

SECTION 1 GENERAL



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## SECTION 1 GENERAL

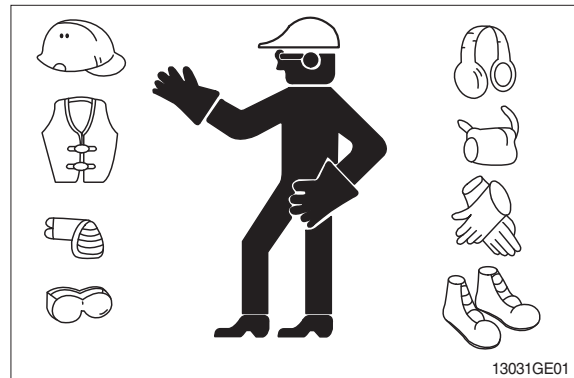
### GROUP 1 SAFETY

#### FOLLOW SAFE PROCEDURE

Unsafe work practices are dangerous.  
Understand service procedure before doing work; Do not attempt shortcuts.

#### WEAR PROTECTIVE CLOTHING

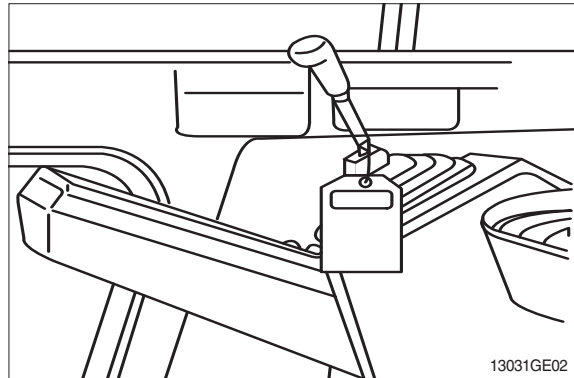
Wear close fitting clothing and safety equipment appropriate to the job.



#### WARN OTHERS OF SERVICE WORK

Unexpected machine movement can cause serious injury.

Before performing any work on the excavator, attach a 「Do Not Operate」 tag on the right side control lever.



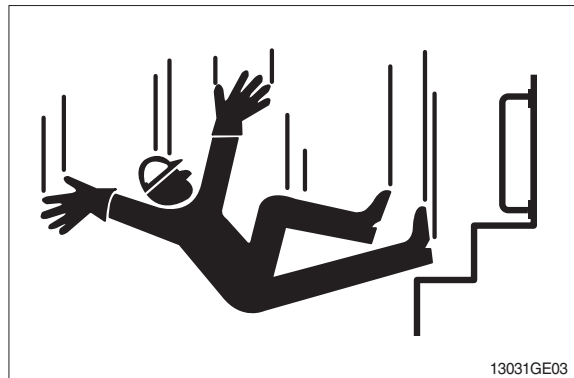
#### USE HANDHOLDS AND STEPS

Falling is one of the major causes of personal injury.

When you get on and off the machine, always maintain a three point contact with the steps and handrails and face the machine. Do not use any controls as handholds.

Never jump on or off the machine. Never mount or dismount a moving machine.

Be careful of slippery conditions on platforms, steps, and handrails when leaving the machine.

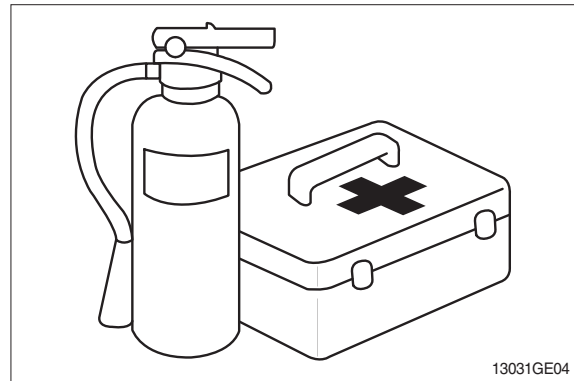


## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

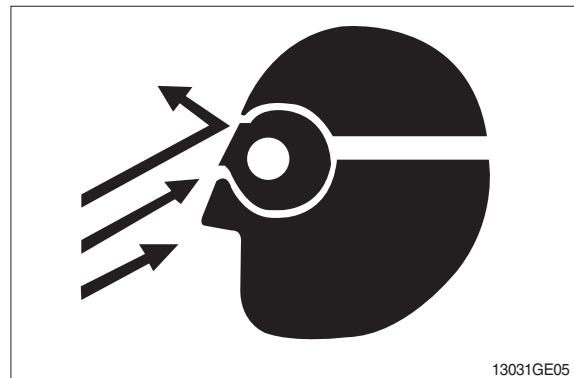
Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



## PROTECT AGAINST FLYING DEBRIS

Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



## PROTECT AGAINST NOISE

Prolonged exposure to loud noise can cause impairment or loss of hearing.

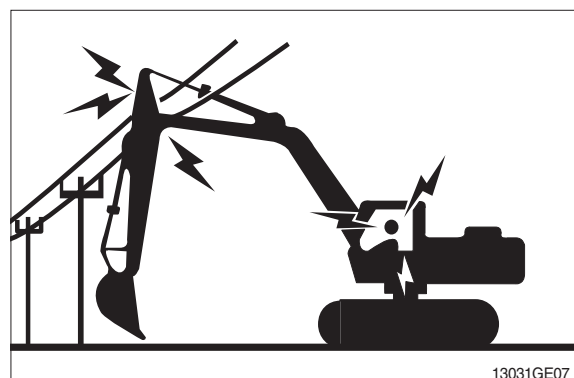
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



## AVOID POWER LINES

Serious injury or death can result from contact with electric lines.

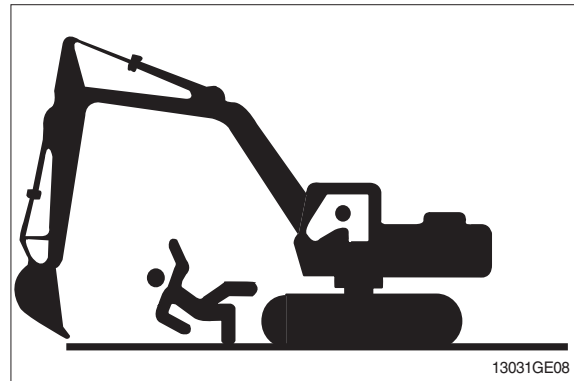
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



## KEEP RIDERS OFF EXCAVATOR

Only allow the operator on the excavator. Keep riders off.

Riders on excavator are subject to injury such as being struck by foreign objects and being thrown off the excavator. Riders also obstruct the operator's view resulting in the excavator being operated in an unsafe manner.

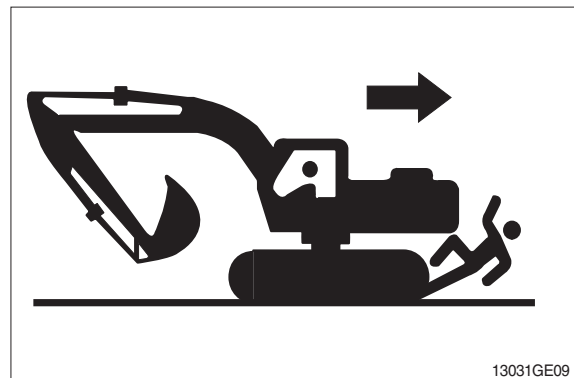


## MOVE AND OPERATE MACHINE SAFELY

Bystanders can be run over. Know the location of bystanders before moving, swinging, or operating the machine.

Always keep the travel alarm in working condition. It warns people when the excavator starts to move.

Use a signal person when moving, swinging, or operating the machine in congested areas. Coordinate hand signals before starting the excavator.



## OPERATE ONLY FROM OPERATOR'S SEAT

Avoid possible injury machine damage. Do not start engine by shorting across starter terminals.

NEVER start engine while standing on ground. Start engine only from operator's seat.



## PARK MACHINE SAFELY

Before working on the machine:

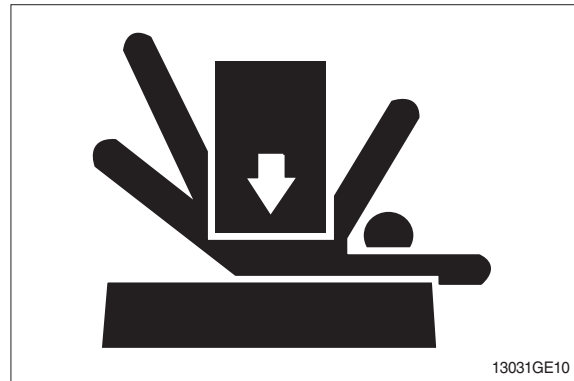
- Park machine on a level surface.
- Lower bucket to the ground.
- Turn auto idle switch off.
- Run engine at 1/2 speed without load for 2 minutes.
- Turn key switch to OFF to stop engine. Remove key from switch.
- Move pilot control shutoff lever to locked position.
- Allow engine to cool.

## SUPPORT MACHINE PROPERLY

Always lower the attachment or implement to the ground before you work on the machine. If you must work on a lifted machine or attachment, securely support the machine or attachment.

Do not support the machine on cinder blocks, hollow tiles, or props that may crumble under continuous load.

Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



## SERVICE COOLING SYSTEM SAFELY

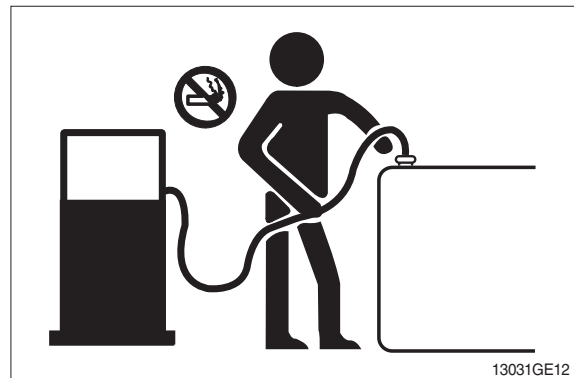
Explosive release of fluids from pressurized cooling system can cause serious burns.

Shut off engine. Only remove filler cap when cool enough to touch with bare hands.



## HANDLE FLUIDS SAFELY-AVOID FIRES

Handle fuel with care; It is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks. Always stop engine before refueling machine. Fill fuel tank outdoors.



Store flammable fluids away from fire hazards. Do not incinerate or puncture pressurized containers.

Make sure machine is clean of trash, grease, and debris.

Do not store oily rags; They can ignite and burn spontaneously.



## BEWARE OF EXHAUST FUMES

Prevent asphyxiation. Engine exhaust fumes can cause sickness or death.

If you must operate in a building, be positive there is adequate ventilation. Either use an exhaust pipe extension to remove the exhaust fumes or open doors and windows to bring enough outside air into the area.

## REMOVE PAINT BEFORE WELDING OR HEATING

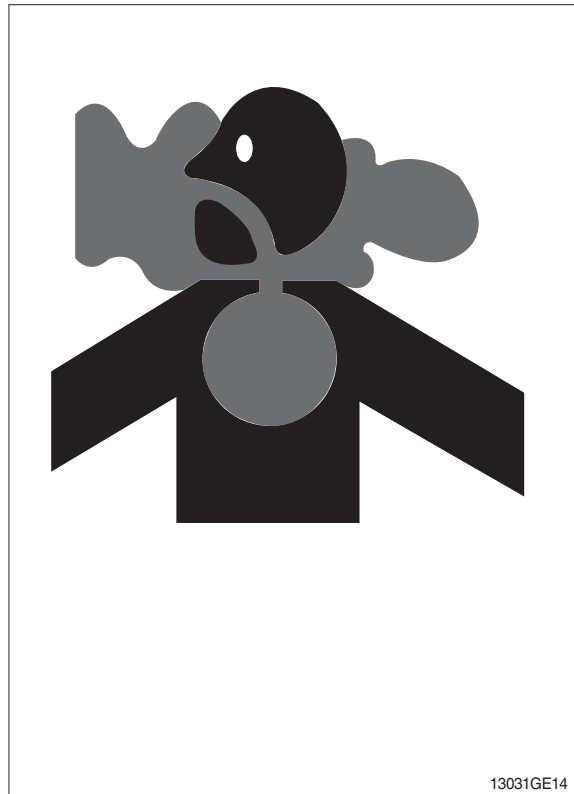
Avoid potentially toxic fumes and dust.

Hazardous fumes can be generated when paint is heated by welding, soldering, or using a torch.

Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

Remove paint before welding or heating:

- If you sand or grind paint, avoid breathing the dust.  
Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.



## ILLUMINATE WORK AREA SAFELY

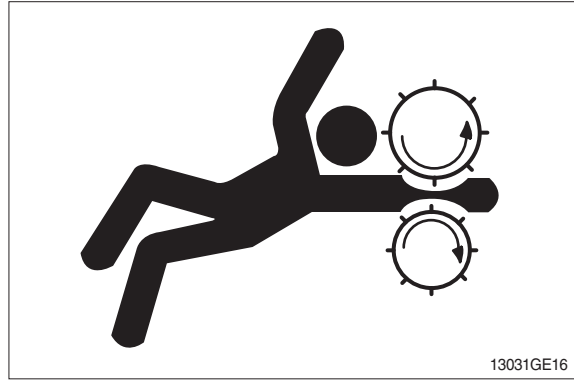
Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.



## SERVICE MACHINE SAFELY

Tie long hair behind your head. Do not wear a necktie, scarf, loose clothing or necklace when you work near machine tools or moving parts. If these items were to get caught, severe injury could result.

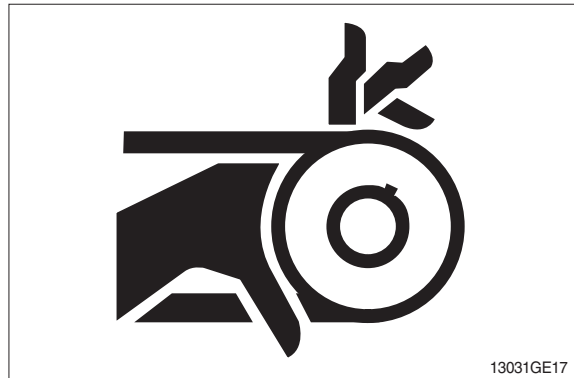
Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



## STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

To prevent accidents, use care when working around rotating parts.



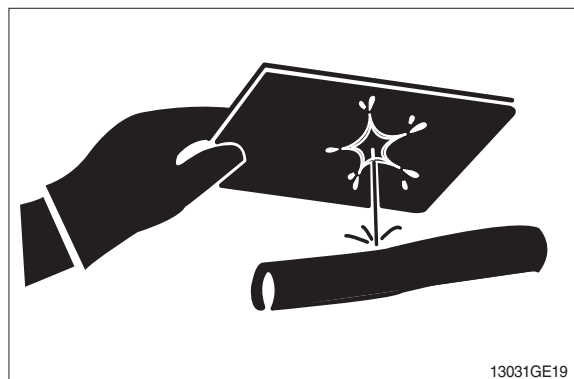
## AVOID HIGH PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result.



## AVOID HEATING NEAR PRESSURIZED FLUID LINES

Flammable spray can be generated by heating near pressurized fluid lines, resulting in severe burns to yourself and bystanders. Do not heat by welding, soldering, or using a torch near pressurized fluid lines or other flammable materials.

Pressurized lines can be accidentally cut when heat goes beyond the immediate flame area. Install fire resisting guards to protect hoses or other materials.



## PREVENT BATTERY EXPLOSIONS

Keep sparks, lighted matches, and flame away from the top of battery. Battery gas can explode.

Never check battery charge by placing a metal object across the posts. Use a volt-meter or hydrometer.

Do not charge a frozen battery; It may explode. Warm battery to 16°C (60°F).



## PREVENT ACID BURNS

Sulfuric acid in battery electrolyte is poisonous. It is strong enough to burn skin, eat holes in clothing, and cause blindness if splashed into eyes.

Avoid the hazard by:

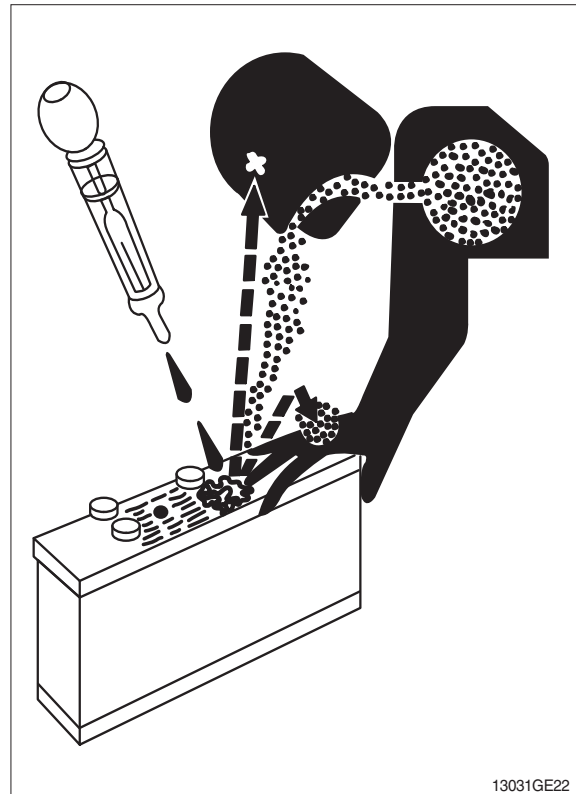
1. Filling batteries in a well-ventilated area.
2. Wearing eye protection and rubber gloves.
3. Avoiding breathing fumes when electrolyte is added.
4. Avoiding spilling or dripping electrolyte.
5. Use proper jump start procedure.

If you spill acid on yourself:

1. Flush your skin with water.
2. Apply baking soda or lime to help neutralize the acid.
3. Flush your eyes with water for 10-15 minutes. Get medical attention immediately.

If acid is swallowed:

1. Drink large amounts of water or milk.
2. Then drink milk of magnesia, beaten eggs, or vegetable oil.
3. Get medical attention immediately.



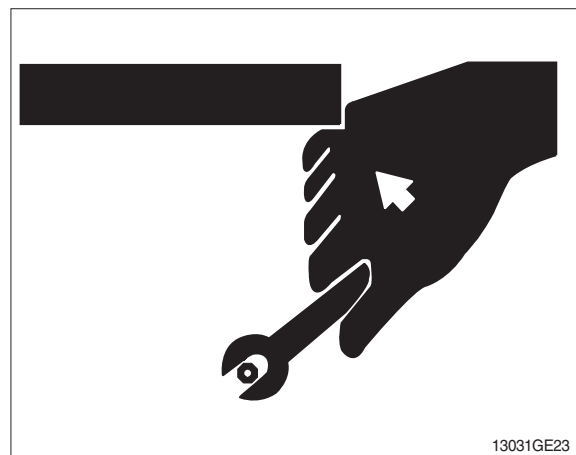
## USE TOOLS PROPERLY

Use tools appropriate to the work. Makeshift tools, parts, and procedures can create safety hazards.

Use power tools only to loosen threaded tools and fasteners.

For loosening and tightening hardware, use the correct size tools. DO NOT use U.S. measurement tools on metric fasteners. Avoid bodily injury caused by slipping wrenches.

Use only recommended replacement parts. (See Parts catalogue.)

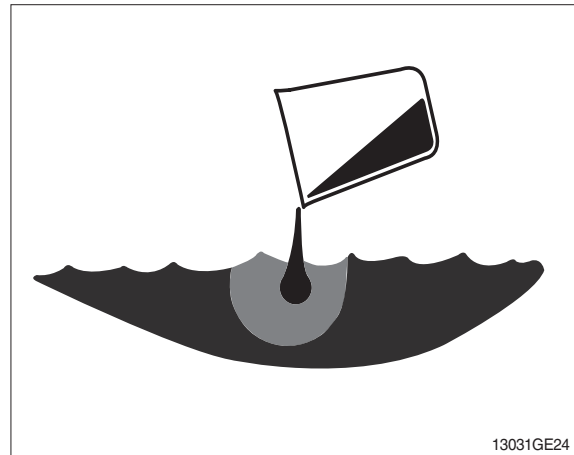


## DISPOSE OF FLUIDS PROPERLY

Improperly disposing of fluids can harm the environment and ecology. Before draining any fluids, find out the proper way to dispose of waste from your local environmental agency.

Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

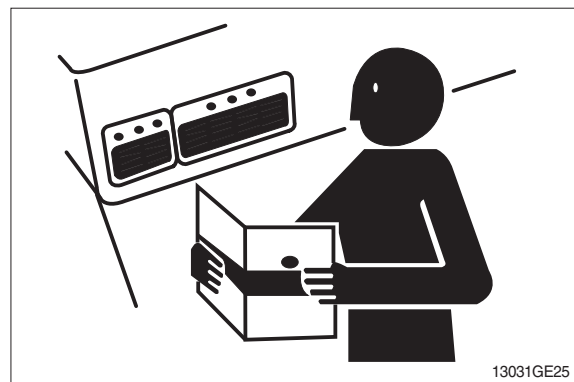
DO NOT pour oil into the ground, down a drain, or into a stream, pond, or lake. Observe relevant environmental protection regulations when disposing of oil, fuel, coolant, brake fluid, filters, batteries, and other harmful waste.



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## REPLACE SAFETY SIGNS

Replace missing or damaged safety signs. See the machine operator's manual for correct safety sign placement.



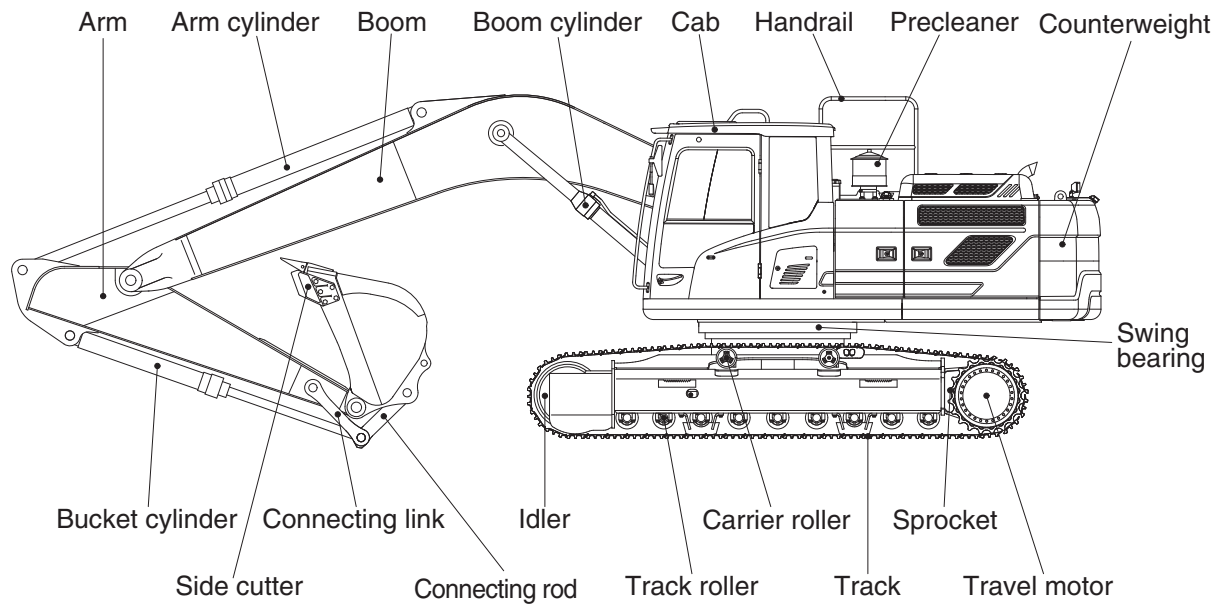
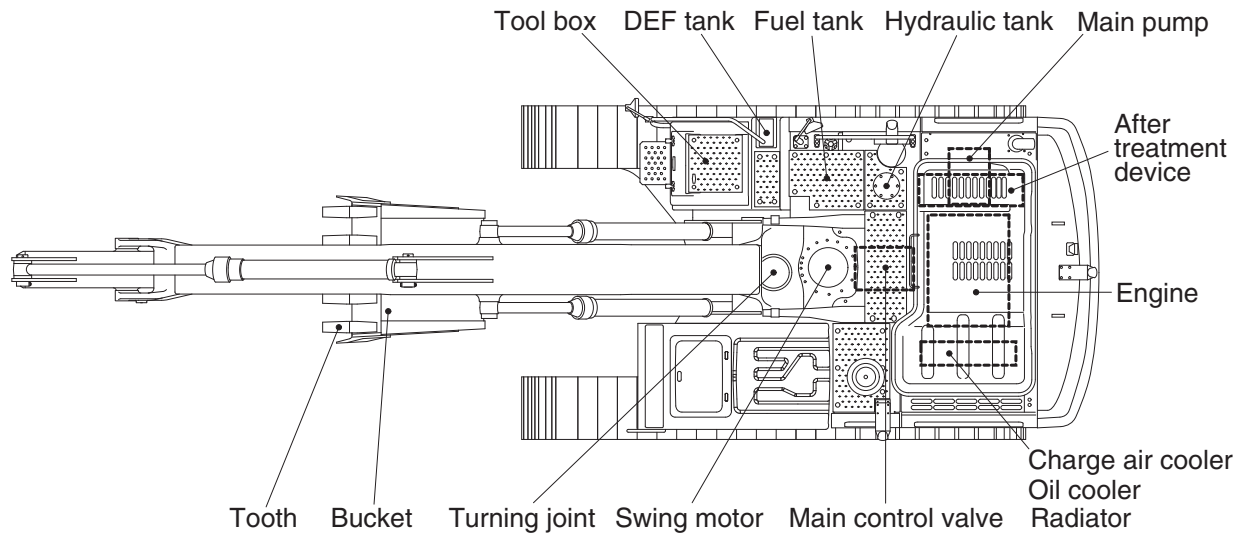
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## LIVE WITH SAFETY

Before returning machine to customer, make sure machine is functioning properly, especially the safety systems. Install all guards and shields.

## GROUP 2 SPECIFICATIONS

### 1. MAJOR COMPONENT

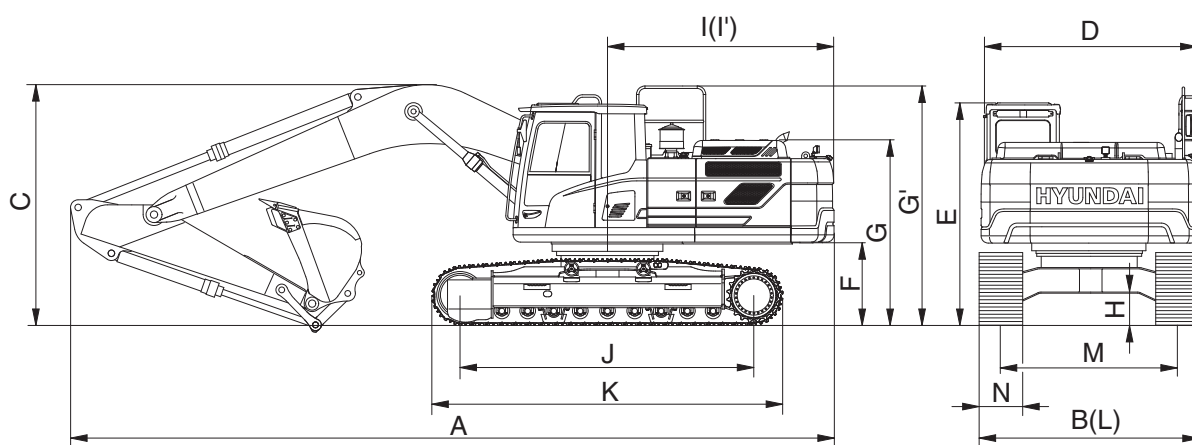


290F2SP01

## 2. SPECIFICATIONS

### 1) HX300 L

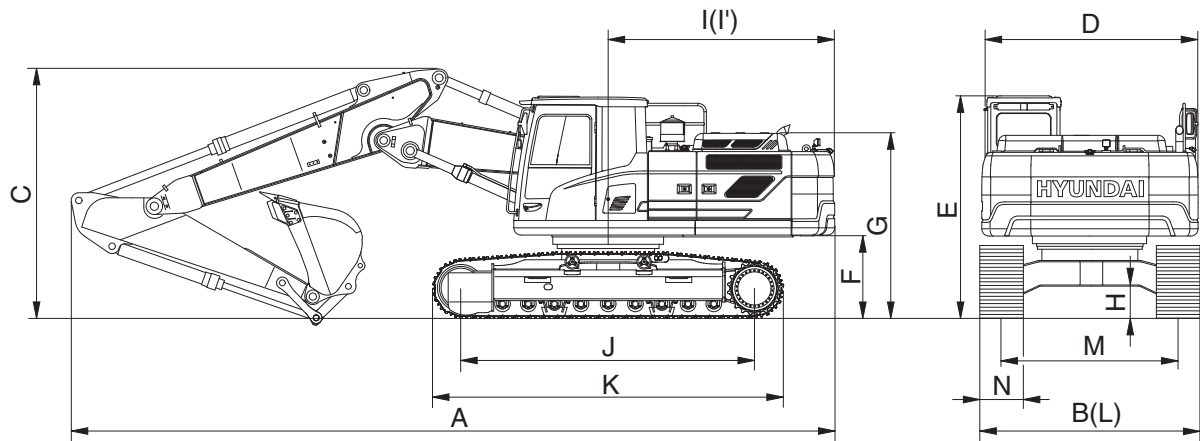
· 6.25 m (20' 6") BOOM and 3.05 m (10' 0") ARM



290F2SP02

| Description                            |    | Unit                              | Specification     |
|----------------------------------------|----|-----------------------------------|-------------------|
| Operating weight                       |    | kg (lb)                           | 30200 (66580)     |
| Bucket capacity (SAE heaped), standard |    | m <sup>3</sup> (yd <sup>3</sup> ) | 1.27 (1.66)       |
| Overall length                         | A  | mm (ft-in)                        | 10560 (34' 8")    |
| Overall width, with 600 mm shoe        | B  |                                   | 3200 (10' 6")     |
| Overall height of boom                 | C  |                                   | 3290 (10' 10")    |
| Superstructure width                   | D  |                                   | 2980 (9' 9")      |
| Overall height of cab                  | E  |                                   | 3130 (10' 3")     |
| Ground clearance of counterweight      | F  |                                   | 1185 (3' 9")      |
| Overall height of engine hood          | G  |                                   | 2600 (8' 6")      |
| Overall height of handrail             | G' |                                   | 3335 (10' 11")    |
| Minimum ground clearance               | H  |                                   | 500 (1' 8")       |
| Rear-end distance                      | I  |                                   | 3120 (10' 3")     |
| Rear-end swing radius                  | I' |                                   | 3210 (10' 6")     |
| Distance between tumblers              | J  |                                   | 4030 (13' 3")     |
| Undercarriage length                   | K  |                                   | 4885 (16' 0")     |
| Undercarriage width                    | L  |                                   | 3200 (10' 6")     |
| Track gauge                            | M  |                                   | 2600 (8' 6")      |
| Track shoe width, standard             | N  |                                   | 600 (24")         |
| Travel speed (low/high)                |    | km/hr (mph)                       | 3.3/5.9 (2.1/3.7) |
| Swing speed                            |    | rpm                               | 10.2              |
| Gradeability                           |    | Degree (%)                        | 35 (70)           |
| Ground pressure (600 mm shoe)          |    | kgf/cm <sup>2</sup> (psi)         | 0.58 (8.25)       |
| Max traction force                     |    | kg (lb)                           | 26500 (58420)     |

· 6.25 m (20' 6") 2-PIECE BOOM and 3.05 m (10' 0") ARM

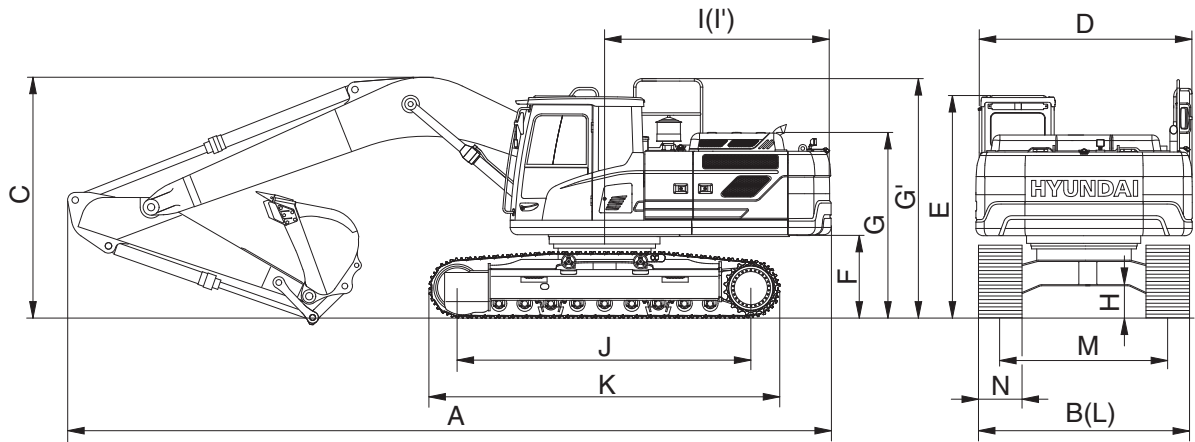


290F2SP02A

| Description                            |    | Unit                              | Specification     |
|----------------------------------------|----|-----------------------------------|-------------------|
| Operating weight                       |    | kg (lb)                           | 33210 (73220)     |
| Bucket capacity (SAE heaped), standard |    | m <sup>3</sup> (yd <sup>3</sup> ) | 1.27 (1.66)       |
| Overall length                         | A  | mm (ft-in)                        | 10640 (34' 9")    |
| Overall width, with 600 mm shoe        | B  |                                   | 3200 (10' 6")     |
| Overall height of boom                 | C  |                                   | 3270 (11' 0")     |
| Superstructure width                   | D  |                                   | 2980 ( 9' 9")     |
| Overall height of cab                  | E  |                                   | 3130 (10' 3")     |
| Ground clearance of counterweight      | F  |                                   | 1185 ( 3' 9")     |
| Overall height of engine hood          | G  |                                   | 2600 ( 8' 6")     |
| Overall height of handrail             | G' |                                   | 3335 (10' 11")    |
| Minimum ground clearance               | H  |                                   | 500 ( 1' 8")      |
| Rear-end distance                      | I  |                                   | 3120 (10' 3")     |
| Rear-end swing radius                  | I' |                                   | 3210 (10' 6")     |
| Distance between tumblers              | J  |                                   | 4030 (13' 3")     |
| Undercarriage length                   | K  |                                   | 4885 (16' 0")     |
| Undercarriage width                    | L  |                                   | 3200 (10' 6")     |
| Track gauge                            | M  |                                   | 2600 ( 8' 6")     |
| Track shoe width, standard             | N  |                                   | 600 (24")         |
| Travel speed (low/high)                |    | km/hr (mph)                       | 3.3/5.9 (2.1/3.7) |
| Swing speed                            |    | rpm                               | 10.2              |
| Gradeability                           |    | Degree (%)                        | 35 (70)           |
| Ground pressure (600 mm shoe)          |    | kgf/cm <sup>2</sup> (psi)         | 0.64 (9.10)       |
| Max traction force                     |    | kg (lb)                           | 26500 (58420)     |

## 2) HX300 NL

· 6.25 m (20' 6") BOOM and 3.05 m (10' 0") ARM

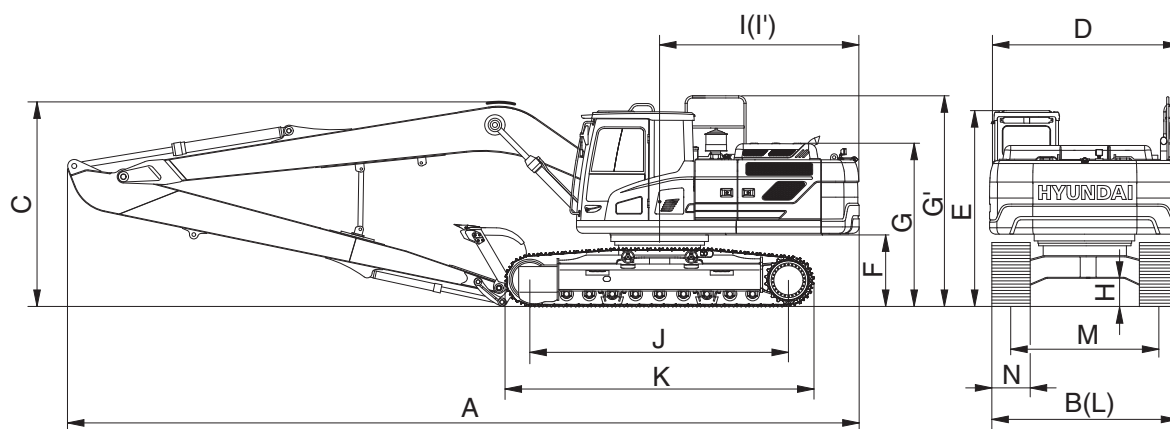


290F2SP03

| Description                            |    | Unit          | Specification     |
|----------------------------------------|----|---------------|-------------------|
| Operating weight                       |    | kg (lb)       | 30000 (66140)     |
| Bucket capacity (SAE heaped), standard |    | m³ (yd³)      | 1.27 (1.66)       |
| Overall length                         | A  | mm (ft-in)    | 10560 (34' 8")    |
| Overall width, with 600 mm shoe        | B  |               | 2990 ( 9' 10")    |
| Overall height of boom                 | C  |               | 3290 (10' 10")    |
| Superstructure width                   | D  |               | 2980 ( 9' 9")     |
| Overall height of cab                  | E  |               | 3130 ( 10' 3")    |
| Ground clearance of counterweight      | F  |               | 1185 ( 3' 9")     |
| Overall height of engine hood          | G  |               | 2600 ( 8' 6")     |
| Overall height of handrail             | G' |               | 3335 (10' 11")    |
| Minimum ground clearance               | H  |               | 500 ( 1' 8")      |
| Rear-end distance                      | I  |               | 3120 ( 10' 3")    |
| Rear-end swing radius                  | I' |               | 3210 ( 10' 6")    |
| Distance between tumblers              | J  |               | 4030 (13' 3")     |
| Undercarriage length                   | K  |               | 4885 (16' 0")     |
| Undercarriage width                    | L  |               | 2990 ( 9' 10")    |
| Track gauge                            | M  |               | 2390 ( 7' 10")    |
| Track shoe width, standard             | N  |               | 600 (24")         |
| Travel speed (low/high)                |    | km/hr (mph)   | 3.3/5.9 (2.1/3.7) |
| Swing speed                            |    | rpm           | 10.2              |
| Gradeability                           |    | Degree (%)    | 35 (70)           |
| Ground pressure (600 mm shoe)          |    | kgf/cm² (psi) | 0.58 (8.25)       |
| Max traction force                     |    | kg (lb)       | 26500 (58420)     |

### 3) HX300 L LONG REACH

· 10.2 m (33' 6") BOOM and 7.85 m (25' 9") ARM

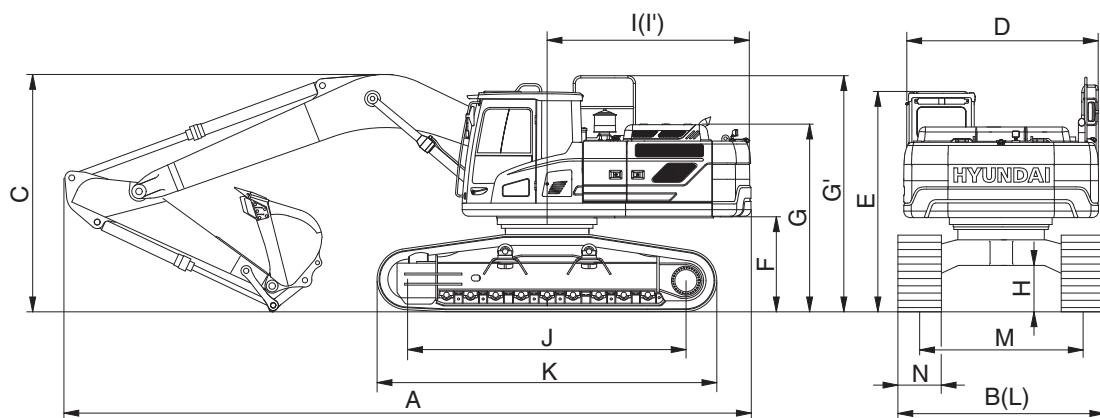


290F2SP04

| Description                            |    | Unit                              | Specification     |
|----------------------------------------|----|-----------------------------------|-------------------|
| Operating weight                       |    | kg (lb)                           | 33070 (72910)     |
| Bucket capacity (SAE heaped), standard |    | m <sup>3</sup> (yd <sup>3</sup> ) | 0.52 (0.68)       |
| Overall length                         | A  | mm (ft-in)                        | 14560 ( 47' 9")   |
| Overall width, with 800 mm shoe        | B  |                                   | 3400 ( 11' 2")    |
| Overall height of boom                 | C  |                                   | 3560 ( 11' 8")    |
| Superstructure width                   | D  |                                   | 2980 ( 9' 9")     |
| Overall height of cab                  | E  |                                   | 3130 ( 9' 11")    |
| Ground clearance of counterweight      | F  |                                   | 1185 ( 3' 9")     |
| Overall height of engine hood          | G  |                                   | 2600 ( 8' 6")     |
| Overall height of handrail             | G' |                                   | 3335 (10' 11")    |
| Minimum ground clearance               | H  |                                   | 500 ( 1' 8")      |
| Rear-end distance                      | I  |                                   | 3120 (10' 3")     |
| Rear-end swing radius                  | I' |                                   | 3210 (10' 6")     |
| Distance between tumblers              | J  |                                   | 4030 (13' 3")     |
| Undercarriage length                   | K  |                                   | 4885 (16' 0")     |
| Undercarriage width                    | L  |                                   | 3400 ( 11' 2")    |
| Track gauge                            | M  |                                   | 2600 ( 8' 6")     |
| Track shoe width, standard             | N  |                                   | 800 (31' 5")      |
| Travel speed (low/high)                |    | km/hr (mph)                       | 3.3/5.9 (2.1/3.7) |
| Swing speed                            |    | rpm                               | 10.2              |
| Gradeability                           |    | Degree (%)                        | 35 (70)           |
| Ground pressure (800 mm shoe)          |    | kgf/cm <sup>2</sup> (psi)         | 0.48 (6.83)       |
| Max traction force                     |    | kg (lb)                           | 26500 (58420)     |

#### 4) HX300 L HIGH WALKER

· 6.25 m (20' 6") BOOM and 3.05 m (10' 0") ARM



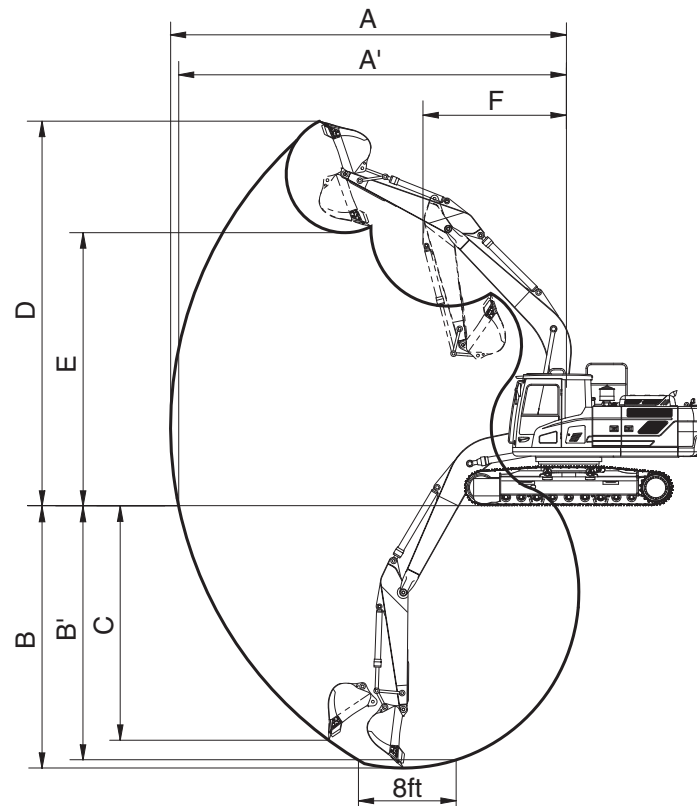
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| Description                            |    | Unit                              | Specification     |
|----------------------------------------|----|-----------------------------------|-------------------|
| Operating weight                       |    | kg (lb)                           | 33040 (72840)     |
| Bucket capacity (SAE heaped), standard |    | m <sup>3</sup> (yd <sup>3</sup> ) | 1.27 (1.66)       |
| Overall length                         | A  | mm (ft-in)                        | 10430 ( 34' 3")   |
| Overall width, with 600 mm shoe        | B  |                                   | 3470 ( 11' 5")    |
| Overall height of boom                 | C  |                                   | 3350 ( 11' 0")    |
| Superstructure width                   | D  |                                   | 2980 ( 9' 9")     |
| Overall height of cab                  | E  |                                   | 3400 ( 11' 2")    |
| Ground clearance of counterweight      | F  |                                   | 1500 ( 4' 11")    |
| Overall height of engine hood          | G  |                                   | 2910 ( 9' 7")     |
| Overall height of handrail             | G' |                                   | 3650 (12' 0")     |
| Minimum ground clearance               | H  |                                   | 765 ( 2' 6")      |
| Rear-end distance                      | I  |                                   | 3120 ( 10' 3")    |
| Rear-end swing radius                  | I' |                                   | 3200 ( 10' 6")    |
| Distance between tumblers              | J  |                                   | 4030 ( 13' 3")    |
| Undercarriage length                   | K  |                                   | 4950 ( 16' 3")    |
| Undercarriage width                    | L  |                                   | 3470 ( 11' 5")    |
| Track gauge                            | M  |                                   | 2870 ( 9' 5")     |
| Track shoe width, standard             | N  |                                   | 600 ( 23' 6")     |
| Travel speed (low/high)                |    | km/hr (mph)                       | 3.3/5.9 (2.1/3.7) |
| Swing speed                            |    | rpm                               | 10.2              |
| Gradeability                           |    | Degree (%)                        | 35 (70)           |
| Ground pressure (600 mm shoe)          |    | kgf/cm <sup>2</sup> (psi)         | 0.64 (9.10)       |
| Max traction force                     |    | kg (lb)                           | 26500 (58420)     |

### 3. WORKING RANGE

#### 1) HX300 L/NL

· 6.25 m (20' 6") BOOM

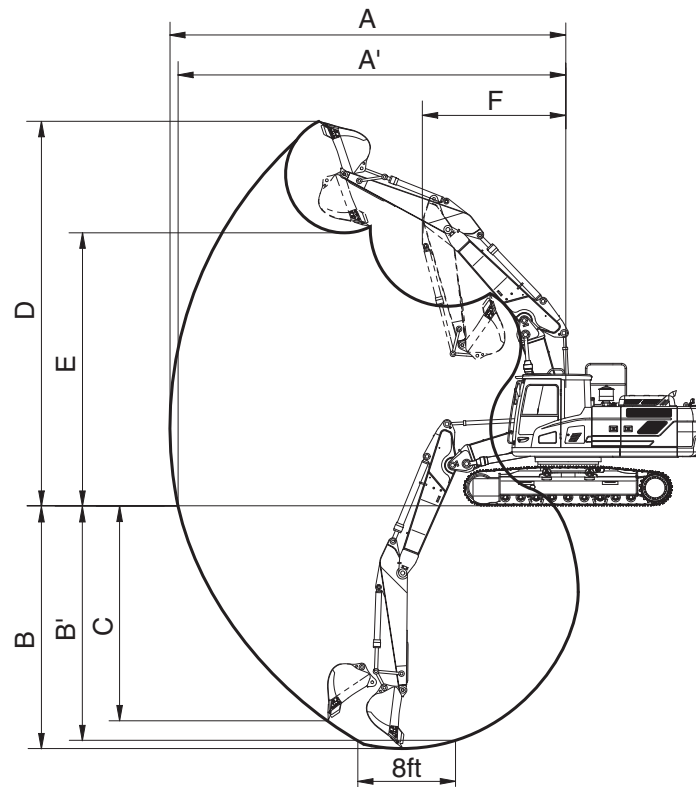


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| Description                     |     | 2.10m (6' 11") Arm | 2.50 m (8' 2") Arm | 3.05 m (10' 0") Arm | 3.75 m (12' 4") Arm |
|---------------------------------|-----|--------------------|--------------------|---------------------|---------------------|
| Max digging reach               | A   | 10020 mm (32' 10") | 10280 mm (33' 9")  | 10820 mm (35' 6")   | 11400 mm (37' 5")   |
| Max digging reach on ground     | A'  | 9820 mm (32' 3")   | 10080 mm (33' 1")  | 10620 mm (34' 10")  | 11220 mm (36' 10")  |
| Max digging depth               | B   | 6440 mm (21' 2")   | 6840 mm (22' 5")   | 7390 mm (24' 3")    | 8090 mm (26' 7")    |
| Max digging depth (8 ft level)  | B'  | 6240 mm (20' 6")   | 6630 mm (21' 9")   | 7200 mm (23' 7")    | 7920 mm (26' 0")    |
| Max vertical wall digging depth | C   | 6000 mm (19' 8")   | 5850 mm (19' 2")   | 6380 mm (20' 11")   | 7080 mm (23' 3")    |
| Max digging height              | D   | 10040 mm (32' 11") | 10000 mm (32' 10") | 10160 mm (33' 4")   | 10360 mm (34' 0")   |
| Max dumping height              | E   | 6940 mm (22' 9")   | 7030 mm (23' 1")   | 7110 mm (23' 4")    | 7310 mm (24' 0")    |
| Min swing radius                | F   | 4400 mm (14' 5")   | 4300 mm (14' 1")   | 4250 mm (13' 11")   | 4200 mm (13' 9")    |
| Bucket digging force            | SAE | 168.7 [183.1] kN   | 168.7 [183.1] kN   | 168.7 [183.1] kN    | 168.7 [183.1] kN    |
|                                 |     | 17200 [18670] kgf  | 17200 [18670] kgf  | 17200 [18670] kgf   | 17200 [18670] kgf   |
|                                 |     | 37920 [41170] lbf  | 37920 [41170] lbf  | 37920 [41170] lbf   | 37920 [41170] lbf   |
|                                 | ISO | 192.2 [208.7] kN   | 192.2 [208.7] kN   | 192.2 [208.7] kN    | 192.2 [208.7] kN    |
|                                 |     | 19600 [21280] kgf  | 19600 [21280] kgf  | 19600 [21280] kgf   | 19600 [21280] kgf   |
|                                 |     | 43210 [46910] lbf  | 43210 [46910] lbf  | 43210 [46910] lbf   | 43210 [46910] lbf   |
| Arm digging force               | SAE | 180.4 [195.9] kN   | 156.9 [170.4] kN   | 131.4 [142.7] kN    | 114.7 [124.6] kN    |
|                                 |     | 18400 [19980] kgf  | 16000 [17370] kgf  | 13400 [14550] kgf   | 11700 [12700] kgf   |
|                                 |     | 40570 [44050] lbf  | 35270 [38290] lbf  | 29540 [32070] lbf   | 25790 [28000] lbf   |
|                                 | ISO | 190.3 [206.6] kN   | 163.8 [177.8] kN   | 136.3 [148] kN      | 119.6 [129.9] kN    |
|                                 |     | 19400 [21060] kgf  | 16700 [18130] kgf  | 13900 [15090] kgf   | 12200 [13250] kgf   |
|                                 |     | 42770 [46440] lbf  | 36820 [39980] lbf  | 30640 [33270] lbf   | 26900 [29210] lbf   |

[ ] : Power boost

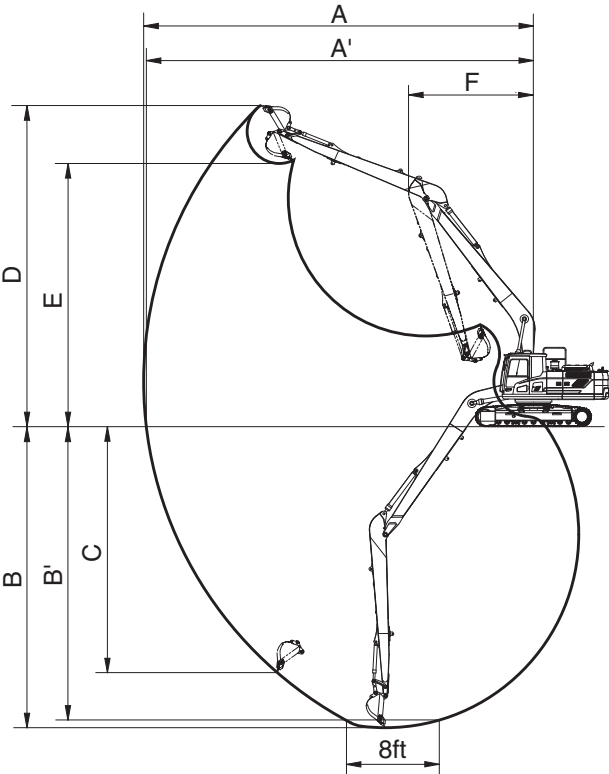
· 6.25 m (20' 6") 2-PIECE BOOM



290F2SP06A

| Description                     |     | 2.10m (6' 11") Arm | 2.50 m (8' 2") Arm | 3.05 m (10' 0") Arm | 3.75 m (12' 4") Arm |
|---------------------------------|-----|--------------------|--------------------|---------------------|---------------------|
| Max digging reach               | A   | 10060 mm (33' 0")  | 10340 mm (33' 9")  | 10860 mm (35' 6")   | 11480 mm (37' 7")   |
| Max digging reach on ground     | A'  | 9850 mm (32' 3")   | 10140 mm (33' 3")  | 10670 mm (35' 0")   | 11300 mm (37' 1")   |
| Max digging depth               | B   | 5930 mm (19' 5")   | 6280 mm (20' 6")   | 6820 mm (22' 4")    | 7490 mm (24' 6")    |
| Max digging depth (8 ft level)  | B'  | 5930 mm (19' 5")   | 6330 mm (20' 8")   | 6910 mm (22' 7")    | 7630 mm (25' 0")    |
| Max vertical wall digging depth | C   | 5010 mm (16' 4")   | 5210 mm (17' 1")   | 5780 mm (19' 0")    | 6450 mm (21' 2")    |
| Max digging height              | D   | 11540 mm (37' 9")  | 11680 mm (38' 3")  | 12090 mm (40' 4")   | 12550 mm (41' 2")   |
| Max dumping height              | E   | 8310 mm (27' 3")   | 8440 mm (27' 7")   | 8850 mm (29' 0")    | 9320 mm (30' 6")    |
| Min swing radius                | F   | 3180 mm (10' 4")   | 2900 mm (9' 5")    | 2630 mm (8' 6")     | 2850 mm (9' 4")     |
| Bucket digging force            | SAE | 168.7 [183.1] kN   | 168.7 [183.1] kN   | 168.7 [183.1] kN    | 168.7 [183.1] kN    |
|                                 |     | 17200 [18670] kgf  | 17200 [18670] kgf  | 17200 [18670] kgf   | 17200 [18670] kgf   |
|                                 |     | 37920 [41170] lbf  | 37920 [41170] lbf  | 37920 [41170] lbf   | 37920 [41170] lbf   |
|                                 | ISO | 192.2 [208.7] kN   | 192.2 [208.7] kN   | 192.2 [208.7] kN    | 192.2 [208.7] kN    |
|                                 |     | 19600 [21280] kgf  | 19600 [21280] kgf  | 19600 [21280] kgf   | 19600 [21280] kgf   |
|                                 |     | 43210 [46910] lbf  | 43210 [46910] lbf  | 43210 [46910] lbf   | 43210 [46910] lbf   |
| Arm digging force               | SAE | 180.4 [195.9] kN   | 156.9 [170.4] kN   | 131.4 [142.7] kN    | 114.7 [124.6] kN    |
|                                 |     | 18400 [19980] kgf  | 16000 [17370] kgf  | 13400 [14550] kgf   | 11700 [12700] kgf   |
|                                 |     | 40570 [44050] lbf  | 35270 [38290] lbf  | 29540 [32070] lbf   | 25790 [28000] lbf   |
|                                 | ISO | 190.3 [206.6] kN   | 163.8 [177.8] kN   | 136.3 [148] kN      | 119.6 [129.9] kN    |
|                                 |     | 19400 [21060] kgf  | 16700 [18130] kgf  | 13900 [15090] kgf   | 12200 [13250] kgf   |
|                                 |     | 42770 [46440] lbf  | 36820 [39980] lbf  | 30640 [33270] lbf   | 26900 [29210] lbf   |

2) HX300 L LONG REACH  
 · 10.2 m (33' 6") BOOM

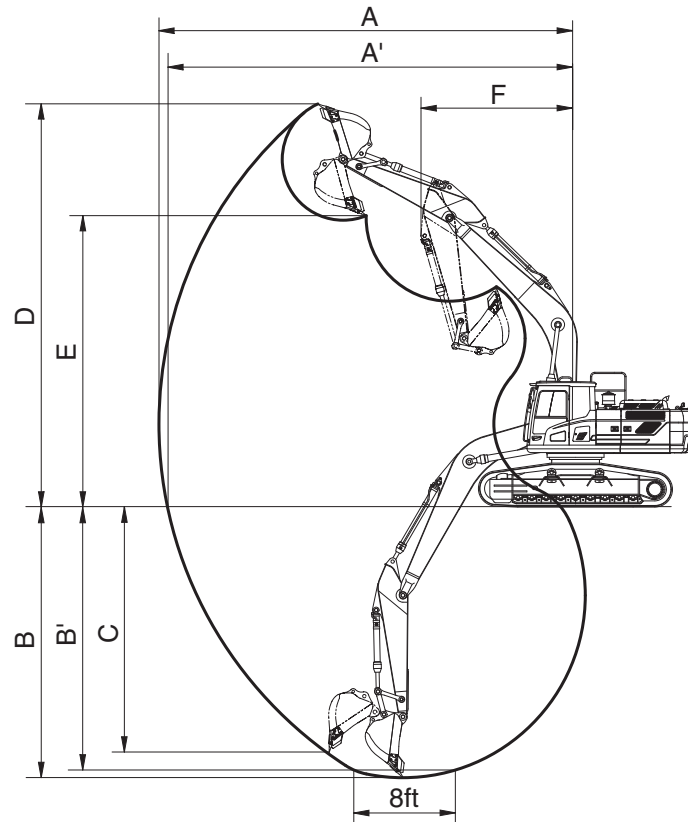


290F2SP07

| Description                     |     | 7.85 m (25' 9") Arm |
|---------------------------------|-----|---------------------|
| Max digging reach               | A   | 18510 (60' 9")      |
| Max digging reach on ground     | A'  | 18400 (60' 4")      |
| Max digging depth               | B   | 14820 (48' 7")      |
| Max digging depth (8 ft level)  | B'  | 14690 (48' 2")      |
| Max vertical wall digging depth | C   | 12020 (39' 5")      |
| Max digging height              | D   | 14500 (47' 7")      |
| Max dumping height              | E   | 12190 (40' 0")      |
| Min swing radius                | F   | 6250 (20' 6")       |
| Bucket digging force            | SAE | 70 kN               |
|                                 |     | 7100 kgf            |
|                                 |     | 15650 lbf           |
|                                 | ISO | 80 kN               |
|                                 |     | 8200 kgf            |
|                                 |     | 18080 lbf           |
| Arm crowd force                 | SAE | 47.1 kN             |
|                                 |     | 4800 kgf            |
|                                 |     | 10580 lbf           |
|                                 | ISO | 48.1 kN             |
|                                 |     | 4900 kgf            |
|                                 |     | 10800 lbf           |

### 3) HX300 L HIGH WALKER

· 6.25 m (20' 6") BOOM



290F2SP08

| Description                     |     | 2.10 m (6' 11") Arm | 2.50 m (8' 2") Arm | 3.05 m (10' 0") Arm | 3.75 m (12' 4") Arm |
|---------------------------------|-----|---------------------|--------------------|---------------------|---------------------|
| Max digging reach               | A   | 10020 mm (32' 10")  | 10280 mm (33' 9")  | 10790 mm (35' 5")   | 11400 mm (37' 5")   |
| Max digging reach on ground     | A'  | 9750 mm (32' 0")    | 10020 mm (32' 10") | 10530 mm (34' 7")   | 11160 mm (36' 7")   |
| Max digging depth               | B   | 6140 mm (20' 2")    | 6540 mm (21' 5")   | 7090 mm (23' 3")    | 7790 mm (25' 7")    |
| Max digging depth (8 ft level)  | B'  | 5930 mm (19' 5")    | 6330 mm (20' 9")   | 6910 mm (22' 8")    | 7630 mm (25' 0")    |
| Max vertical wall digging depth | C   | 5700 mm (18' 8")    | 5560 mm (18' 3")   | 6090 mm (20' 0")    | 6790 mm (22' 3")    |
| Max digging height              | D   | 10320 mm (33' 10")  | 10270 mm (33' 8")  | 10440 mm (34' 3")   | 10660 mm (35' 0")   |
| Max dumping height              | E   | 7240 mm (23' 9")    | 7170 mm (23' 6")   | 7400 mm (24' 3")    | 7610 mm (25' 0")    |
| Min swing radius                | F   | 4400 mm (14' 5")    | 4300 mm (14' 1")   | 4250 mm (13' 11")   | 4200 mm (13' 9")    |
| Bucket digging force            | SAE | 168.7 [183.1] kN    | 168.7 [183.1] kN   | 168.7 [183.1] kN    | 168.7 [183.1] kN    |
|                                 |     | 17200 [18670] kgf   | 17200 [18670] kgf  | 17200 [18670] kgf   | 17200 [18670] kgf   |
|                                 |     | 37920 [41170] lbf   | 37920 [41170] lbf  | 37920 [41170] lbf   | 37920 [41170] lbf   |
|                                 | ISO | 192.2 [208.7] kN    | 192.2 [208.7] kN   | 192.2 [208.7] kN    | 192.2 [208.7] kN    |
|                                 |     | 19600 [21280] kgf   | 19600 [21280] kgf  | 19600 [21280] kgf   | 19600 [21280] kgf   |
|                                 |     | 43210 [46910] lbf   | 43210 [46910] lbf  | 43210 [46910] lbf   | 43210 [46910] lbf   |
| Arm digging force               | SAE | 180.4 [195.9] kN    | 156.9 [170.4] kN   | 131.4 [142.7] kN    | 114.7 [124.6] kN    |
|                                 |     | 18400 [19980] kgf   | 16000 [17370] kgf  | 13400 [14550] kgf   | 11700 [12700] kgf   |
|                                 |     | 40570 [44050] lbf   | 35270 [38290] lbf  | 29540 [32070] lbf   | 25790 [28000] lbf   |
|                                 | ISO | 190.3 [206.6] kN    | 163.8 [177.8] kN   | 136.3 [148] kN      | 119.6 [129.9] kN    |
|                                 |     | 19400 [21060] kgf   | 16700 [18130] kgf  | 13900 [15090] kgf   | 12200 [13250] kgf   |
|                                 |     | 42770 [46440] lbf   | 36820 [39980] lbf  | 30640 [33270] lbf   | 26900 [29210] lbf   |

[ ] : Power boost

## 4. WEIGHT

### 1) HX300 L, HX300 NL

| Item                                                            | HX300 L |       | HX300 NL |      |
|-----------------------------------------------------------------|---------|-------|----------|------|
|                                                                 | kg      | lb    | kg       | lb   |
| Upperstructure assembly                                         |         |       |          |      |
| · Main frame weld assembly                                      | 2720    | 6000  | ←        | ←    |
| · Engine assembly                                               | 520     | 1150  | ←        | ←    |
| · Aftertreatment assy                                           | 94      | 210   | ←        | ←    |
| · Main pump assembly                                            | 140     | 310   | ←        | ←    |
| · Main control valve assembly                                   | 220     | 490   | ←        | ←    |
| · Swing motor assembly                                          | 350     | 770   | ←        | ←    |
| · Hydraulic oil tank assembly                                   | 270     | 600   | ←        | ←    |
| · Fuel tank assembly                                            | 235     | 520   | ←        | ←    |
| · Counterweight                                                 | 5200    | 11460 | ←        | ←    |
| · Cab assembly                                                  | 490     | 1080  | ←        | ←    |
| Lower chassis assembly                                          |         |       |          |      |
| · Track frame weld assembly                                     | 3750    | 8270  | 3550     | 7830 |
| · Swing bearing                                                 | 435     | 960   | ←        | ←    |
| · Travel motor assembly                                         | 360     | 790   | ←        | ←    |
| · Turning joint                                                 | 54      | 120   | ←        | ←    |
| · Sprocket                                                      | 83      | 180   | ←        | ←    |
| · Track recoil spring                                           | 225     | 500   | ←        | ←    |
| · Idler                                                         | 260     | 570   | ←        | ←    |
| · Carrier roller                                                | 35      | 80    | ←        | ←    |
| · Track roller                                                  | 56      | 120   | ←        | ←    |
| · Track-chain assembly<br>(600 mm standard triple grouser shoe) | 1880    | 4150  | ←        | ←    |
| Front attachment assembly                                       |         |       |          |      |
| · 6.25 m boom assembly                                          | 2280    | 5030  | ←        | ←    |
| · 3.05 m arm assembly                                           | 1040    | 2290  | ←        | ←    |
| · 1.27 m³ SAE heaped bucket                                     | 1100    | 2430  | ←        | ←    |
| · Boom cylinder assembly                                        | 270     | 600   | ←        | ←    |
| · Arm cylinder assembly                                         | 360     | 790   | ←        | ←    |
| · Bucket cylinder assembly                                      | 220     | 490   | ←        | ←    |
| · Bucket control linkage total                                  | 110     | 240   | ←        | ←    |

※ This information is different with operating and transportation weight because it is not including harness, pipe, oil, fuel so on.

※ Refer to Transportation for actual weight information and Specifications for operating weight.

## 2) HX300 L LONG REACH

| Item                                                            | HX300 L LONG REACH |       |
|-----------------------------------------------------------------|--------------------|-------|
|                                                                 | kg                 | lb    |
| Upperstructure assembly                                         |                    |       |
| · Main frame weld assembly                                      | 2720               | 6000  |
| · Engine assembly                                               | 520                | 1150  |
| · Aftertreatment assy                                           | 94                 | 210   |
| · Main pump assembly                                            | 140                | 310   |
| · Main control valve assembly                                   | 220                | 490   |
| · Swing motor assembly                                          | 350                | 770   |
| · Hydraulic oil tank assembly                                   | 270                | 600   |
| · Fuel tank assembly                                            | 235                | 520   |
| · Counterweight                                                 | 7000               | 15450 |
| · Cab assembly                                                  | 490                | 1080  |
| Lower chassis assembly                                          |                    |       |
| · Track frame weld assembly                                     | 3750               | 8270  |
| · Swing bearing                                                 | 435                | 960   |
| · Travel motor assembly                                         | 360                | 790   |
| · Turning joint                                                 | 54                 | 120   |
| · Sprocket                                                      | 83                 | 180   |
| · Track recoil spring                                           | 225                | 500   |
| · Idler                                                         | 260                | 570   |
| · Carrier roller                                                | 35                 | 80    |
| · Track roller                                                  | 56                 | 120   |
| · Track-chain assembly<br>(800 mm standard triple grouser shoe) | 2350               | 5180  |
| Front attachment assembly                                       |                    |       |
| · 10.2 m boom assembly                                          | 2980               | 6570  |
| · 7.85 m arm assembly                                           | 1340               | 2960  |
| · 0.52 m³ SAE heaped bucket                                     | 460                | 1010  |
| · Boom cylinder assembly                                        | 270                | 600   |
| · Arm cylinder assembly                                         | 360                | 790   |
| · Bucket cylinder assembly                                      | 140                | 310   |
| · Bucket control linkage total                                  | 110                | 240   |

※ This information is different with operating and transportation weight because it is not including harness, pipe, oil, fuel so on.

※ Refer to Transportation for actual weight information and Specifications for operating weight.

### 3) HX300 L HIGH WALKER

| Item                                                            | HX300 L HIGH WALKER |       |
|-----------------------------------------------------------------|---------------------|-------|
|                                                                 | kg                  | lb    |
| Upperstructure assembly                                         |                     |       |
| · Main frame weld assembly                                      | 2720                | 6000  |
| · Engine assembly                                               | 520                 | 1150  |
| · Aftertreatment assy                                           | 94                  | 210   |
| · Main pump assembly                                            | 140                 | 310   |
| · Main control valve assembly                                   | 220                 | 490   |
| · Swing motor assembly                                          | 350                 | 770   |
| · Hydraulic oil tank assembly                                   | 270                 | 600   |
| · Fuel tank assembly                                            | 235                 | 520   |
| · Counterweight                                                 | 5200                | 11460 |
| · Cab assembly                                                  | 490                 | 1080  |
| Lower chassis assembly                                          |                     |       |
| · Track frame weld assembly                                     | 5825                | 12840 |
| · Swing bearing                                                 | 435                 | 960   |
| · Travel motor assembly                                         | 360                 | 790   |
| · Turning joint                                                 | 54                  | 120   |
| · Sprocket                                                      | 83                  | 180   |
| · Track recoil spring                                           | 225                 | 500   |
| · Idler                                                         | 260                 | 570   |
| · Carrier roller                                                | 35                  | 80    |
| · Track roller                                                  | 56                  | 120   |
| · Track-chain assembly<br>(600 mm standard triple grouser shoe) | 1880                | 4150  |
| Front attachment assembly                                       |                     |       |
| · 6.25 m boom assembly                                          | 2280                | 5030  |
| · 3.05 m arm assembly                                           | 1040                | 2290  |
| · 1.27 m³ SAE heaped bucket                                     | 1100                | 2430  |
| · Boom cylinder assembly                                        | 270                 | 600   |
| · Arm cylinder assembly                                         | 360                 | 790   |
| · Bucket cylinder assembly                                      | 220                 | 490   |
| · Bucket control linkage total                                  | 110                 | 240   |

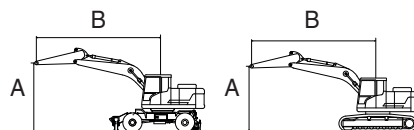
※ This information is different with operating and transportation weight because it is not including harness, pipe, oil, fuel so on.

※ Refer to Transportation for actual weight information and Specifications for operating weight.

## 5. LIFTING CAPACITIES

| Model   | Type      | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-----------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | MONO BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |           | 6250        | 3050        | 5200          | 600        | -          | -     | -    | -         | -    |

 : Rating over-front   
  : Rating over-side or 360 degree



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 1.5 m (4.9 ft)                                                                    |                                                                                   | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                   | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *4410                                                                               | *4410                                                                               | 7.38   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *9720                                                                               | *9720                                                                               | (24.2) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *6490                                                                             | 5820                                                                              |                                                                                     |                                                                                     | *4220                                                                               | *4220                                                                               | 8.30   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *14310                                                                            | 12830                                                                             |                                                                                     |                                                                                     | *9300                                                                               | *9300                                                                               | (27.2) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *9450                                                                             | *9450                                                                             | *7760                                                                             | *7760                                                                             | *6980                                                                             | 5650                                                                              |                                                                                     |                                                                                     | *4210                                                                               | *4210                                                                               | 8.86   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *20830                                                                            | *20830                                                                            | *17110                                                                            | *17110                                                                            | *15390                                                                            | 12460                                                                             |                                                                                     |                                                                                     | *9280                                                                               | *9280                                                                               | (29.1) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *12510                                                                            | 11510                                                                             | *9210                                                                             | 7550                                                                              | *7720                                                                             | 5430                                                                              | *5490                                                                               | 4080                                                                                | *4350                                                                               | 3980                                                                                | 9.14   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *27580                                                                            | 25380                                                                             | *20300                                                                            | 16640                                                                             | *17020                                                                            | 11970                                                                             | *12100                                                                              | 8990                                                                                | *9590                                                                               | 8770                                                                                | (30.0) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *14900                                                                            | 10740                                                                             | *10550                                                                            | 7150                                                                              | 8220                                                                              | 5210                                                                              | *6190                                                                               | 3990                                                                                | *4640                                                                               | 3870                                                                                | 9.17   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *32850                                                                            | 23680                                                                             | *23260                                                                            | 15760                                                                             | 18120                                                                             | 11490                                                                             | *13650                                                                              | 8800                                                                                | *10230                                                                              | 8530                                                                                | (30.1) |
| Ground Line           | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *15940                                                                            | 10420                                                                             | 11290                                                                             | 6890                                                                              | 8050                                                                              | 5060                                                                              |                                                                                     |                                                                                     | *5160                                                                               | 3960                                                                                | 8.94   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *35140                                                                            | 22970                                                                             | 24890                                                                             | 15190                                                                             | 17750                                                                             | 11160                                                                             |                                                                                     |                                                                                     | *11380                                                                              | 8730                                                                                | (29.3) |
| -1.5 m (-4.9 ft)      | kg | *7650                                                                             | *7650                                                                             | *11100                                                                            | *11100                                                                            | *15950                                                                            | 10360                                                                             | 11170                                                                             | 6790                                                                              | 7980                                                                              | 4990                                                                              |                                                                                     |                                                                                     | *6050                                                                               | 4270                                                                                | 8.44   |
|                       | lb | *16870                                                                            | *16870                                                                            | *24470                                                                            | *24470                                                                            | *35160                                                                            | 22840                                                                             | 24630                                                                             | 14970                                                                             | 17590                                                                             | 11000                                                                             |                                                                                     |                                                                                     | *13340                                                                              | 9410                                                                                | (27.7) |
| -3.0 m (-9.8 ft)      | kg | *13100                                                                            | *13100                                                                            | *17910                                                                            | *17910                                                                            | *15100                                                                            | 10470                                                                             | 11230                                                                             | 6830                                                                              | 8060                                                                              | 5060                                                                              |                                                                                     |                                                                                     | *7770                                                                               | 4970                                                                                | 7.61   |
|                       | lb | *28880                                                                            | *28880                                                                            | *39480                                                                            | *39480                                                                            | *33290                                                                            | 23080                                                                             | 24760                                                                             | 15060                                                                             | 17770                                                                             | 11160                                                                             |                                                                                     |                                                                                     | *17130                                                                              | 10960                                                                               | (25.0) |
| -4.5 m (-14.8 ft)     | kg |                                                                                   |                                                                                   | *18100                                                                            | *18100                                                                            | *13040                                                                            | 10770                                                                             | *9550                                                                             | 7070                                                                              |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *8810                                                                               | 6620                                                                                | 6.32   |
|                       | lb |                                                                                   |                                                                                   | *39900                                                                            | *39900                                                                            | *28750                                                                            | 23740                                                                             | *21050                                                                            | 15590                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *19420                                                                              | 14590                                                                               | (20.7) |

Note 1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

Lifting capacities will vary with different work tools, ground conditions and attachments.

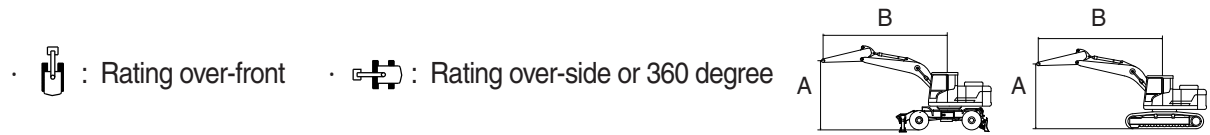
The difference between the weight of a work tool attachment must be subtracted.

Consult your HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.

▲ Failure to comply to the rated load can cause possible personal injury or property damage.

Make adjustments to the rated load as necessary for non-standard configurations.

| Model   | Type      | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-----------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | MONO BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |           | 6250        | 2100        | 5200          | 600        | -          | -     | -    | -         | -    |



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *7670                                                                             | *7670                                                                             |                                                                                   |                                                                                     | *7890                                                                               | 7410                                                                                | 6.40   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *16910                                                                            | *16910                                                                            |                                                                                   |                                                                                     | *17390                                                                              | 16340                                                                               | (21.0) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *7900                                                                             | *7900                                                                             |                                                                                   |                                                                                     | *7790                                                                               | 5740                                                                                | 7.44   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *17420                                                                            | *17420                                                                            |                                                                                   |                                                                                     | *17170                                                                              | 12650                                                                               | (24.4) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *8950                                                                             | 7830                                                                              | *7930                                                                             | 5580                                                                                | 7640                                                                                | 4950                                                                                | 8.06   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *19730                                                                            | 17260                                                                             | *17480                                                                            | 12300                                                                               | 16840                                                                               | 10910                                                                               | (26.5) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *10270                                                                            | 7420                                                                              | 8420                                                                              | 5400                                                                                | 7100                                                                                | 4570                                                                                | 8.37   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *22640                                                                            | 16360                                                                             | 18560                                                                             | 11900                                                                               | 15650                                                                               | 10080                                                                               | (27.5) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11350                                                                            | 7110                                                                              | 8240                                                                              | 5230                                                                                | 6970                                                                                | 4470                                                                                | 8.40   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *25020                                                                            | 15670                                                                             | 18170                                                                             | 11530                                                                               | 15370                                                                               | 9850                                                                                | (27.6) |
| Ground Line           | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 11340                                                                             | 6950                                                                              | 8130                                                                              | 5140                                                                                | 7230                                                                                | 4610                                                                                | 8.16   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 25000                                                                             | 15320                                                                             | 17920                                                                             | 11330                                                                               | 15940                                                                               | 10160                                                                               | (26.8) |
| -1.5 m (-4.9 ft)      | kg |                                                                                   |                                                                                   | *15530                                                                            | 10610                                                                             | 11330                                                                             | 6940                                                                              | 8170                                                                              | 5170                                                                                | 8030                                                                                | 5100                                                                                | 7.60   |
|                       | lb |                                                                                   |                                                                                   | *34240                                                                            | 23390                                                                             | 24980                                                                             | 15300                                                                             | 18010                                                                             | 11400                                                                               | 17700                                                                               | 11240                                                                               | (24.9) |
| -3.0 m (-9.8 ft)      | kg | *18440                                                                            | *18440                                                                            | *14030                                                                            | 10810                                                                             | *10600                                                                            | 7090                                                                              |                                                                                   |                                                                                     | *9060                                                                               | 6220                                                                                | 6.66   |
|                       | lb | *40650                                                                            | *40650                                                                            | *30930                                                                            | 23830                                                                             | *23370                                                                            | 15630                                                                             |                                                                                   |                                                                                     | *19970                                                                              | 13710                                                                               | (21.9) |
| -4.5 m (-14.8 ft)     | kg |                                                                                   |                                                                                   | *10580                                                                            | *10580                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                     | *8760                                                                               | *8760                                                                               | 5.12   |
|                       | lb |                                                                                   |                                                                                   | *23320                                                                            | *23320                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                     | *19310                                                                              | *19310                                                                              | (16.8) |

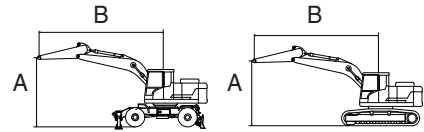
| Model   | Type      | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-----------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | MONO BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |           | 6250        | 2500        | 5200          | 600        | -          | -     | -    | -         | -    |



: Rating over-front



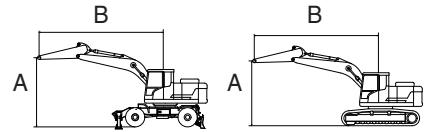
: Rating over-side or 360 degree



| Lift-point height (A) |    | Lift-point radius (B) |        |                 |        |                 |        |                 |       | At max. reach |        |        |
|-----------------------|----|-----------------------|--------|-----------------|--------|-----------------|--------|-----------------|-------|---------------|--------|--------|
|                       |    | 3.0 m (9.8 ft)        |        | 4.5 m (14.8 ft) |        | 6.0 m (19.7 ft) |        | 7.5 m (24.6 ft) |       | Capacity      |        | Reach  |
|                       |    |                       |        |                 |        |                 |        |                 |       |               |        | m (ft) |
| 7.5 m (24.6 ft)       | kg |                       |        |                 |        | *6980           | *6980  |                 |       | *6760         | *6760  | 6.74   |
|                       | lb |                       |        |                 |        | *15390          | *15390 |                 |       | *14900        | *14900 | (22.1) |
| 6.0 m (19.7 ft)       | kg |                       |        |                 |        | *7380           | *7380  | *7170           | 5740  | *6440         | 5430   | 7.74   |
|                       | lb |                       |        |                 |        | *16270          | *16270 | *15810          | 12650 | *14200        | 11970  | (25.4) |
| 4.5 m (14.8 ft)       | kg |                       |        | *10660          | *10660 | *8470           | 7900   | *7530           | 5610  | *6420         | 4710   | 8.34   |
|                       | lb |                       |        | *23500          | *23500 | *18670          | 17420  | *16600          | 12370 | *14150        | 10380  | (27.4) |
| 3.0 m (9.8 ft)        | kg |                       |        | *13720          | 11240  | *9850           | 7470   | *8180           | 5410  | *6640         | 4360   | 8.64   |
|                       | lb |                       |        | *30250          | 24780  | *21720          | 16470  | *18030          | 11930 | *14640        | 9610   | (28.3) |
| 1.5 m (4.9 ft)        | kg |                       |        |                 |        | *11040          | 7120   | 8230            | 5220  | 6640          | 4250   | 8.67   |
|                       | lb |                       |        |                 |        | *24340          | 15700  | 18140           | 11510 | 14640         | 9370   | (28.4) |
| Ground Line           | kg |                       |        | *16170          | 10470  | 11310           | 6920   | 8100            | 5100  | 6850          | 4360   | 8.43   |
|                       | lb |                       |        | *35650          | 23080  | 24930           | 15260  | 17860           | 11240 | 15100         | 9610   | (27.7) |
| -1.5 m (-4.9 ft)      | kg | *11150                | *11150 | *15780          | 10490  | 11260           | 6870   | 8080            | 5090  | 7530          | 4770   | 7.89   |
|                       | lb | *24580                | *24580 | *34790          | 23130  | 24820           | 15150  | 17810           | 11220 | 16600         | 10520  | (25.9) |
| -3.0 m (-9.8 ft)      | kg | *19830                | *19830 | *14550          | 10660  | *10980          | 6980   |                 |       | *9000         | 5700   | 6.99   |
|                       | lb | *43720                | *43720 | *32080          | 23500  | *24210          | 15390  |                 |       | *19840        | 12570  | (22.9) |
| -4.5 m (-14.8 ft)     | kg | *15970                | *15970 | *11820          | 11040  |                 |        |                 |       | *9210         | 8150   | 5.55   |
|                       | lb | *35210                | *35210 | *26060          | 24340  |                 |        |                 |       | *20300        | 17970  | (18.2) |

| Model   | Type      | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-----------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | MONO BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |           | 6250        | 3750        | 5200          | 600        | -          | -     | -    | -         | -    |

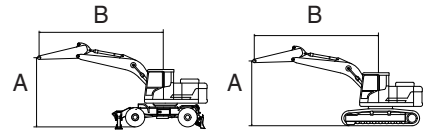
 : Rating over-front    
  : Rating over-side or 360 degree



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 1.5 m (4.9 ft)                                                                    |                                                                                   | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                    | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *5120                                                                             | *5120                                                                              |                                                                                     |                                                                                     | *3490                                                                               | *3490                                                                               | 8.14   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11290                                                                            | *11290                                                                             |                                                                                     |                                                                                     | *7690                                                                               | *7690                                                                               | (26.7) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *5700                                                                             | *5700                                                                              |                                                                                     |                                                                                     | *3370                                                                               | *3370                                                                               | 8.97   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *12570                                                                            | *12570                                                                             |                                                                                     |                                                                                     | *7430                                                                               | *7430                                                                               | (29.4) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *6830                                                                             | *6830                                                                             | *6290                                                                             | 5730                                                                               | *5230                                                                               | 4220                                                                                | *3380                                                                               | *3380                                                                               | 9.50   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *15060                                                                            | *15060                                                                            | *13870                                                                            | 12630                                                                              | *11530                                                                              | 9300                                                                                | *7450                                                                               | *7450                                                                               | (31.2) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *10960                                                                            | *10960                                                                            | *8340                                                                             | 7690                                                                              | *7110                                                                             | 5480                                                                               | 6380                                                                                | 4100                                                                                | *3490                                                                               | *3490                                                                               | 9.76   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *24160                                                                            | *24160                                                                            | *18390                                                                            | 16950                                                                             | *15670                                                                            | 12080                                                                              | 14070                                                                               | 9040                                                                                | *7690                                                                               | *7690                                                                               | (32.0) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *13740                                                                            | 10950                                                                             | *9850                                                                             | 7220                                                                              | *7970                                                                             | 5220                                                                               | 6240                                                                                | 3970                                                                                | *3720                                                                               | 3480                                                                                | 9.79   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *30290                                                                            | 24140                                                                             | *21720                                                                            | 15920                                                                             | *17570                                                                            | 11510                                                                              | 13760                                                                               | 8750                                                                                | *8200                                                                               | 7670                                                                                | (32.1) |
| Ground Line           | kg |                                                                                   |                                                                                   | *6810                                                                             | *6810                                                                             | *15380                                                                            | 10430                                                                             | *10980                                                                            | 6890                                                                              | 8030                                                                              | 5030                                                                               | 6120                                                                                | 3860                                                                                | *4110                                                                               | 3530                                                                                | 9.58   |
|                       | lb |                                                                                   |                                                                                   | *15010                                                                            | *15010                                                                            | *33910                                                                            | 22990                                                                             | *24210                                                                            | 15190                                                                             | 17700                                                                             | 11090                                                                              | 13490                                                                               | 8510                                                                                | *9060                                                                               | 7780                                                                                | (31.4) |
| -1.5 m (-4.9 ft)      | kg | *7070                                                                             | *7070                                                                             | *10570                                                                            | *10570                                                                            | *15920                                                                            | 10250                                                                             | 11100                                                                             | 6720                                                                              | 7900                                                                              | 4910                                                                               | *5710                                                                               | 3820                                                                                | *4750                                                                               | 3760                                                                                | 9.11   |
|                       | lb | *15590                                                                            | *15590                                                                            | *23300                                                                            | *23300                                                                            | *35100                                                                            | 22600                                                                             | 24470                                                                             | 14820                                                                             | 17420                                                                             | 10820                                                                              | *12590                                                                              | 8420                                                                                | *10470                                                                              | 8290                                                                                | (29.9) |
| -3.0 m (-9.8 ft)      | kg | *11090                                                                            | *11090                                                                            | *15460                                                                            | *15460                                                                            | *15540                                                                            | 10270                                                                             | 11080                                                                             | 6690                                                                              | 7900                                                                              | 4910                                                                               |                                                                                     |                                                                                     | *5900                                                                               | 4270                                                                                | 8.35   |
|                       | lb | *24450                                                                            | *24450                                                                            | *34080                                                                            | *34080                                                                            | *34260                                                                            | 22640                                                                             | 24430                                                                             | 14750                                                                             | 17420                                                                             | 10820                                                                              |                                                                                     |                                                                                     | *13010                                                                              | 9410                                                                                | (27.4) |
| -4.5 m (-14.8 ft)     | kg | *15990                                                                            | *15990                                                                            | *20280                                                                            | *20280                                                                            | *14140                                                                            | 10480                                                                             | *10510                                                                            | 6830                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *8250                                                                               | 5350                                                                                | 7.19   |
|                       | lb | *35250                                                                            | *35250                                                                            | *44710                                                                            | *44710                                                                            | *31170                                                                            | 23100                                                                             | *23170                                                                            | 15060                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *18190                                                                              | 11790                                                                               | (23.6) |

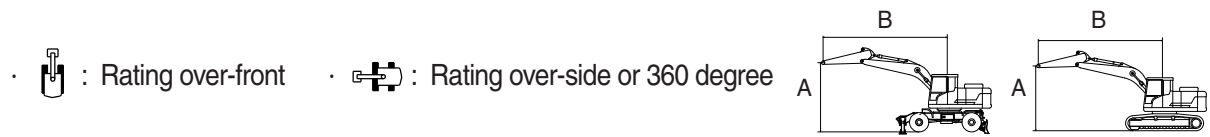
| Model   | Type       | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | Long reach | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |            | 10200       | 7850        | 7000          | 800        | -          | -     | -    | -         | -    |

 : Rating over-front   
  : Rating over-side or 360 degree



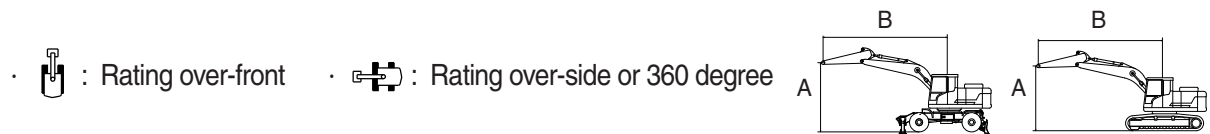
| Lift-point height (A) | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |                |                |                |                 |
|-----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|----------------|----------------|-----------------|
|                       | 0.5 m (-1.6 ft)                                                                   |                                                                                   | 1.0 m (3.3 ft)                                                                    |                                                                                   | 2.5m (8.2ft)                                                                      |                                                                                   | 4.0m (13.1ft)                                                                     |                                                                                   | 5.5m (18.0ft)                                                                     |                                                                                   | 7.0m (23.0ft)                                                                     |                                                                                   | 8.5m (27.9ft)                                                                     |                                                                                   | 10.0m (32.8ft)                                                                    |                                                                                   | 11.5m (37.7ft)                                                                    |                                                                                     | 13.0m (42.7ft)                                                                      |                                                                                     | 14.5m (47.6ft)                                                                      |                                                                                     | 16.0m (52.5ft)                                                                      |                                                                                     | Capacity                                                                            | Reach                                                                               |                |                |                |                 |
|                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m (ft)         |                |                |                 |
| 12.4 m<br>40.7 ft     | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *780<br>*1720  | *780<br>*1720  | 13.80<br>(45.3) |
| 10.9 m<br>35.8 ft     | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *750<br>*1650  | *750<br>*1650  | 14.82<br>(48.6) |
| 9.4 m<br>30.8 ft      | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *730<br>*1610  | *730<br>*1610  | 15.63<br>(51.3) |
| 7.9 m<br>25.9 ft      | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *720<br>*1590  | *720<br>*1590  | 16.25<br>(53.3) |
| 6.4 m<br>21.0 ft      | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *730<br>*1610  | *730<br>*1610  | 16.72<br>(54.9) |
| 4.9 m<br>16.1 ft      | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *750<br>*1650  | *750<br>*1650  | 17.04<br>(55.9) |
| 3.4 m<br>11.2 ft      | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *1700<br>*1700 | *1700<br>*1700 | 17.23<br>(56.5) |
| 1.9 m<br>6.2 ft       | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *820<br>*1810  | *820<br>*1810  | 17.28<br>(56.7) |
| 0.4 m<br>1.3 ft       | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *870<br>*1920  | *870<br>*1920  | 17.20<br>(56.4) |
| -1.1 m<br>-3.6 ft     | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *950<br>*2090  | *950<br>*2090  | 16.98<br>(55.7) |
| -2.6 m<br>-8.5 ft     | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *1050<br>*2310 | *1050<br>*2310 | 16.63<br>(54.6) |
| -4.1 m<br>-13.5 ft    | kg<br>lb                                                                          | *2400<br>*5290                                                                    | *2400<br>*5290                                                                    | *2390<br>*5270                                                                    | *2390<br>*5270                                                                    | *2750<br>*6060                                                                    | *2750<br>*6060                                                                    | *3620<br>*7980                                                                    | *3620<br>*7980                                                                    | *5330<br>*11750                                                                   | *5330<br>*11750                                                                   | *8260<br>*18210                                                                   | *8260<br>*18210                                                                   | *6590<br>*14530                                                                   | *6590<br>*14530                                                                   | *4060<br>*8950                                                                    | *4060<br>*8950                                                                    | *5370<br>*11840                                                                     | *5370<br>*11840                                                                     | *3260<br>*7190                                                                      | *3260<br>*7190                                                                      | *4430<br>*9770                                                                      | *4430<br>*9770                                                                      | *2690<br>*5930                                                                      | *2690<br>*5930                                                                      | *3740<br>*8250                                                                      | *3740<br>*8250 | *2260<br>*4980 | *2260<br>*4980 | 16.12<br>(52.9) |
| -5.6 m<br>-18.4 ft    | kg<br>lb                                                                          | *2930<br>*6460                                                                    | *2930<br>*6460                                                                    | *3040<br>*6700                                                                    | *3040<br>*6700                                                                    | *3470<br>*7650                                                                    | *3470<br>*7650                                                                    | *4380<br>*9660                                                                    | *4380<br>*9660                                                                    | *6070<br>*13380                                                                   | *6070<br>*13380                                                                   | *8390<br>*18500                                                                   | *8390<br>*18500                                                                   | *5190<br>*11440                                                                   | *5190<br>*11440                                                                   | *6640<br>*14640                                                                   | *6640<br>*14640                                                                   | *3990<br>*8800                                                                      | *3990<br>*8800                                                                      | *5300<br>*11680                                                                     | *5300<br>*11680                                                                     | *3200<br>*7050                                                                      | *3200<br>*7050                                                                      | *4380<br>*9660                                                                      | *4380<br>*9660                                                                      | *2640<br>*5820                                                                      | *2640<br>*5820 | *3700<br>*8160 | *3700<br>*8160 | 15.46<br>(50.7) |
| -7.1 m<br>-23.3 ft    | kg<br>lb                                                                          | *3510<br>*7740                                                                    | *3510<br>*7740                                                                    | *3740<br>*8250                                                                    | *3740<br>*8250                                                                    | *4270<br>*9410                                                                    | *4270<br>*9410                                                                    | *5260<br>*11600                                                                   | *5260<br>*11600                                                                   | *7080<br>*15610                                                                   | *7080<br>*15610                                                                   | *8340<br>*18390                                                                   | *8340<br>*18390                                                                   | *5210<br>*11490                                                                   | *5210<br>*11490                                                                   | *6640<br>*14640                                                                   | *6640<br>*14640                                                                   | *3980<br>*8770                                                                      | *3980<br>*8770                                                                      | *5290<br>*11660                                                                     | *5290<br>*11660                                                                     | *3190<br>*7030                                                                      | *3190<br>*7030                                                                      | *4370<br>*9630                                                                      | *4370<br>*9630                                                                      | *2640<br>*5820                                                                      | *2640<br>*5820 | *3710<br>*8180 | *3710<br>*8180 | 14.61<br>(47.9) |
| -8.6 m<br>-28.2 ft    | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *2030<br>*4480 | *2030<br>*4480 | 13.53<br>(44.4) |
| -10.1 m<br>-33.1 ft   | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *2750<br>*6060 | 2600<br>5730   | 12.18<br>(40.0) |
| -11.6 m<br>-38.1 ft   | kg<br>lb                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                | *4200<br>*9260 | 3350<br>7390   | 10.44<br>(34.2) |

| Model   | Type         | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|--------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | 2-PIECE BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |              | 6250        | 2100        | 7500          | 600        | -          | -     | -    | -         | -    |



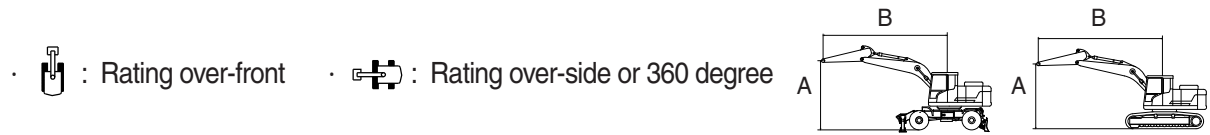
| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                   | 9.0 m (29.5 ft)                                                                    |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0 m (29.5 ft)       | kg |                                                                                   |                                                                                   | *12270                                                                            | *12270                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *11940                                                                              | *11940                                                                              | 4.58   |
|                       | lb |                                                                                   |                                                                                   | *27050                                                                            | *27050                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *26320                                                                              | *26320                                                                              | (15.0) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   | *11390                                                                            | *11390                                                                            | *9440                                                                             | *9440                                                                             |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *9270                                                                               | 8880                                                                                | 6.35   |
|                       | lb |                                                                                   |                                                                                   | *25110                                                                            | *25110                                                                            | *20810                                                                            | *20810                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *20440                                                                              | 19580                                                                               | (20.8) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   | *12450                                                                            | *12450                                                                            | *9540                                                                             | *9540                                                                             |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *8140                                                                               | 6890                                                                                | 7.41   |
|                       | lb |                                                                                   |                                                                                   | *27450                                                                            | *27450                                                                            | *21030                                                                            | *21030                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *17950                                                                              | 15190                                                                               | (24.3) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *10460                                                                            | 9350                                                                              | *8100                                                                             | 6690                                                                              |                                                                                    |                                                                                     | *7640                                                                               | 5960                                                                                | 8.05   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *23060                                                                            | 20610                                                                             | *17860                                                                            | 14750                                                                             |                                                                                    |                                                                                     | *16840                                                                              | 13140                                                                               | (26.4) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *12000                                                                            | 8910                                                                              | *8540                                                                             | 6510                                                                              |                                                                                    |                                                                                     | *7520                                                                               | 5520                                                                                | 8.38   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *26460                                                                            | 19640                                                                             | *18830                                                                            | 14350                                                                             |                                                                                    |                                                                                     | *16580                                                                              | 12170                                                                               | (27.5) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 13540                                                                             | 8580                                                                              | *9090                                                                             | 6340                                                                              |                                                                                    |                                                                                     | *7690                                                                               | 5410                                                                                | 8.42   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 29850                                                                             | 18920                                                                             | *20040                                                                            | 13980                                                                             |                                                                                    |                                                                                     | *16950                                                                              | 11930                                                                               | (27.6) |
| Ground Line           | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 13360                                                                             | 8410                                                                              | *9510                                                                             | 6240                                                                              |                                                                                    |                                                                                     | *8200                                                                               | 5580                                                                                | 8.19   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 29450                                                                             | 18540                                                                             | *20970                                                                            | 13760                                                                             |                                                                                    |                                                                                     | *18080                                                                              | 12300                                                                               | (26.9) |
| -1.5 m (-4.9 ft)      | kg |                                                                                   |                                                                                   | *14820                                                                            | 12810                                                                             | *11970                                                                            | 8410                                                                              | *8830                                                                             | 6280                                                                              |                                                                                    |                                                                                     | *8300                                                                               | 6140                                                                                | 7.66   |
|                       | lb |                                                                                   |                                                                                   | *32670                                                                            | 28240                                                                             | *26390                                                                            | 18540                                                                             | *19470                                                                            | 13850                                                                             |                                                                                    |                                                                                     | *18300                                                                              | 13540                                                                               | (25.1) |
| -3.0 m (-9.8 ft)      | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *9040                                                                             | 8590                                                                              |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |        |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *19930                                                                            | 18940                                                                             |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |        |

| Model   | Type            | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-----------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | 2-PIECE<br>BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |                 | 6250        | 2500        | 7500          | 600        | -          | -     | -    | -         | -    |



| Lift-point<br>height (A) |          | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |                |
|--------------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
|                          |          | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                   | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach          |
|                          |          |  |  |  |  |  |  |  |  |  |  |  |  | m (ft)         |
| 9.0 m<br>(29.5 ft)       | kg<br>lb |                                                                                   |                                                                                   | *9800<br>*21610                                                                   | *9800<br>*21610                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *9000<br>*19840                                                                     | *9000<br>*19840                                                                     | 5.09<br>(16.7) |
| 7.5 m<br>(24.6 ft)       | kg<br>lb |                                                                                   |                                                                                   | *9870<br>*21760                                                                   | *9870<br>*21760                                                                   | *8870<br>*19550                                                                   | *8870<br>*19550                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *7750<br>*17090                                                                     | *7750<br>*17090                                                                     | 6.73<br>(22.1) |
| 6.0 m<br>(19.7 ft)       | kg<br>lb | *11920<br>*26280                                                                  | *11920<br>*26280                                                                  | *11130<br>*24540                                                                  | *11130<br>*24540                                                                  | *9100<br>*20060                                                                   | *9100<br>*20060                                                                   | *7570<br>*16690                                                                   | 6860<br>15120                                                                     |                                                                                     |                                                                                     | *7290<br>*16070                                                                     | 6500<br>14330                                                                       | 7.73<br>(25.4) |
| 4.5 m<br>(14.8 ft)       | kg<br>lb |                                                                                   |                                                                                   | *14530<br>*32030                                                                  | *14530<br>*32030                                                                  | *9990<br>*22020                                                                   | 9430<br>20790                                                                     | *7780<br>*17150                                                                   | 6730<br>14840                                                                     |                                                                                     |                                                                                     | *7040<br>*15520                                                                     | 5670<br>12500                                                                       | 8.35<br>(27.4) |
| 3.0 m<br>(9.8 ft)        | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11470<br>*25290                                                                  | 8970<br>19780                                                                     | *8260<br>*18210                                                                   | 6520<br>14370                                                                     |                                                                                     |                                                                                     | *6960<br>*15340                                                                     | 5260<br>11600                                                                       | 8.67<br>(28.4) |
| 1.5 m<br>(4.9 ft)        | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *13240<br>*29190                                                                  | 8590<br>18940                                                                     | *8850<br>*19510                                                                   | 6330<br>13960                                                                     |                                                                                     |                                                                                     | *7140<br>*15740                                                                     | 5140<br>11330                                                                       | 8.71<br>(28.6) |
| Ground<br>Line           | kg<br>lb |                                                                                   |                                                                                   | *17730<br>*39090                                                                  | 12640<br>27870                                                                    | 13330<br>29390                                                                    | 8380<br>18470                                                                     | *9350<br>*20610                                                                   | 6200<br>13670                                                                     |                                                                                     |                                                                                     | *7460<br>*16450                                                                     | 5270<br>11620                                                                       | 8.48<br>(27.8) |
| -1.5 m<br>(-4.9 ft)      | kg<br>lb |                                                                                   |                                                                                   | *15730<br>*34680                                                                  | 12680<br>27950                                                                    | *12400<br>*27340                                                                  | 8340<br>18390                                                                     | *9480<br>*20900                                                                   | 6190<br>13650                                                                     |                                                                                     |                                                                                     | *8400<br>*18520                                                                     | 5750<br>12680                                                                       | 7.97<br>(26.1) |
| -3.0 m<br>(-9.8 ft)      | kg<br>lb |                                                                                   |                                                                                   | *12570<br>*27710                                                                  | *12570<br>*27710                                                                  | *9980<br>*22000                                                                   | 8460<br>18650                                                                     |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *7450<br>*16420                                                                     | 6810<br>15010                                                                       | 7.10<br>(23.3) |

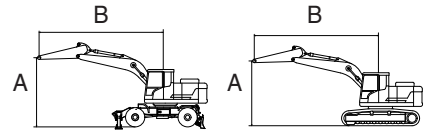
| Model   | Type         | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|--------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | 2-PIECE BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |              | 6250        | 3050        | 7500          | 600        | -          | -     | -    | -         | -    |



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                   | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0 m (29.5 ft)       | kg |                                                                                   |                                                                                   | *8820                                                                             | *8820                                                                             | *5960                                                                             | *5960                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *5620                                                                               | *5620                                                                               | 6.06   |
|                       | lb |                                                                                   |                                                                                   | *19440                                                                            | *19440                                                                            | *13140                                                                            | *13140                                                                            |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *12390                                                                              | *12390                                                                              | (19.9) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   | *8660                                                                             | *8660                                                                             | *8280                                                                             | *8280                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *4990                                                                               | *4990                                                                               | 7.46   |
|                       | lb |                                                                                   |                                                                                   | *19090                                                                            | *19090                                                                            | *18250                                                                            | *18250                                                                            |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *11000                                                                              | *11000                                                                              | (24.5) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   | *9630                                                                             | *9630                                                                             | *8600                                                                             | *8600                                                                             | *7100                                                                             | 6940                                                                              |                                                                                     |                                                                                     | *4740                                                                               | *4740                                                                               | 8.37   |
|                       | lb |                                                                                   |                                                                                   | *21230                                                                            | *21230                                                                            | *18960                                                                            | *18960                                                                            | *15650                                                                            | 15300                                                                             |                                                                                     |                                                                                     | *10450                                                                              | *10450                                                                              | (27.5) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   | *13240                                                                            | *13240                                                                            | *9450                                                                             | *9450                                                                             | *7410                                                                             | 6770                                                                              |                                                                                     |                                                                                     | *4690                                                                               | *4690                                                                               | 8.93   |
|                       | lb |                                                                                   |                                                                                   | *29190                                                                            | *29190                                                                            | *20830                                                                            | *20830                                                                            | *16340                                                                            | 14930                                                                             |                                                                                     |                                                                                     | *10340                                                                              | *10340                                                                              | (29.3) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   | *17310                                                                            | 13700                                                                             | *10880                                                                            | 9020                                                                              | *7930                                                                             | 6530                                                                              | *6360                                                                               | 4950                                                                                | *4810                                                                               | 4770                                                                                | 9.21   |
|                       | lb |                                                                                   |                                                                                   | *38160                                                                            | 30200                                                                             | *23990                                                                            | 19890                                                                             | *17480                                                                            | 14400                                                                             | *14020                                                                              | 10910                                                                               | *10600                                                                              | 10520                                                                               | (30.2) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   | *18670                                                                            | 12890                                                                             | *12670                                                                            | 8590                                                                              | *8570                                                                             | 6300                                                                              | *6580                                                                               | 4850                                                                                | *5090                                                                               | 4670                                                                                | 9.24   |
|                       | lb |                                                                                   |                                                                                   | *41160                                                                            | 28420                                                                             | *27930                                                                            | 18940                                                                             | *18890                                                                            | 13890                                                                             | *14510                                                                              | 10690                                                                               | *11220                                                                              | 10300                                                                               | (30.3) |
| Ground Line           | kg |                                                                                   |                                                                                   | *18290                                                                            | 12560                                                                             | 13280                                                                             | 8330                                                                              | *9140                                                                             | 6140                                                                              | *5760                                                                               | 4800                                                                                | *5590                                                                               | 4790                                                                                | 9.01   |
|                       | lb |                                                                                   |                                                                                   | *40320                                                                            | 27690                                                                             | 29280                                                                             | 18360                                                                             | *20150                                                                            | 13540                                                                             | *12700                                                                              | 10580                                                                               | *12320                                                                              | 10560                                                                               | (29.6) |
| -1.5 m (-4.9 ft)      | kg | *12160                                                                            | *12160                                                                            | *16670                                                                            | 12520                                                                             | *12820                                                                            | 8230                                                                              | 9440                                                                              | 6080                                                                              |                                                                                     |                                                                                     | *6450                                                                               | 5170                                                                                | 8.51   |
|                       | lb | *26810                                                                            | *26810                                                                            | *36750                                                                            | 27600                                                                             | *28260                                                                            | 18140                                                                             | 20810                                                                             | 13400                                                                             |                                                                                     |                                                                                     | *14220                                                                              | 11400                                                                               | (27.9) |
| -3.0 m (-9.8 ft)      | kg |                                                                                   |                                                                                   | *13870                                                                            | 12670                                                                             | *10860                                                                            | 8300                                                                              | *7840                                                                             | 6180                                                                              |                                                                                     |                                                                                     | *7310                                                                               | 6000                                                                                | 7.69   |
|                       | lb |                                                                                   |                                                                                   | *30580                                                                            | 27930                                                                             | *23940                                                                            | 18300                                                                             | *17280                                                                            | 13620                                                                             |                                                                                     |                                                                                     | *16120                                                                              | 13230                                                                               | (25.2) |

| Model    | Type      | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|----------|-----------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 NL | MONO BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|          |           | 6250        | 2100        | 5200          | 600        | -          | -     | -    | -         | -    |

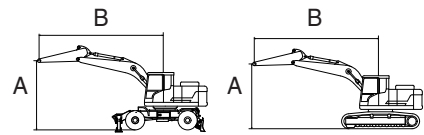
 : Rating over-front    
  : Rating over-side or 360 degree



| Lift-point height (A) |          | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | At max. reach                                                                       |                                                                                     |                |
|-----------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
|                       |          | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                     | Capacity                                                                            |                                                                                     | Reach          |
|                       |          |  |  |  |  |  |  |  |  |  |  | m (ft)         |
| 7.5 m<br>(24.6 ft)    | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *7690<br>*16950                                                                   | 7600<br>16760                                                                     |                                                                                   |                                                                                     | *7920<br>*17460                                                                     | 6780<br>14950                                                                       | 6.40<br>(21.0) |
| 6.0 m<br>(19.7 ft)    | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *7930<br>*17480                                                                   | 7480<br>16490                                                                     |                                                                                   |                                                                                     | *7810<br>*17220                                                                     | 5250<br>11570                                                                       | 7.44<br>(24.4) |
| 4.5 m<br>(14.8 ft)    | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *8980<br>*19800                                                                   | 7140<br>15740                                                                     | *7950<br>*17530                                                                   | 5100<br>11240                                                                       | 7610<br>16780                                                                       | 4520<br>9960                                                                        | 8.06<br>(26.5) |
| 3.0 m<br>(9.8 ft)     | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *10300<br>*22710                                                                  | 6750<br>14880                                                                     | 8380<br>18470                                                                     | 4930<br>10870                                                                       | 7070<br>15590                                                                       | 4170<br>9190                                                                        | 8.37<br>(27.5) |
| 1.5 m<br>(4.9 ft)     | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11390<br>*25110                                                                  | 6450<br>14220                                                                     | 8200<br>18080                                                                     | 4770<br>10520                                                                       | 6940<br>15300                                                                       | 4070<br>8970                                                                        | 8.40<br>(27.6) |
| Ground<br>Line        | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 11290<br>24890                                                                    | 6300<br>13890                                                                     | 8100<br>17860                                                                     | 4680<br>10320                                                                       | 7200<br>15870                                                                       | 4200<br>9260                                                                        | 8.16<br>(26.8) |
| -1.5 m<br>(-4.9 ft)   | kg<br>lb |                                                                                   |                                                                                   | *15560<br>*34300                                                                  | 9510<br>20970                                                                     | 11280<br>24870                                                                    | 6290<br>13870                                                                     | 8130<br>17920                                                                     | 4710<br>10380                                                                       | 7990<br>17610                                                                       | 4640<br>10230                                                                       | 7.60<br>(24.9) |
| -3.0 m<br>(-9.8 ft)   | kg<br>lb | *18480<br>*40740                                                                  | *18480<br>*40740                                                                  | *14060<br>*31000                                                                  | 9700<br>21380                                                                     | *10630<br>*23440                                                                  | 6430<br>14180                                                                     |                                                                                   |                                                                                     | *9090<br>*20040                                                                     | 5650<br>12460                                                                       | 6.66<br>(21.9) |
| -4.5 m<br>(-14.8 ft)  | kg<br>lb |                                                                                   |                                                                                   | *10610<br>*23390                                                                  | 10150<br>22380                                                                    |                                                                                   |                                                                                   |                                                                                   |                                                                                     | *8790<br>*19380                                                                     | 8490<br>18720                                                                       | 5.12<br>(16.8) |

| Model    | Type      | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|----------|-----------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 NL | MONO BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|          |           | 6250        | 2500        | 5200          | 600        | -          | -     | -    | -         | -    |

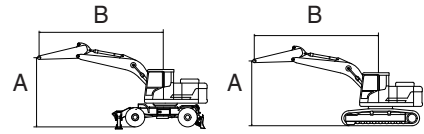
 : Rating over-front   
  : Rating over-side or 360 degree



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m                 | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *7020                                                                             | *7020                                                                             |                                                                                   |                                                                                     | *6800                                                                               | 6430                                                                                | 6.67   |
| (24.6 ft)             | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *15480                                                                            | *15480                                                                            |                                                                                   |                                                                                     | *14990                                                                              | 14180                                                                               | (21.9) |
| 6.0 m                 | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *7360                                                                             | *7360                                                                             | *7200                                                                             | 5260                                                                                | *6460                                                                               | 5040                                                                                | 7.68   |
| (19.7 ft)             | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *16230                                                                            | *16230                                                                            | *15870                                                                            | 11600                                                                               | *14240                                                                              | 11110                                                                               | (25.2) |
| 4.5 m                 | kg |                                                                                   |                                                                                   | *10530                                                                            | *10530                                                                            | *8420                                                                             | 7240                                                                              | *7520                                                                             | 5150                                                                                | *6430                                                                               | 4350                                                                                | 8.30   |
| (14.8 ft)             | lb |                                                                                   |                                                                                   | *23210                                                                            | *23210                                                                            | *18560                                                                            | 15960                                                                             | *16580                                                                            | 11350                                                                               | *14180                                                                              | 9590                                                                                | (27.2) |
| 3.0 m                 | kg |                                                                                   |                                                                                   | *13560                                                                            | 10180                                                                             | *9790                                                                             | 6830                                                                              | *8170                                                                             | 4950                                                                                | *6650                                                                               | 4010                                                                                | 8.61   |
| (9.8 ft)              | lb |                                                                                   |                                                                                   | *29890                                                                            | 22440                                                                             | *21580                                                                            | 15060                                                                             | *18010                                                                            | 10910                                                                               | *14660                                                                              | 8840                                                                                | (28.3) |
| 1.5 m                 | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *10990                                                                            | 6480                                                                              | 8210                                                                              | 4770                                                                                | 6640                                                                                | 3890                                                                                | 8.65   |
| (4.9 ft)              | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *24230                                                                            | 14290                                                                             | 18100                                                                             | 10520                                                                               | 14640                                                                               | 8580                                                                                | (28.4) |
| Ground Line           | kg |                                                                                   |                                                                                   | *16130                                                                            | 9400                                                                              | 11280                                                                             | 6280                                                                              | 8080                                                                              | 4650                                                                                | 6840                                                                                | 3980                                                                                | 8.42   |
|                       | lb |                                                                                   |                                                                                   | *35560                                                                            | 20720                                                                             | 24870                                                                             | 13850                                                                             | 17810                                                                             | 10250                                                                               | 15080                                                                               | 8770                                                                                | (27.6) |
| -1.5 m                | kg | *10890                                                                            | *10890                                                                            | *15780                                                                            | 9410                                                                              | 11220                                                                             | 6230                                                                              | 8050                                                                              | 4630                                                                                | 7490                                                                                | 4340                                                                                | 7.90   |
| (-4.9 ft)             | lb | *24010                                                                            | *24010                                                                            | *34790                                                                            | 20750                                                                             | 24740                                                                             | 13730                                                                             | 17750                                                                             | 10210                                                                               | 16510                                                                               | 9570                                                                                | (25.9) |
| -3.0 m                | kg | *19890                                                                            | 18990                                                                             | *14600                                                                            | 9570                                                                              | *11030                                                                            | 6320                                                                              |                                                                                   |                                                                                     | 8990                                                                                | 5170                                                                                | 7.02   |
| (-9.8 ft)             | lb | *43850                                                                            | 41870                                                                             | *32190                                                                            | 21100                                                                             | *24320                                                                            | 13930                                                                             |                                                                                   |                                                                                     | 19820                                                                               | 11400                                                                               | (23.0) |
| -4.5 m                | kg | *16160                                                                            | *16160                                                                            | *11970                                                                            | 9920                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                     | *9240                                                                               | 7290                                                                                | 5.60   |
| (-14.8 ft)            | lb | *35630                                                                            | *35630                                                                            | *26390                                                                            | 21870                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                     | *20370                                                                              | 16070                                                                               | (18.4) |

| Model    | Type      | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|----------|-----------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 NL | MONO BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|          |           | 6250        | 3050        | 5200          | 600        | -          | -     | -    | -         | -    |

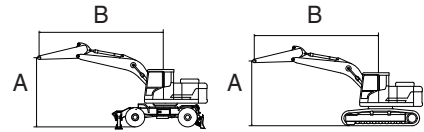
 : Rating over-front   
  : Rating over-side or 360 degree



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 1.5 m (4.9 ft)                                                                    |                                                                                   | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                    | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *4420                                                                               | *4420                                                                               | 7.38   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *9740                                                                               | *9740                                                                               | (24.2) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *6510                                                                             | 5330                                                                               |                                                                                     |                                                                                     | *4230                                                                               | *4230                                                                               | 8.30   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *14350                                                                            | 11750                                                                              |                                                                                     |                                                                                     | *9330                                                                               | *9330                                                                               | (27.2) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *9480                                                                             | *9480                                                                             | *7790                                                                             | 7320                                                                              | *7010                                                                             | 5170                                                                               |                                                                                     |                                                                                     | *4220                                                                               | 3910                                                                                | 8.86   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *20900                                                                            | *20900                                                                            | *17170                                                                            | 16140                                                                             | *15450                                                                            | 11400                                                                              |                                                                                     |                                                                                     | *9300                                                                               | 8620                                                                                | (29.1) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *12540                                                                            | 10370                                                                             | *9240                                                                             | 6870                                                                              | *7750                                                                             | 4950                                                                               | *5510                                                                               | 3720                                                                                | *4360                                                                               | 3620                                                                                | 9.14   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *27650                                                                            | 22860                                                                             | *20370                                                                            | 15150                                                                             | *17090                                                                            | 10910                                                                              | *12150                                                                              | 8200                                                                                | *9610                                                                               | 7980                                                                                | (30.0) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *14940                                                                            | 9640                                                                              | *10580                                                                            | 6480                                                                              | 8190                                                                              | 4740                                                                               | *6210                                                                               | 3630                                                                                | *4660                                                                               | 3520                                                                                | 9.17   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *32940                                                                            | 21250                                                                             | *23320                                                                            | 14290                                                                             | 18060                                                                             | 10450                                                                              | *13690                                                                              | 8000                                                                                | *10270                                                                              | 7760                                                                                | (30.1) |
| Ground Line           | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *15980                                                                            | 9320                                                                              | 11240                                                                             | 6230                                                                              | 8020                                                                              | 4590                                                                               |                                                                                     |                                                                                     | *5180                                                                               | 3600                                                                                | 8.94   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *35230                                                                            | 20550                                                                             | 24780                                                                             | 13730                                                                             | 17680                                                                             | 10120                                                                              |                                                                                     |                                                                                     | *11420                                                                              | 7940                                                                                | (29.3) |
| -1.5 m (-4.9 ft)      | kg | *7670                                                                             | *7670                                                                             | *11120                                                                            | *11120                                                                            | *15990                                                                            | 9270                                                                              | 11120                                                                             | 6130                                                                              | 7950                                                                              | 4530                                                                               |                                                                                     |                                                                                     | *6070                                                                               | 3880                                                                                | 8.44   |
|                       | lb | *16910                                                                            | *16910                                                                            | *24520                                                                            | *24520                                                                            | *35250                                                                            | 20440                                                                             | 24520                                                                             | 13510                                                                             | 17530                                                                             | 9990                                                                               |                                                                                     |                                                                                     | *13380                                                                              | 8550                                                                                | (27.7) |
| -3.0 m (-9.8 ft)      | kg | *13120                                                                            | *13120                                                                            | *17920                                                                            | *17920                                                                            | *15130                                                                            | 9370                                                                              | 11170                                                                             | 6180                                                                              | 8030                                                                              | 4600                                                                               |                                                                                     |                                                                                     | *7790                                                                               | 4520                                                                                | 7.61   |
|                       | lb | *28920                                                                            | *28920                                                                            | *39510                                                                            | *39510                                                                            | *33360                                                                            | 20660                                                                             | 24630                                                                             | 13620                                                                             | 17700                                                                             | 10140                                                                              |                                                                                     |                                                                                     | *17170                                                                              | 9960                                                                                | (25.0) |
| -4.5 m (-14.8 ft)     | kg |                                                                                   |                                                                                   | *18140                                                                            | *18140                                                                            | *13070                                                                            | 9660                                                                              | *9580                                                                             | 6410                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *8830                                                                               | 6000                                                                                | 6.32   |
|                       | lb |                                                                                   |                                                                                   | *39990                                                                            | *39990                                                                            | *28810                                                                            | 21300                                                                             | *21120                                                                            | 14130                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *19470                                                                              | 13230                                                                               | (20.7) |

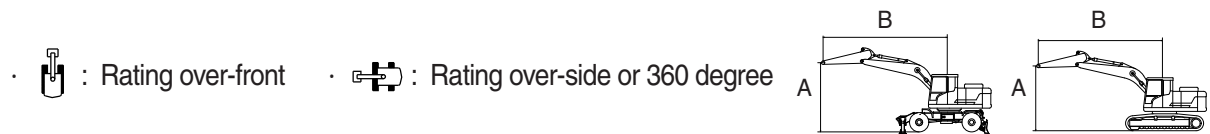
| Model    | Type      | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|----------|-----------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 NL | MONO BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|          |           | 6250        | 3750        | 5200          | 600        | -          | -     | -    | -         | -    |

 : Rating over-front   
  : Rating over-side or 360 degree



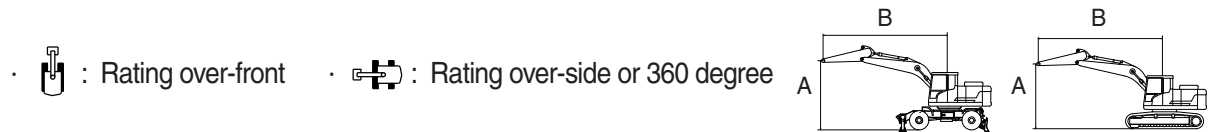
| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 1.5 m (4.9 ft)                                                                    |                                                                                   | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                    | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *5040                                                                             | *5040                                                                              |                                                                                     |                                                                                     | *3520                                                                               | *3520                                                                               | 8.08   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11110                                                                            | *11110                                                                             |                                                                                     |                                                                                     | *7760                                                                               | *7760                                                                               | (26.5) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *5710                                                                             | 5450                                                                               |                                                                                     |                                                                                     | *3390                                                                               | *3390                                                                               | 8.93   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *12590                                                                            | 12020                                                                              |                                                                                     |                                                                                     | *7470                                                                               | *7470                                                                               | (29.3) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *6790                                                                             | *6790                                                                             | *6280                                                                             | 5270                                                                               | *5140                                                                               | 3870                                                                                | *3390                                                                               | *3390                                                                               | 9.46   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *14970                                                                            | *14970                                                                            | *13850                                                                            | 11620                                                                              | *11330                                                                              | 8530                                                                                | *7470                                                                               | *7470                                                                               | (31.0) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *10810                                                                            | 10800                                                                             | *8290                                                                             | 7040                                                                              | *7090                                                                             | 5020                                                                               | 6370                                                                                | 3750                                                                                | *3500                                                                               | 3270                                                                                | 9.74   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *23830                                                                            | 23810                                                                             | *18280                                                                            | 15520                                                                             | *15630                                                                            | 11070                                                                              | 14040                                                                               | 8270                                                                                | *7720                                                                               | 7210                                                                                | (31.9) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *13610                                                                            | 9890                                                                              | *9790                                                                             | 6580                                                                              | *7940                                                                             | 4770                                                                               | 6230                                                                                | 3620                                                                                | *3730                                                                               | 3180                                                                                | 9.77   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *30000                                                                            | 21800                                                                             | *21580                                                                            | 14510                                                                             | *17500                                                                            | 10520                                                                              | 13730                                                                               | 7980                                                                                | *8220                                                                               | 7010                                                                                | (32.1) |
| Ground Line           | kg |                                                                                   |                                                                                   | *6790                                                                             | *6790                                                                             | *15290                                                                            | 9370                                                                              | *10930                                                                            | 6250                                                                              | 8010                                                                              | 4580                                                                               | 6110                                                                                | 3520                                                                                | *4110                                                                               | 3210                                                                                | 9.57   |
|                       | lb |                                                                                   |                                                                                   | *14970                                                                            | *14970                                                                            | *33710                                                                            | 20660                                                                             | *24100                                                                            | 13780                                                                             | 17660                                                                             | 10100                                                                              | 13470                                                                               | 7760                                                                                | *9060                                                                               | 7080                                                                                | (31.4) |
| -1.5 m (-4.9 ft)      | kg | *6950                                                                             | *6950                                                                             | *10490                                                                            | *10490                                                                            | *15870                                                                            | 9180                                                                              | 11070                                                                             | 6080                                                                              | 7880                                                                              | 4460                                                                               | *5730                                                                               | 3470                                                                                | *4740                                                                               | 3420                                                                                | 9.11   |
|                       | lb | *15320                                                                            | *15320                                                                            | *23130                                                                            | *23130                                                                            | *34990                                                                            | 20240                                                                             | 24410                                                                             | 13400                                                                             | 17370                                                                             | 9830                                                                               | *12630                                                                              | 7650                                                                                | *10450                                                                              | 7540                                                                                | (29.9) |
| -3.0 m (-9.8 ft)      | kg | *10970                                                                            | *10970                                                                            | *15340                                                                            | *15340                                                                            | *15540                                                                            | 9190                                                                              | 11040                                                                             | 6050                                                                              | 7870                                                                              | 4450                                                                               |                                                                                     |                                                                                     | *5860                                                                               | 3870                                                                                | 8.36   |
|                       | lb | *24180                                                                            | *24180                                                                            | *33820                                                                            | *33820                                                                            | *34260                                                                            | 20260                                                                             | 24340                                                                             | 13340                                                                             | 17350                                                                             | 9810                                                                               |                                                                                     |                                                                                     | *12920                                                                              | 8530                                                                                | (27.4) |
| -4.5 m (-14.8 ft)     | kg | *15830                                                                            | *15830                                                                            | *20350                                                                            | 18580                                                                             | *14200                                                                            | 9380                                                                              | *10570                                                                            | 6170                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *8250                                                                               | 4830                                                                                | 7.22   |
|                       | lb | *34900                                                                            | *34900                                                                            | *44860                                                                            | 40960                                                                             | *31310                                                                            | 20680                                                                             | *23300                                                                            | 13600                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *18190                                                                              | 10650                                                                               | (23.7) |

| Model    | Type         | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|----------|--------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 NL | 2-PIECE BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|          |              | 6250        | 2100        | 7500          | 600        | -          | -     | -    | -         | -    |



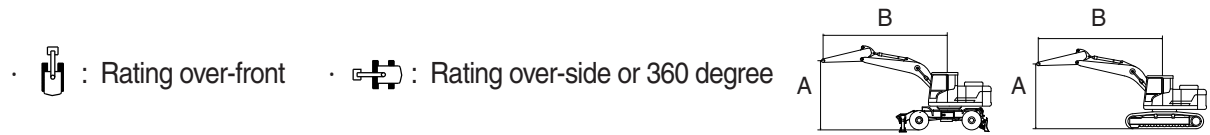
| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                   | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0 m (29.5 ft)       | kg |                                                                                   |                                                                                   | *12270                                                                            | *12270                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *11940                                                                              | *11940                                                                              | 4.58   |
|                       | lb |                                                                                   |                                                                                   | *27050                                                                            | *27050                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *26320                                                                              | *26320                                                                              | (15.0) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   | *11390                                                                            | *11390                                                                            | *9440                                                                             | 9020                                                                              |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *9270                                                                               | 8160                                                                                | 6.35   |
|                       | lb |                                                                                   |                                                                                   | *25110                                                                            | *25110                                                                            | *20810                                                                            | 19890                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *20440                                                                              | 17990                                                                               | (20.8) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   | *12450                                                                            | *12450                                                                            | *9540                                                                             | 8920                                                                              |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *8140                                                                               | 6330                                                                                | 7.41   |
|                       | lb |                                                                                   |                                                                                   | *27450                                                                            | *27450                                                                            | *21030                                                                            | 19670                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *17950                                                                              | 13960                                                                               | (24.3) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *10460                                                                            | 8560                                                                              | *8100                                                                             | 6140                                                                              |                                                                                     |                                                                                     | *7640                                                                               | 5470                                                                                | 8.05   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *23060                                                                            | 18870                                                                             | *17860                                                                            | 13540                                                                             |                                                                                     |                                                                                     | *16840                                                                              | 12060                                                                               | (26.4) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *12000                                                                            | 8130                                                                              | *8540                                                                             | 5960                                                                              |                                                                                     |                                                                                     | *7520                                                                               | 5060                                                                                | 8.38   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *26460                                                                            | 17920                                                                             | *18830                                                                            | 13140                                                                             |                                                                                     |                                                                                     | *16580                                                                              | 11160                                                                               | (27.5) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 13470                                                                             | 7810                                                                              | *9090                                                                             | 5790                                                                              |                                                                                     |                                                                                     | *7690                                                                               | 4940                                                                                | 8.42   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 29700                                                                             | 17220                                                                             | *20040                                                                            | 12760                                                                             |                                                                                     |                                                                                     | *16950                                                                              | 10890                                                                               | (27.6) |
| Ground Line           | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 13280                                                                             | 7650                                                                              | *9510                                                                             | 5700                                                                              |                                                                                     |                                                                                     | *8200                                                                               | 5100                                                                                | 8.19   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 29280                                                                             | 16870                                                                             | *20970                                                                            | 12570                                                                             |                                                                                     |                                                                                     | *18080                                                                              | 11240                                                                               | (26.9) |
| -1.5 m (-4.9 ft)      | kg |                                                                                   |                                                                                   | *14820                                                                            | 11540                                                                             | *11970                                                                            | 7650                                                                              | *8830                                                                             | 5740                                                                              |                                                                                     |                                                                                     | *8300                                                                               | 5610                                                                                | 7.66   |
|                       | lb |                                                                                   |                                                                                   | *32670                                                                            | 25440                                                                             | *26390                                                                            | 16870                                                                             | *19470                                                                            | 12650                                                                             |                                                                                     |                                                                                     | *18300                                                                              | 12370                                                                               | (25.1) |
| -3.0 m (-9.8 ft)      | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *9040                                                                             | 7820                                                                              |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *19930                                                                            | 17240                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |

| Model    | Type            | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|----------|-----------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 NL | 2-PIECE<br>BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|          |                 | 6250        | 2500        | 7500          | 600        | -          | -     | -    | -         | -    |



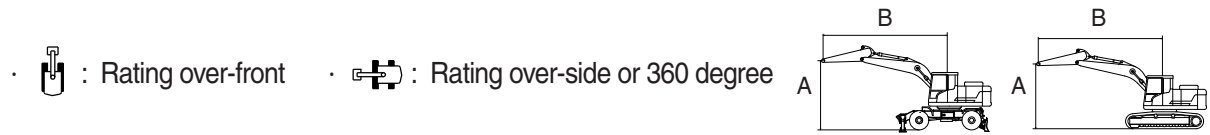
| Lift-point<br>height (A) |          | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |                |
|--------------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
|                          |          | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                   | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach          |
|                          |          |  |  |  |  |  |  |  |  |  |  |  |  | m (ft)         |
| 9.0 m<br>(29.5 ft)       | kg<br>lb |                                                                                   |                                                                                   | *9800<br>*21610                                                                   | *9800<br>*21610                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *9000<br>*19840                                                                     | *9000<br>*19840                                                                     | 5.09<br>(16.7) |
| 7.5 m<br>(24.6 ft)       | kg<br>lb |                                                                                   |                                                                                   | *9870<br>*21760                                                                   | *9870<br>*21760                                                                   | *8870<br>*19550                                                                   | *8870<br>*19550                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *7750<br>*17090                                                                     | 7540<br>16620                                                                       | 6.73<br>(22.1) |
| 6.0 m<br>(19.7 ft)       | kg<br>lb | *11920<br>*26280                                                                  | *11920<br>*26280                                                                  | *11130<br>*24540                                                                  | *11130<br>*24540                                                                  | *9100<br>*20060                                                                   | 9010<br>19860                                                                     | *7570<br>*16690                                                                   | 6300<br>13890                                                                     |                                                                                     |                                                                                     | *7290<br>*16070                                                                     | 5970<br>13160                                                                       | 7.73<br>(25.4) |
| 4.5 m<br>(14.8 ft)       | kg<br>lb |                                                                                   |                                                                                   | *14530<br>*32030                                                                  | 13250<br>29210                                                                    | *9990<br>*22020                                                                   | 8640<br>19050                                                                     | *7780<br>*17150                                                                   | 6180<br>13620                                                                     |                                                                                     |                                                                                     | *7040<br>*15520                                                                     | 5200<br>11460                                                                       | 8.35<br>(27.4) |
| 3.0 m<br>(9.8 ft)        | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11470<br>*25290                                                                  | 8190<br>18060                                                                     | *8260<br>*18210                                                                   | 5970<br>13160                                                                     |                                                                                     |                                                                                     | *6960<br>*15340                                                                     | 4810<br>10600                                                                       | 8.67<br>(28.4) |
| 1.5 m<br>(4.9 ft)        | kg<br>lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *13240<br>*29190                                                                  | 7820<br>17240                                                                     | *8850<br>*19510                                                                   | 5780<br>12740                                                                     |                                                                                     |                                                                                     | *7140<br>*15740                                                                     | 4690<br>10340                                                                       | 8.71<br>(28.6) |
| Ground<br>Line           | kg<br>lb |                                                                                   |                                                                                   | *17730<br>*39090                                                                  | 11370<br>25070                                                                    | 13250<br>29210                                                                    | 7610<br>16780                                                                     | *9350<br>*20610                                                                   | 5660<br>12480                                                                     |                                                                                     |                                                                                     | *7460<br>*16450                                                                     | 4820<br>10630                                                                       | 8.48<br>(27.8) |
| -1.5 m<br>(-4.9 ft)      | kg<br>lb |                                                                                   |                                                                                   | *15730<br>*34680                                                                  | 11410<br>25150                                                                    | *12400<br>*27340                                                                  | 7570<br>16690                                                                     | *9480<br>*20900                                                                   | 5650<br>12460                                                                     |                                                                                     |                                                                                     | *8400<br>*18520                                                                     | 5250<br>11570                                                                       | 7.97<br>(26.1) |
| -3.0 m<br>(-9.8 ft)      | kg<br>lb |                                                                                   |                                                                                   | *12570<br>*27710                                                                  | 11610<br>25600                                                                    | *9980<br>*22000                                                                   | 7690<br>16950                                                                     |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *7450<br>*16420                                                                     | 6220<br>13710                                                                       | 7.10<br>(23.3) |

| Model    | Type         | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|----------|--------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 NL | 2-PIECE BOOM | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|          |              | 6250        | 3050        | 7500          | 600        | -          | -     | -    | -         | -    |



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                   | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0 m (29.5 ft)       | kg |                                                                                   |                                                                                   | *8820                                                                             | *8820                                                                             | *5960                                                                             | *5960                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *5620                                                                               | *5620                                                                               | 6.06   |
|                       | lb |                                                                                   |                                                                                   | *19440                                                                            | *19440                                                                            | *13140                                                                            | *13140                                                                            |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *12390                                                                              | *12390                                                                              | (19.9) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   | *8660                                                                             | *8660                                                                             | *8280                                                                             | *8280                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *4990                                                                               | *4990                                                                               | 7.46   |
|                       | lb |                                                                                   |                                                                                   | *19090                                                                            | *19090                                                                            | *18250                                                                            | *18250                                                                            |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *11000                                                                              | *11000                                                                              | (24.5) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   | *9630                                                                             | *9630                                                                             | *8600                                                                             | *8600                                                                             | *7100                                                                             | 6380                                                                              |                                                                                     |                                                                                     | *4740                                                                               | *4740                                                                               | 8.37   |
|                       | lb |                                                                                   |                                                                                   | *21230                                                                            | *21230                                                                            | *18960                                                                            | *18960                                                                            | *15650                                                                            | 14070                                                                             |                                                                                     |                                                                                     | *10450                                                                              | *10450                                                                              | (27.5) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   | *13240                                                                            | *13240                                                                            | *9450                                                                             | 8720                                                                              | *7410                                                                             | 6210                                                                              |                                                                                     |                                                                                     | *4690                                                                               | 4670                                                                                | 8.93   |
|                       | lb |                                                                                   |                                                                                   | *29190                                                                            | *29190                                                                            | *20830                                                                            | 19220                                                                             | *16340                                                                            | 13690                                                                             |                                                                                     |                                                                                     | *10340                                                                              | 10300                                                                               | (29.3) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   | *17310                                                                            | 12390                                                                             | *10880                                                                            | 8240                                                                              | *7930                                                                             | 5970                                                                              | *6360                                                                               | 4530                                                                                | *4810                                                                               | 4360                                                                                | 9.21   |
|                       | lb |                                                                                   |                                                                                   | *38160                                                                            | 27320                                                                             | *23990                                                                            | 18170                                                                             | *17480                                                                            | 13160                                                                             | *14020                                                                              | 9990                                                                                | *10600                                                                              | 9610                                                                                | (30.2) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   | *18670                                                                            | 11600                                                                             | *12670                                                                            | 7820                                                                              | *8570                                                                             | 5750                                                                              | *6580                                                                               | 4430                                                                                | *5090                                                                               | 4270                                                                                | 9.24   |
|                       | lb |                                                                                   |                                                                                   | *41160                                                                            | 25570                                                                             | *27930                                                                            | 17240                                                                             | *18890                                                                            | 12680                                                                             | *14510                                                                              | 9770                                                                                | *11220                                                                              | 9410                                                                                | (30.3) |
| Ground Line           | kg |                                                                                   |                                                                                   | *18290                                                                            | 11290                                                                             | 13200                                                                             | 7560                                                                              | *9140                                                                             | 5590                                                                              | *5760                                                                               | 4370                                                                                | *5590                                                                               | 4370                                                                                | 9.01   |
|                       | lb |                                                                                   |                                                                                   | *40320                                                                            | 24890                                                                             | 29100                                                                             | 16670                                                                             | *20150                                                                            | 12320                                                                             | *12700                                                                              | 9630                                                                                | *12320                                                                              | 9630                                                                                | (29.6) |
| -1.5 m (-4.9 ft)      | kg | *12160                                                                            | *12160                                                                            | *16670                                                                            | 11250                                                                             | *12820                                                                            | 7470                                                                              | 9380                                                                              | 5540                                                                              |                                                                                     |                                                                                     | *6450                                                                               | 4710                                                                                | 8.51   |
|                       | lb | *26810                                                                            | *26810                                                                            | *36750                                                                            | 24800                                                                             | *28260                                                                            | 16470                                                                             | 20680                                                                             | 12210                                                                             |                                                                                     |                                                                                     | *14220                                                                              | 10380                                                                               | (27.9) |
| -3.0 m (-9.8 ft)      | kg |                                                                                   |                                                                                   | *13870                                                                            | 11400                                                                             | *10860                                                                            | 7540                                                                              | *7840                                                                             | 5630                                                                              |                                                                                     |                                                                                     | *7310                                                                               | 5470                                                                                | 7.69   |
|                       | lb |                                                                                   |                                                                                   | *30580                                                                            | 25130                                                                             | *23940                                                                            | 16620                                                                             | *17280                                                                            | 12410                                                                             |                                                                                     |                                                                                     | *16120                                                                              | 12060                                                                               | (25.2) |

| Model   | Type        | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | High walker | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |             | 6250        | 2100        | 5200          | 600        | -          | -     | -    | -         | -    |



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *7620                                                                             | *7620                                                                             |                                                                                   |                                                                                     | *7860                                                                               | *7860                                                                               | 6.56   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *16800                                                                            | *16800                                                                            |                                                                                   |                                                                                     | *17330                                                                              | *17330                                                                              | (21.5) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *8010                                                                             | *8010                                                                             | *7770                                                                             | 6890                                                                                | *7790                                                                               | 6850                                                                                | 7.53   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *17660                                                                            | *17660                                                                            | *17130                                                                            | 15190                                                                               | *17170                                                                              | 15100                                                                               | (24.7) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *9110                                                                             | *9110                                                                             | *7990                                                                             | 6790                                                                                | *7880                                                                               | 6010                                                                                | 8.11   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *20080                                                                            | *20080                                                                            | *17610                                                                            | 14970                                                                               | *17370                                                                              | 13250                                                                               | (26.6) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *10410                                                                            | 9090                                                                              | *8570                                                                             | 6610                                                                                | 7930                                                                                | 5620                                                                                | 8.38   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *22950                                                                            | 20040                                                                             | *18890                                                                            | 14570                                                                               | 17480                                                                               | 12390                                                                               | (27.5) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11420                                                                            | 8790                                                                              | *9110                                                                             | 6450                                                                                | 7860                                                                                | 5550                                                                                | 8.37   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *25180                                                                            | 19380                                                                             | *20080                                                                            | 14220                                                                               | 17330                                                                               | 12240                                                                               | (27.4) |
| Ground Line           | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11860                                                                            | 8650                                                                              | 9120                                                                              | 6370                                                                                | 8230                                                                                | 5790                                                                                | 8.08   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *26150                                                                            | 19070                                                                             | 20110                                                                             | 14040                                                                               | 18140                                                                               | 12760                                                                               | (26.5) |
| -1.5 m (-4.9 ft)      | kg |                                                                                   |                                                                                   | *15320                                                                            | 13370                                                                             | *11600                                                                            | 8660                                                                              |                                                                                   |                                                                                     | *8890                                                                               | 6470                                                                                | 7.47   |
|                       | lb |                                                                                   |                                                                                   | *33770                                                                            | 29480                                                                             | *25570                                                                            | 19090                                                                             |                                                                                   |                                                                                     | *19600                                                                              | 14260                                                                               | (24.5) |
| -3.0 m (-9.8 ft)      | kg | *17960                                                                            | *17960                                                                            | *13650                                                                            | 13610                                                                             | *10240                                                                            | 8850                                                                              |                                                                                   |                                                                                     | *9070                                                                               | 8030                                                                                | 6.47   |
|                       | lb | *39590                                                                            | *39590                                                                            | *30090                                                                            | 30000                                                                             | *22580                                                                            | 19510                                                                             |                                                                                   |                                                                                     | *20000                                                                              | 17700                                                                               | (21.2) |
| -4.5 m (-14.8 ft)     | kg |                                                                                   |                                                                                   | *9580                                                                             | *9580                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |        |
|                       | lb |                                                                                   |                                                                                   | *21120                                                                            | *21120                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |        |

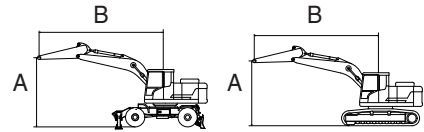
| Model   | Type        | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | High walker | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |             | 6250        | 2500        | 5200          | 600        | -          | -     | -    | -         | -    |



: Rating over-front



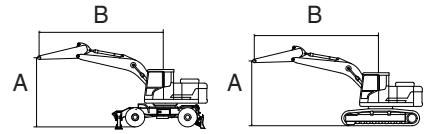
: Rating over-side or 360 degree



| Lift-point height (A) |    | Lift-point radius (B) |        |                 |        |                 |        |                 |       | At max. reach |        |        |
|-----------------------|----|-----------------------|--------|-----------------|--------|-----------------|--------|-----------------|-------|---------------|--------|--------|
|                       |    | 3.0 m (9.8 ft)        |        | 4.5 m (14.8 ft) |        | 6.0 m (19.7 ft) |        | 7.5 m (24.6 ft) |       | Capacity      |        | Reach  |
|                       |    |                       |        |                 |        |                 |        |                 |       |               |        | m (ft) |
| 7.5 m (24.6 ft)       | kg |                       |        |                 |        | *6980           | *6980  |                 |       | *6690         | *6690  | 6.89   |
|                       | lb |                       |        |                 |        | *15390          | *15390 |                 |       | *14750        | *14750 | (22.6) |
| 6.0 m (19.7 ft)       | kg |                       |        |                 |        | *7490           | *7490  | *7190           | 6970  | *6420         | *6420  | 7.82   |
|                       | lb |                       |        |                 |        | *16510          | *16510 | *15850          | 15370 | *14150        | *14150 | (25.7) |
| 4.5 m (14.8 ft)       | kg |                       |        | *11050          | *11050 | *8640           | *8640  | *7600           | 6830  | *6440         | 5730   | 8.38   |
|                       | lb |                       |        | *24360          | *24360 | *19050          | *19050 | *16760          | 15060 | *14200        | 12630  | (27.5) |
| 3.0 m (9.8 ft)        | kg |                       |        |                 |        | *10000          | 9140   | *8270           | 6620  | *6700         | 5360   | 8.64   |
|                       | lb |                       |        |                 |        | *22050          | 20150  | *18230          | 14590 | *14770        | 11820  | (28.3) |
| 1.5 m (4.9 ft)        | kg |                       |        | *13480          | 13350  | *11140          | 8800   | *8890           | 6440  | *7230         | 5290   | 8.63   |
|                       | lb |                       |        | *29720          | 29430  | *24560          | 19400  | *19600          | 14200 | *15940        | 11660  | (28.3) |
| Ground Line           | kg |                       |        | *16080          | 13200  | *11730          | 8620   | 9070            | 6330  | 7800          | 5480   | 8.35   |
|                       | lb |                       |        | *35450          | 29100  | *25860          | 19000  | 20000           | 13960 | 17200         | 12080  | (27.4) |
| -1.5 m (-4.9 ft)      | kg | *12560                | *12560 | *15600          | 13250  | *11680          | 8590   | 9080            | 6330  | 8650          | 6060   | 7.77   |
|                       | lb | *27690                | *27690 | *34390          | 29210  | *25750          | 18940  | 20020           | 13960 | 19070         | 13360  | (25.5) |
| -3.0 m (-9.8 ft)      | kg | *19340                | *19340 | *14230          | 13450  | *10720          | 8720   |                 |       | *9050         | 7360   | 6.81   |
|                       | lb | *42640                | *42640 | *31370          | 29650  | *23630          | 19220  |                 |       | *19950        | 16230  | (22.3) |
| -4.5 m (-14.8 ft)     | kg | *15100                | *15100 | *11130          | *11130 |                 |        |                 |       | *9180         | *9180  | 5.26   |
|                       | lb | *33290                | *33290 | *24540          | *24540 |                 |        |                 |       | *20240        | *20240 | (17.2) |

| Model   | Type        | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | High walker | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |             | 6250        | 3050        | 5200          | 600        | -          | -     | -    | -         | -    |

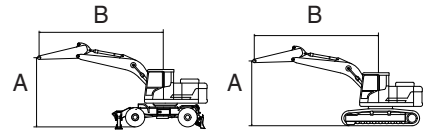
 : Rating over-front    
  : Rating over-side or 360 degree



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 1.5 m (4.9 ft)                                                                    |                                                                                   | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                    | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *4470                                                                             | *4470                                                                              |                                                                                     |                                                                                     | *4360                                                                               | *4360                                                                               | 7.52   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *9850                                                                             | *9850                                                                              |                                                                                     |                                                                                     | *9610                                                                               | *9610                                                                               | (24.7) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *6530                                                                             | *6530                                                                              |                                                                                     |                                                                                     | *4210                                                                               | *4210                                                                               | 8.38   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *14400                                                                            | *14400                                                                             |                                                                                     |                                                                                     | *9280                                                                               | *9280                                                                               | (27.5) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *9830                                                                             | *9830                                                                             | *7940                                                                             | *7940                                                                             | *7070                                                                             | 6870                                                                               |                                                                                     |                                                                                     | *4220                                                                               | *4220                                                                               | 8.90   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *21670                                                                            | *21670                                                                            | *17500                                                                            | *17500                                                                            | *15590                                                                            | 15150                                                                              |                                                                                     |                                                                                     | *9300                                                                               | *9300                                                                               | (29.2) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *12850                                                                            | *12850                                                                            | *9390                                                                             | 9210                                                                              | *7820                                                                             | 6640                                                                               | *5540                                                                               | 5040                                                                                | *4380                                                                               | *4380                                                                               | 9.14   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *28330                                                                            | *28330                                                                            | *20700                                                                            | 20300                                                                             | *17240                                                                            | 14640                                                                              | *12210                                                                              | 11110                                                                               | *9660                                                                               | *9660                                                                               | (30.0) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *15040                                                                            | 13430                                                                             | *10670                                                                            | 8820                                                                              | *8550                                                                             | 6420                                                                               | *5980                                                                               | 4940                                                                                | *4700                                                                               | *4700                                                                               | 9.13   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *33160                                                                            | 29610                                                                             | *23520                                                                            | 19440                                                                             | *18850                                                                            | 14150                                                                              | *13180                                                                              | 10890                                                                               | *10360                                                                              | *10360                                                                              | (30.0) |
| Ground Line           | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *15910                                                                            | 13140                                                                             | *11480                                                                            | 8580                                                                              | 9020                                                                              | 6280                                                                               |                                                                                     |                                                                                     | *5260                                                                               | 4980                                                                                | 8.87   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *35080                                                                            | 28970                                                                             | *25310                                                                            | 18920                                                                             | 19890                                                                             | 13850                                                                              |                                                                                     |                                                                                     | *11600                                                                              | 10980                                                                               | (29.1) |
| -1.5 m (-4.9 ft)      | kg | *8460                                                                             | *8460                                                                             | *12060                                                                            | *12060                                                                            | *15810                                                                            | 13110                                                                             | *11680                                                                            | 8500                                                                              | 8970                                                                              | 6230                                                                               |                                                                                     |                                                                                     | *6230                                                                               | 5430                                                                                | 8.33   |
|                       | lb | *18650                                                                            | *18650                                                                            | *26590                                                                            | *26590                                                                            | *34860                                                                            | 28900                                                                             | *25750                                                                            | 18740                                                                             | 19780                                                                             | 13730                                                                              |                                                                                     |                                                                                     | *13730                                                                              | 11970                                                                               | (27.3) |
| -3.0 m (-9.8 ft)      | kg | *13970                                                                            | *13970                                                                            | *19190                                                                            | *19190                                                                            | *14830                                                                            | 13250                                                                             | *11120                                                                            | 8560                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *8140                                                                               | 6400                                                                                | 7.44   |
|                       | lb | *30800                                                                            | *30800                                                                            | *42310                                                                            | *42310                                                                            | *32690                                                                            | 29210                                                                             | *24520                                                                            | 18870                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *17950                                                                              | 14110                                                                               | (24.4) |
| -4.5 m (-14.8 ft)     | kg |                                                                                   |                                                                                   | *17350                                                                            | *17350                                                                            | *12530                                                                            | *12530                                                                            | *8990                                                                             | 8860                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *8840                                                                               | 8750                                                                                | 6.06   |
|                       | lb |                                                                                   |                                                                                   | *38250                                                                            | *38250                                                                            | *27620                                                                            | *27620                                                                            | *19820                                                                            | 19530                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *19490                                                                              | 19290                                                                               | (19.9) |

| Model   | Type        | Boom        | Arm         | Counterweight | Shoe       | Wheel      | Dozer |      | Outrigger |      |
|---------|-------------|-------------|-------------|---------------|------------|------------|-------|------|-----------|------|
| HX300 L | High walker | Length [mm] | Length [mm] | weight [kg]   | width [mm] | width [mm] | Front | Rear | Front     | Rear |
|         |             | 6250        | 3750        | 5200          | 600        | -          | -     | -    | -         | -    |

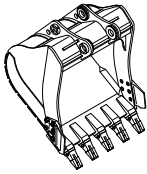
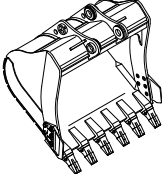
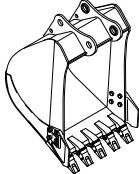
 : Rating over-front    
  : Rating over-side or 360 degree



| Lift-point height (A) |    | Lift-point radius (B)                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|-----------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|                       |    | 1.5 m (4.9 ft)                                                                    |                                                                                   | 3.0 m (9.8 ft)                                                                    |                                                                                   | 4.5 m (14.8 ft)                                                                   |                                                                                   | 6.0 m (19.7 ft)                                                                   |                                                                                   | 7.5 m (24.6 ft)                                                                   |                                                                                    | 9.0 m (29.5 ft)                                                                     |                                                                                     | Capacity                                                                            |                                                                                     | Reach  |
|                       |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5 m (24.6 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *5310                                                                             | *5310                                                                              |                                                                                     |                                                                                     | *3470                                                                               | *3470                                                                               | 8.26   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11710                                                                            | *11710                                                                             |                                                                                     |                                                                                     | *7650                                                                               | *7650                                                                               | (27.1) |
| 6.0 m (19.7 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *5760                                                                             | *5760                                                                              | *3580                                                                               | *3580                                                                               | *3360                                                                               | *3360                                                                               | 9.05   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *12700                                                                            | *12700                                                                             | *7890                                                                               | *7890                                                                               | *7410                                                                               | *7410                                                                               | (29.7) |
| 4.5 m (14.8 ft)       | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *7020                                                                             | *7020                                                                             | *6390                                                                             | *6390                                                                              | *5370                                                                               | 5180                                                                                | *3380                                                                               | *3380                                                                               | 9.53   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *15480                                                                            | *15480                                                                            | *14090                                                                            | *14090                                                                             | *11840                                                                              | 11420                                                                               | *7450                                                                               | *7450                                                                               | (31.3) |
| 3.0 m (9.8 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *11350                                                                            | *11350                                                                            | *8550                                                                             | *8550                                                                             | *7220                                                                             | 6690                                                                               | *6530                                                                               | 5050                                                                                | *3510                                                                               | *3510                                                                               | 9.76   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *25020                                                                            | *25020                                                                            | *18850                                                                            | *18850                                                                            | *15920                                                                            | 14750                                                                              | *14400                                                                              | 11130                                                                               | *7740                                                                               | *7740                                                                               | (32.0) |
| 1.5 m (4.9 ft)        | kg |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *13980                                                                            | 13630                                                                             | *10000                                                                            | 8890                                                                              | *8060                                                                             | 6430                                                                               | *6990                                                                               | 4920                                                                                | *3760                                                                               | *3760                                                                               | 9.75   |
|                       | lb |                                                                                   |                                                                                   |                                                                                   |                                                                                   | *30820                                                                            | 30050                                                                             | *22050                                                                            | 19600                                                                             | *17770                                                                            | 14180                                                                              | *15410                                                                              | 10850                                                                               | *8290                                                                               | *8290                                                                               | (32.0) |
| Ground Line           | kg |                                                                                   |                                                                                   | *7380                                                                             | *7380                                                                             | *15440                                                                            | 13140                                                                             | *11060                                                                            | 8570                                                                              | *8730                                                                             | 6240                                                                               | 6890                                                                                | 4820                                                                                | *4180                                                                               | *4180                                                                               | 9.51   |
|                       | lb |                                                                                   |                                                                                   | *16270                                                                            | *16270                                                                            | *34040                                                                            | 28970                                                                             | *24380                                                                            | 18890                                                                             | *19250                                                                            | 13760                                                                              | 15190                                                                               | 10630                                                                               | *9220                                                                               | *9220                                                                               | (31.2) |
| -1.5 m (-4.9 ft)      | kg | *7640                                                                             | *7640                                                                             | *11270                                                                            | *11270                                                                            | *15840                                                                            | 12980                                                                             | *11550                                                                            | 8410                                                                              | 8880                                                                              | 6140                                                                               | *4870                                                                               | 4790                                                                                | *4870                                                                               | 4790                                                                                | 9.00   |
|                       | lb | *16840                                                                            | *16840                                                                            | *24850                                                                            | *24850                                                                            | *34920                                                                            | 28620                                                                             | *25460                                                                            | 18540                                                                             | 19580                                                                             | 13540                                                                              | *10740                                                                              | 10560                                                                               | *10740                                                                              | 10560                                                                               | (29.5) |
| -3.0 m (-9.8 ft)      | kg | *11750                                                                            | *11750                                                                            | *16400                                                                            | *16400                                                                            | *15340                                                                            | 13030                                                                             | *11380                                                                            | 8410                                                                              | *8830                                                                             | 6150                                                                               |                                                                                     |                                                                                     | *6140                                                                               | 5490                                                                                | 8.19   |
|                       | lb | *25900                                                                            | *25900                                                                            | *36160                                                                            | *36160                                                                            | *33820                                                                            | 28730                                                                             | *25090                                                                            | 18540                                                                             | *19470                                                                            | 13560                                                                              |                                                                                     |                                                                                     | *13540                                                                              | 12100                                                                               | (26.9) |
| -4.5 m (-14.8 ft)     | kg | *16870                                                                            | *16870                                                                            | *19650                                                                            | *19650                                                                            | *13760                                                                            | 13280                                                                             | *10210                                                                            | 8580                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *8320                                                                               | 7000                                                                                | 6.96   |
|                       | lb | *37190                                                                            | *37190                                                                            | *43320                                                                            | *43320                                                                            | *30340                                                                            | 29280                                                                             | *22510                                                                            | 18920                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *18340                                                                              | 15430                                                                               | (22.8) |

## 6. BUCKET SELECTION GUIDE

### 1) GENERAL BUCKET

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| 1.27, 1.50 m <sup>3</sup> SAE<br>heaped bucket                                    | 1.73, 1.85 m <sup>3</sup> SAE<br>heaped bucket                                    | ★0.52 m <sup>3</sup> SAE<br>heaped bucket                                           |

| Capacity                                        |                                                | Width                  |                     | Weight               | Recommendation                                                                      |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------|------------------------------------------------|------------------------|---------------------|----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                 |                                                |                        |                     |                      | 6.25 m<br>(20' 6") boom                                                             |                                                                                     |                                                                                       |                                                                                       | 10.2 m<br>(33' 6") boom                                                               |
| SAE<br>heaped                                   | CECE<br>heaped                                 | Without<br>side cutter | With<br>side cutter |                      | 2.1 m arm<br>(6' 11")                                                               | 2.5 m arm<br>(8' 2")                                                                | 3.05 m arm<br>(10' 0")                                                                | 3.75 m arm<br>(12' 4")                                                                | 7.85 m arm<br>(25' 9")                                                                |
| 1.27 m <sup>3</sup><br>(1.66 yd <sup>3</sup> )  | 1.11 m <sup>3</sup><br>(1.45 yd <sup>3</sup> ) | 1325 mm<br>(52.2")     | 1410 mm<br>(55.5")  | 1100 kg<br>(2430 lb) |    |    |    |    |                                                                                       |
| 1.50 m <sup>3</sup><br>(1.96 yd <sup>3</sup> )  | 1.30 m <sup>3</sup><br>(1.70 yd <sup>3</sup> ) | 1515 mm<br>(59.6")     | 1600 mm<br>(63.0")  | 1180 kg<br>(2600 lb) |  |  |  |  |                                                                                       |
| 1.73 m <sup>3</sup><br>(2.26 yd <sup>3</sup> )  | 1.51 m <sup>3</sup><br>(1.98 yd <sup>3</sup> ) | 1605 mm<br>(63.2")     | 1690 mm<br>(66.5")  | 1280 kg<br>(2820 lb) |  |  |  |  |                                                                                       |
| 1.85 m <sup>3</sup><br>(2.42 yd <sup>3</sup> )  | 1.61 m <sup>3</sup><br>(2.11 yd <sup>3</sup> ) | 1700 mm<br>(66.9")     | 1780 mm<br>(70.1")  | 1330 kg<br>(2930 lb) |  |  |  |  |                                                                                       |
| ★0.52 m <sup>3</sup><br>(0.68 yd <sup>3</sup> ) | 0.45 m <sup>3</sup><br>(0.59 yd <sup>3</sup> ) | 945 mm<br>(37.2")      | 1020 mm<br>(40.2")  | 460 kg<br>(1010 lb)  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |  |

★ : Long reach bucket



Applicable for materials with density of 2000 kgf/m<sup>3</sup> (3370 lbf/yd<sup>3</sup>) or less



Applicable for materials with density of 1600 kgf/m<sup>3</sup> (2700 lbf/yd<sup>3</sup>) or less



Applicable for materials with density of 1100 kgf/m<sup>3</sup> (1850 lbf/yd<sup>3</sup>) or less

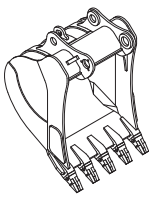
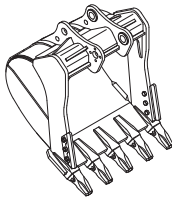
※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

Select an optimum combination according to the working conditions and the type of work that is being done.

Consult your HD Hyundai Construction Equipment dealer for information on selecting the correct boom—arm—bucket combination.

## 2) HEAVY DUTY AND ROCK-HEAVY DUTY BUCKET

|                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| <p>◆ 1.27 m<sup>3</sup> SAE</p> <p>◆ 1.46 m<sup>3</sup> SAE heaped bucket</p>     | <p>◆ 1.33 m<sup>3</sup> SAE</p> <p>◆ 1.50 m<sup>3</sup> SAE heaped bucket</p>       |

| Capacity               |                       | Width                  |                     | Weight               | Recommendation        |                      |                        |                        |
|------------------------|-----------------------|------------------------|---------------------|----------------------|-----------------------|----------------------|------------------------|------------------------|
| SAE<br>heaped          | CECE<br>heaped        | Without<br>side cutter | With<br>side cutter |                      | 6.25 m (20' 6") boom  |                      |                        |                        |
|                        |                       |                        |                     |                      | 2.1 m arm<br>(6' 11") | 2.5 m arm<br>(8' 2") | 3.05 m arm<br>(10' 0") | 3.75 m arm<br>(12' 4") |
| ◆1.27 m³<br>(1.66 yd³) | 1.11 m³<br>(1.45 yd³) | 1380 mm<br>(54.3")     | -                   | 1290 kg<br>(2840 lb) | ○                     | ○                    | ⊙                      | ⊙                      |
| ◆1.46 m³<br>(1.91 yd³) | 1.28 m³<br>(1.67 yd³) | 1535 mm<br>(60.4")     | -                   | 1380 kg<br>(3040 lb) | ⊙                     | ⊙                    | ⊙                      | ●                      |
| ◆1.33 m³<br>(1.74 yd³) | 1.16 m³<br>(1.52 yd³) | 1420 mm<br>(55.9")     | -                   | 1470 kg<br>(3240 lb) | ⊙                     | ⊙                    | ⊙                      | ●                      |
| ◆1.50 m³<br>(1.96 yd³) | 1.30 m<br>(1.70 yd³)  | 1550 mm<br>(61.0")     | -                   | 1550 kg<br>(3420 lb) | ⊙                     | ⊙                    | ●                      | ●                      |

◆ : Heavy duty bucket

◆ : Rock-Heavy duty bucket

○ Applicable for materials with density of 2000 kgf/m<sup>3</sup> (3370 lbf/yd<sup>3</sup>) or less

⊙ Applicable for materials with density of 1600 kgf/m<sup>3</sup> (2700 lbf/yd<sup>3</sup>) or less

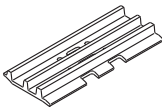
● Applicable for materials with density of 1100 kgf/m<sup>3</sup> (1850 lbf/yd<sup>3</sup>) or less

## 7. UNDERCARRIAGE

### 1) TRACKS

X-leg type center frame is integrally welded with reinforced box-section track frames. The design includes dry tracks, lubricated rollers, idlers, sprockets, hydraulic track adjusters with shock absorbing springs and assembled track-type tractor shoes with triple grousers.

### 2) TYPES OF SHOES

| Model                     | Shapes           |                           | Triple grouser                                                                     |                |               |               |
|---------------------------|------------------|---------------------------|------------------------------------------------------------------------------------|----------------|---------------|---------------|
|                           |                  |                           |  |                |               |               |
| HX300 L                   | Shoe width       | mm (in)                   | 600 (24)                                                                           | 700 (28)       | 800 (32)      | 900 (36)      |
|                           | Operating weight | kg (lb)                   | 30200 (66580)                                                                      | 30770 (67840)  | 31150 (68670) | 31530 (69510) |
|                           | Ground pressure  | kgf/cm <sup>2</sup> (psi) | 0.58 (8.25)                                                                        | 0.51 (7.25)    | 0.45 (6.40)   | 0.41 (5.83)   |
|                           | Overall width    | mm (ft-in)                | 3200 (10' 6")                                                                      | 3300 (10' 10") | 3400 (11' 1") | 3500 (11' 5") |
| HX300 NL                  | Shoe width       | mm (in)                   | 600 (24)                                                                           | -              | -             | -             |
|                           | Operating weight | kg (lb)                   | 30000 (66140)                                                                      | -              | -             | -             |
|                           | Ground pressure  | kgf/cm <sup>2</sup> (psi) | 0.58 (8.25)                                                                        | -              | -             | -             |
|                           | Overall width    | mm (ft-in)                | 2990 (9' 10")                                                                      | -              | -             | -             |
| HX300 L<br>LONG REACH     | Shoe width       | mm (in)                   | -                                                                                  | -              | 800 (32)      | -             |
|                           | Operating weight | kg (lb)                   | -                                                                                  | -              | 33070 (72910) | -             |
|                           | Ground pressure  | kgf/cm <sup>2</sup> (psi) | -                                                                                  | -              | 0.48 (6.83)   | -             |
|                           | Overall width    | mm (ft-in)                | -                                                                                  | -              | 3400 (11' 2") | -             |
| HX300 L<br>HIGH<br>WALKER | Shoe width       | mm (in)                   | 600 (24)                                                                           | 700 (28)       | 800 (32)      | ★710 (28)     |
|                           | Operating weight | kg (lb)                   | 33040 (72840)                                                                      | 33610 (74100)  | 33990 (74930) | 34520 (76100) |
|                           | Ground pressure  | kgf/cm <sup>2</sup> (psi) | 0.64 (9.10)                                                                        | 0.56 (7.96)    | 0.49 (6.97)   | 0.56 (7.96)   |
|                           | Overall width    | mm (ft-in)                | 3470 (11' 5")                                                                      | 3570 (11' 9")  | 3670 (12' 0") | 3580 (11' 9") |

★ : Double grouser

### 3) NUMBER OF ROLLERS AND SHOES ON EACH SIDE

| Item            | Quantity |
|-----------------|----------|
| Carrier rollers | 2 EA     |
| Track rollers   | 9 EA     |
| Track shoes     | 48 EA    |

#### 4) SELECTION OF TRACK SHOE

Suitable track shoes should be selected according to operating conditions.

##### Method of selecting shoes

Confirm the category from the list of applications in **table 2**, then use **table 1** to select the shoe. Wide shoes (categories B and C) have limitations on applications. Before using wide shoes, check the precautions, then investigate and study the operating conditions to confirm if these shoes are suitable.

Select the narrowest shoe possible to meet the required flotation and ground pressure. Application of wider shoes than recommendations will cause unexpected problem such as bending of shoes, crack of link, breakage of pin, loosening of shoe bolts and the other various problems.

※ **Table 1**

| Track shoe                         | Specification | Category |
|------------------------------------|---------------|----------|
| 600 mm triple grouser              | Standard      | A        |
| 700 mm triple grouser              | Option        | B        |
| 710 mm double grouser              | Option        | B        |
| 800 mm triple grouser              | Option        | C        |
| 900 mm triple grouser              | Option        | C        |
| 800 mm triple grouser (long reach) | Standard      | C        |

※ **Table 2**

| Category | Applications                                | Precautions                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A        | Rocky ground,<br>river beds,<br>normal soil | <ul style="list-style-type: none"><li>• Travel at low speed on rough ground with large obstacles such as boulders or fallen trees</li></ul>                                                                                                                                                                                                                                                                                 |
| B        | Normal soil,<br>soft ground                 | <ul style="list-style-type: none"><li>• These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees</li><li>• Travel at high speed only on flat ground</li><li>• Travel slowly at low speed if it is impossible to avoid going over obstacles</li></ul>                                                                                                                                |
| C        | Extremely soft ground<br>(swampy ground)    | <ul style="list-style-type: none"><li>• Use the shoes only in the conditions that the machine sinks and it is impossible to use the shoes of category A or B</li><li>• These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees</li><li>• Travel at high speed only on flat ground</li><li>• Travel slowly at low speed if it is impossible to avoid going over obstacles</li></ul> |

## 8. SPECIFICATIONS FOR MAJOR COMPONENTS

### 1) ENGINE

| Item                                | Specification                                         |
|-------------------------------------|-------------------------------------------------------|
| Model                               | Cummins QSB6.7                                        |
| Type                                | 4-cycle turbocharged, charge air cooled diesel engine |
| Cooling method                      | Water cooling                                         |
| Number of cylinders and arrangement | 6 cylinders, in-line                                  |
| Firing order                        | 1-5-3-6-2-4                                           |
| Combustion chamber type             | Direct injection type                                 |
| Cylinder bore × stroke              | 107 × 124 mm (4.21" × 4.88")                          |
| Piston displacement                 | 6700 cc (409 cu in)                                   |
| Compression ratio                   | 17.3 : 1                                              |
| Rated net horse power (SAE J1349)   | 230 Hp at 1950 rpm (171 kW at 1950 rpm)               |
| Rated gross horse power (SAE J1995) | 242 Hp at 1950 rpm (180 kW at 1950 rpm)               |
| Maximum torque                      | 100.9 kgf · m (729.8 lbf · ft) at 1500 rpm            |
| Engine oil quantity                 | 23.1 ℓ (6.1 U.S. gal)                                 |
| Wet weight                          | 520 kg (1146 lb)                                      |
| High idling speed                   | 1950 ± 50 rpm                                         |
| Low idling speed                    | 800 ± 100 rpm                                         |
| Rated fuel consumption              | 152.1 g/Hp · hr at 1950 rpm                           |
| Starting motor                      | Denso 24 V-4.8 kW                                     |
| Alternator                          | Denso 24 V-95 A                                       |
| Battery                             | 2 × 12 V × 160 Ah                                     |

### 2) MAIN PUMP

| Item             | Specification                                                           |
|------------------|-------------------------------------------------------------------------|
| Type             | Variable displacement tandem axis piston pumps                          |
| Capacity         | 2 × 140 cc/rev                                                          |
| Maximum pressure | 350 kgf/cm <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)] |
| Rated oil flow   | 2 × 273 ℓ/min (72.1 U.S. gpm / 60.1 U.K. gpm)                           |

[ ] : Power boost

### 3) GEAR PUMP

| Item             | Specification                             |
|------------------|-------------------------------------------|
| Type             | Fixed displacement gear pump single stage |
| Capacity         | 15 cc/rev                                 |
| Maximum pressure | 40 kgf/cm <sup>2</sup> (570 psi)          |
| Rated oil flow   | 29.25 l /min (7.7 U.S. gpm/6.4 U.K. gpm)  |

### 4) MAIN CONTROL VALVE

| Item                       | Specification                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Type                       | 10 spools                                                                                                                                  |
| Operating method           | Hydraulic pilot system                                                                                                                     |
| Main relief valve pressure | 350 kgf/cm <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)]<br>★1 350 kgf/cm <sup>2</sup> (4980 psi) [Not applied power boost] |
| Port relief valve pressure | Boom 400 kgf/cm <sup>2</sup> (5690 psi)                                                                                                    |
|                            | Arm 400 kgf/cm <sup>2</sup> (5690 psi), ★1 250 kgf/cm <sup>2</sup> (3560 psi)                                                              |
|                            | Bucket 400 kgf/cm <sup>2</sup> (5690 psi), ★1 270 kgf/cm <sup>2</sup> (3840 psi)                                                           |

[ ] : Power boost    ★1 : Long reach only

### 5) SWING MOTOR

| Item                   | Specification                                |
|------------------------|----------------------------------------------|
| Type                   | Axial piston motor                           |
| Capacity               | 156.9 cc/rev                                 |
| Relief pressure        | 300 kgf/cm <sup>2</sup> (4270 psi)           |
| Braking system         | Automatic, spring applied hydraulic released |
| Braking torque         | 84.4 kgf · m (610 lbf · ft) over             |
| Brake release pressure | 36.5 kgf/cm <sup>2</sup> (519 psi) below     |
| Reduction gear type    | 2 - stage planetary                          |

### 6) TRAVEL MOTOR

| Item                   | Specification                                |
|------------------------|----------------------------------------------|
| Type                   | Variable displacement axial piston motor     |
| Capacity               | 282.6/156.9 cc/rev                           |
| Relief pressure        | 350 kgf/cm <sup>2</sup> (4980 psi)           |
| Braking system         | Automatic, spring applied hydraulic released |
| Braking torque         | 134 kgf · m (969 lbf · ft)                   |
| Brake release pressure | 17 kgf/cm <sup>2</sup> (242 psi)             |
| Reduction gear type    | 2-stage planetary                            |

## 7) CYLINDER

| Item                            |                   | Specification      |
|---------------------------------|-------------------|--------------------|
| Boom cylinder                   | Bore dia × Stroke | ø 140 × 1465 mm    |
|                                 | Cushion           | Extend only        |
| Arm cylinder                    | Bore dia × Stroke | ø 150 × 1765 mm    |
|                                 | Cushion           | Extend and retract |
| Bucket cylinder                 | Bore dia × Stroke | ø 135 × 1185 mm    |
|                                 | Cushion           | Extend only        |
| Bucket cylinder<br>(long reach) | Bore dia × Stroke | ø 100 × 870 mm     |
|                                 | Cushion           | Extend and retract |

※ Discoloration of cylinder rod can occur when the friction reduction additive of lubrication oil spreads on the rod surface.

※ Discoloration does not cause any harmful effect on the cylinder performance.

## 8) SHOE

| Item                   |          | Width         | Ground pressure                     | Link quantity | Overall width     |
|------------------------|----------|---------------|-------------------------------------|---------------|-------------------|
| HX300 L                | Standard | 600 mm (24")  | 0.58 kgf/cm <sup>2</sup> (8.25 psi) | 48            | 3200 mm (10' 6")  |
|                        | Option   | 700 mm (28")  | 0.51 kgf/cm <sup>2</sup> (7.25 psi) | 48            | 3300 mm (10' 10") |
|                        |          | 800 mm (32")  | 0.45 kgf/cm <sup>2</sup> (6.40 psi) | 48            | 3400 mm (11' 1")  |
|                        |          | 900 mm (36")  | 0.41 kgf/cm <sup>2</sup> (5.83 psi) | 48            | 3500 mm (11' 5")  |
| HX300 NL               | Standard | 600 mm (24")  | 0.58 kgf/cm <sup>2</sup> (8.25 psi) | 48            | 2990 mm (9' 10")  |
| HX300 L<br>LONG REACH  | Standard | 800 mm (32")  | 0.48 kgf/cm <sup>2</sup> (6.83 psi) | 48            | 3400 mm (11' 2")  |
| HX300 L<br>HIGH WALKER | Standard | 600 mm (24")  | 0.64 kgf/cm <sup>2</sup> (9.10 psi) | 48            | 3470 mm (11' 5")  |
|                        | Option   | 700 mm (28")  | 0.56 kgf/cm <sup>2</sup> (7.96 psi) | 48            | 3570 mm (11' 9")  |
|                        |          | 800 mm (32")  | 0.49 kgf/cm <sup>2</sup> (6.97 psi) | 48            | 3670 mm (12' 0")  |
|                        |          | ★710 mm (28") | 0.56 kgf/cm <sup>2</sup> (7.96 psi) | 48            | 3580 mm (11' 9")  |

★ : Double grouser

## 9) BUCKET

| Item                            | Capacity                                      |                                             | Tooth quantity | Width               |                  |
|---------------------------------|-----------------------------------------------|---------------------------------------------|----------------|---------------------|------------------|
|                                 | SAE heaped                                    | CECE heaped                                 |                | Without side cutter | With side cutter |
| HX300 L<br>HX300 NL<br>H/WALKER | 1.27 m <sup>3</sup> (1.66 yd <sup>3</sup> )   | 1.11 m <sup>3</sup> (1.45 yd <sup>3</sup> ) | 5              | 1325 mm (52.2")     | 1410 mm (55.5")  |
|                                 | ◆ 1.27 m <sup>3</sup> (1.66 yd <sup>3</sup> ) | 1.11 m <sup>3</sup> (1.45 yd <sup>3</sup> ) | 5              | 1380 mm (54.3")     | -                |
|                                 | ◆ 1.46 m <sup>3</sup> (1.91 yd <sup>3</sup> ) | 1.28 m <sup>3</sup> (1.67 yd <sup>3</sup> ) | 5              | 1535 mm (60.4")     | -                |
|                                 | ◆ 1.33 m <sup>3</sup> (1.74 yd <sup>3</sup> ) | 1.16 m <sup>3</sup> (1.52 yd <sup>3</sup> ) | 5              | 1420 mm (55.9")     | -                |
|                                 | ◆ 1.50 m <sup>3</sup> (1.96 yd <sup>3</sup> ) | 1.30 m <sup>3</sup> (1.70 yd <sup>3</sup> ) | 5              | 1550 mm (61.0")     | -                |
|                                 | 1.50 m <sup>3</sup> (1.96 yd <sup>3</sup> )   | 1.30 m <sup>3</sup> (1.70 yd <sup>3</sup> ) | 5              | 1515 mm (59.6")     | 1600 mm (63.0")  |
|                                 | 1.73 m <sup>3</sup> (2.26 yd <sup>3</sup> )   | 1.51 m <sup>3</sup> (1.98 yd <sup>3</sup> ) | 6              | 1605 mm (63.2")     | 1690 mm (66.5")  |
|                                 | 1.85 m <sup>3</sup> (2.42 yd <sup>3</sup> )   | 1.61 m <sup>3</sup> (2.11 yd <sup>3</sup> ) | 6              | 1700 mm (66.9")     | 1780 mm (70.1")  |
| LONG REACH                      | 0.52 m <sup>3</sup> (0.68 yd <sup>3</sup> )   | 0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> ) | 5              | 945 mm (37.2")      | 1020 mm (40.2")  |

◆ : Heavy duty bucket

◆ : Rock-Heavy duty bucket

## 9. RECOMMENDED OILS

HD Hyundai Construction Equipment genuine lubricating oils have been developed to offer the best performance and service life for your equipment. These oils have been tested according to the specifications of HD Hyundai Construction Equipment and, therefore, will meet the highest safety and quality requirements. We recommend that you use only HD Hyundai Construction Equipment genuine lubricating oils and grease officially approved by HD Hyundai Construction Equipment.

| Service point                | Kind of fluid                                      | Capacity<br>ℓ (U.S. gal)                   | Ambient temperature °C ( °F)                              |                                     |             |             |           |            |            |            |             |
|------------------------------|----------------------------------------------------|--------------------------------------------|-----------------------------------------------------------|-------------------------------------|-------------|-------------|-----------|------------|------------|------------|-------------|
|                              |                                                    |                                            | -50<br>(-58)                                              | -30<br>(-22)                        | -20<br>(-4) | -10<br>(14) | 0<br>(32) | 10<br>(50) | 20<br>(68) | 30<br>(86) | 40<br>(104) |
| Engine oil pan               | Engine oil                                         | 24.4 (6.4)                                 | ★SAE 5W-40                                                |                                     |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           |                                     |             |             |           | SAE 30     |            |            |             |
|                              |                                                    |                                            |                                                           | SAE 10W                             |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           | SAE 10W-30                          |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           | SAE 15W-40                          |             |             |           |            |            |            |             |
| DEF/<br>AdBlue® tank         | Mixture of urea and deionized water                | 42.5 (11.2)                                | ISO 22241, High-purity urea + deionized water (32.5:67.5) |                                     |             |             |           |            |            |            |             |
| Swing drive                  | Gear oil                                           | 11 (2.91)                                  | ★SAE 75W-90                                               |                                     |             |             |           |            |            |            |             |
| Final drive                  |                                                    | 7.8×2<br>(2.1×2)                           |                                                           | SAE 80W-90                          |             |             |           |            |            |            |             |
| Hydraulic tank               | Hydraulic oil                                      | Tank : 190<br>(50)<br>System : 330<br>(87) | ★ISO VG 15                                                |                                     |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           | ISO VG 32                           |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           | ISO VG 46, HBHO VG 46★ <sup>3</sup> |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           | ISO VG 68                           |             |             |           |            |            |            |             |
| Fuel tank                    | Diesel fuel★ <sup>1</sup>                          | 500 (132)                                  | ★ASTM D975 NO.1                                           |                                     |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           | ASTM D975 NO.2                      |             |             |           |            |            |            |             |
| Fitting<br>(grease nipple)   | Grease                                             | As required                                | ★NLGI NO.1                                                |                                     |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           | NLGI NO.2                           |             |             |           |            |            |            |             |
| Radiator<br>(reservoir tank) | Mixture of antifreeze and soft water★ <sup>2</sup> | 40 (10.6)                                  | Ethylene glycol base permanent type (50 : 50)             |                                     |             |             |           |            |            |            |             |
|                              |                                                    |                                            | ★Ethylene glycol base permanent type (60 : 40)            |                                     |             |             |           |            |            |            |             |
|                              |                                                    |                                            |                                                           |                                     |             |             |           |            |            |            |             |

**SAE** : Society of Automotive Engineers

**API** : American Petroleum Institute

**ISO** : International Organization for Standardization

**NLGI** : National Lubricating Grease Institute

**ASTM** : American Society of Testing and Material

**UTTO** : Universal Tractor Transmission Oil

**DEF** : Diesel Exhaust Fluid, DEF compatible with AdBlue®

★ : Cold region

Russia, CIS, Mongolia

★<sup>1</sup> : Ultra low sulfur diesel

- sulfur content ≤ 15 ppm

★<sup>2</sup> : Soft water

City water or distilled water

★<sup>3</sup> : HD Hyundai Construction Equipment

Bio Hydraulic Oil

※ Using any lubricating oils other than HD Hyundai Construction Equipment genuine products may lead to a deterioration of performance and cause damage to major components.

※ Do not mix HD Hyundai Construction Equipment genuine oil with any other lubricating oil as it may result in damage to the systems of major components.

※ Do not use any engine oil other than that specified above, as it may clog the diesel particulate filter(DPF).

※ For HD Hyundai Construction Equipment genuine lubricating oils and grease for use in regions with extremely low temperatures, please contact HD Hyundai Construction Equipment dealers.