SECTION 1 GENERAL

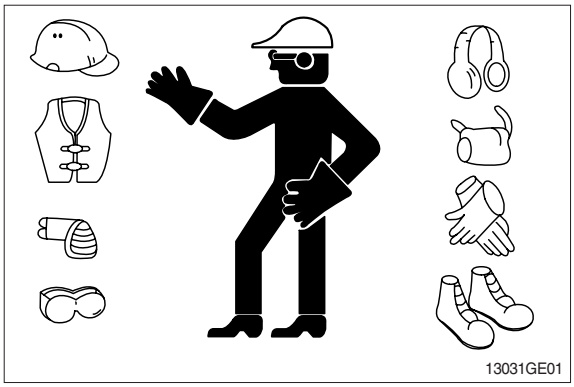
GROUP 1 SAFETY

FOLLOW SAFE PROCEDURE

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

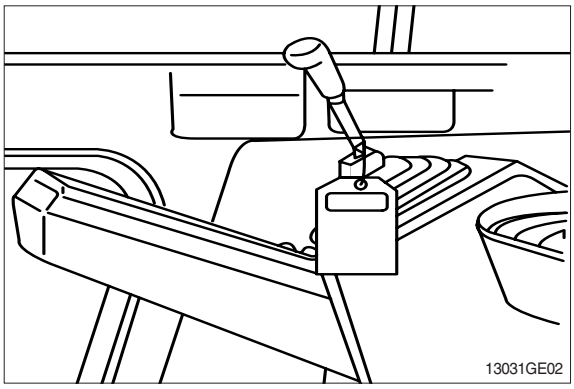
WEAR PROTECTIVE CLOTHING

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



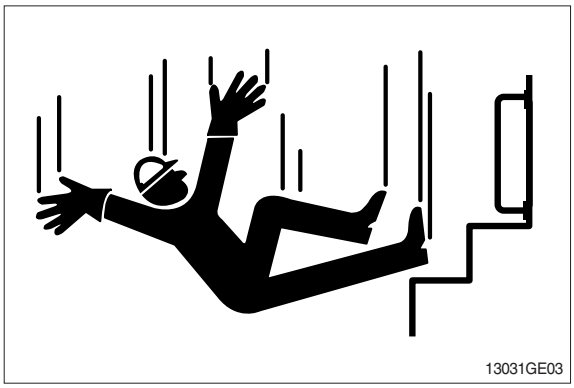
WARN OTHERS OF SERVICE WORK

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.

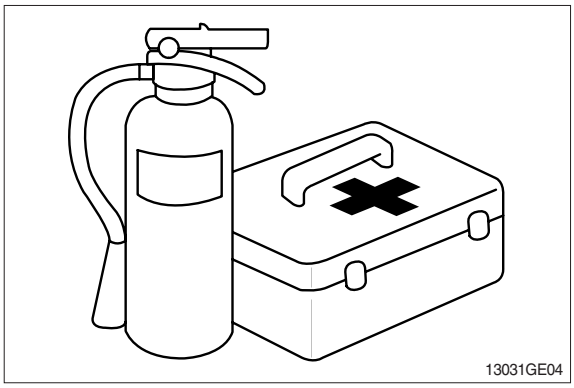


PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

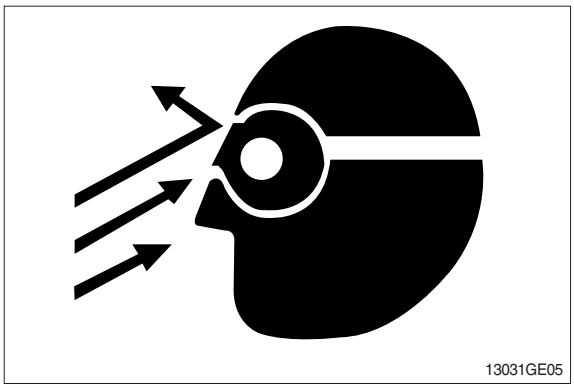
Keep a first aid kit and fire extinguisher handy.

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



PROTECT AGAINST FLYING DEBRIS

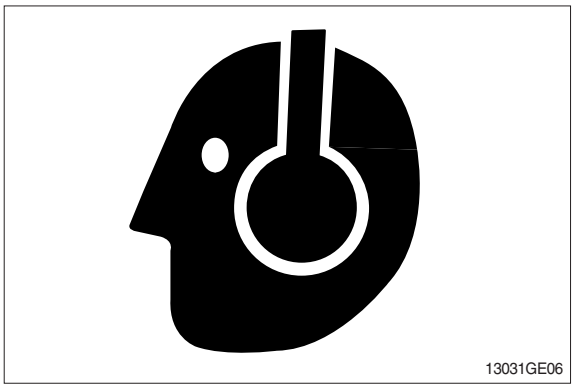
Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



PROTECT AGAINST NOISE

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

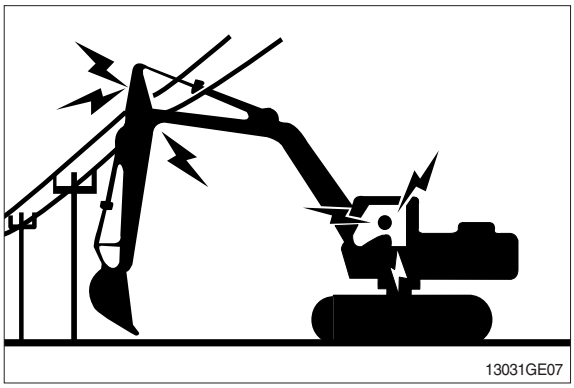
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



AVOID POWER LINES

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

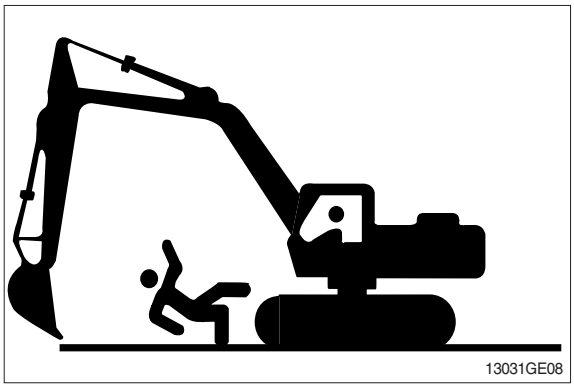
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



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.

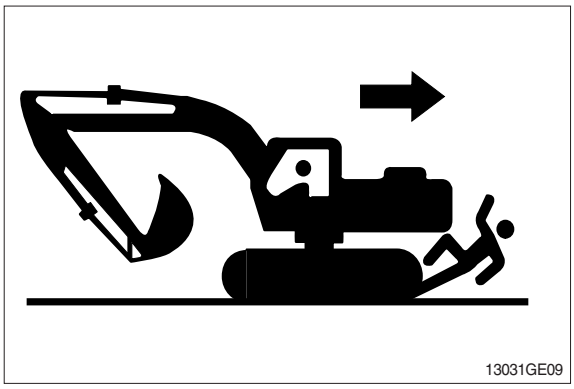

13031GE08

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.

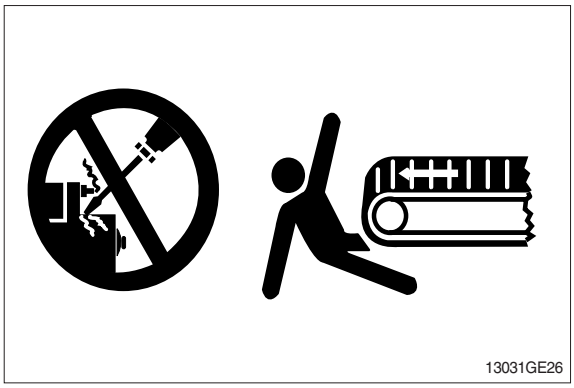
Use a signal person when moving, swinging, or operating the machine in congested areas. Coordinate hand signals before starting the excavator.


13031GE09

OPERATE ONLY FORM 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.


13031GE26

PARK MACHINE SAFELY

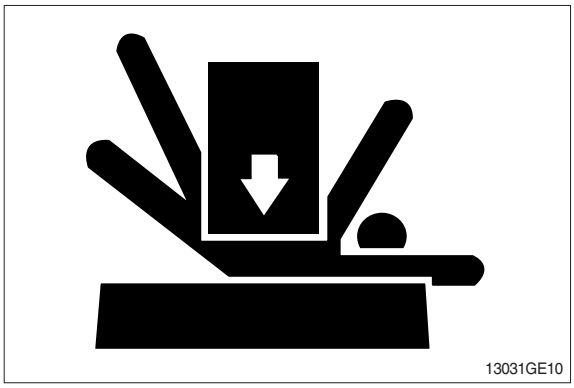
Before working on the machine:

- 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.

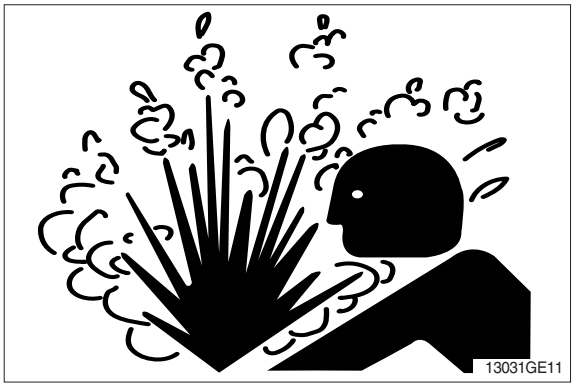
Do not support the machine on cinder blocks, hollow tiles, or props that may crumble under continuous load.
Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.


13031GE10

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.


13031GE11

HANDLE FLUIDS SAFELY-AVOID FIRES

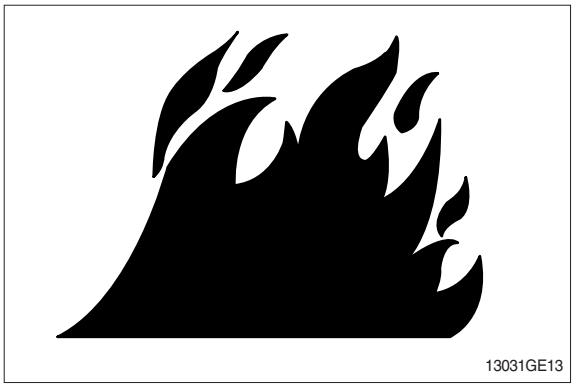
Handle fuel with care; It is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks. Always stop engine before refueling machine.
Fill fuel tank outdoors.


13031GE12

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

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

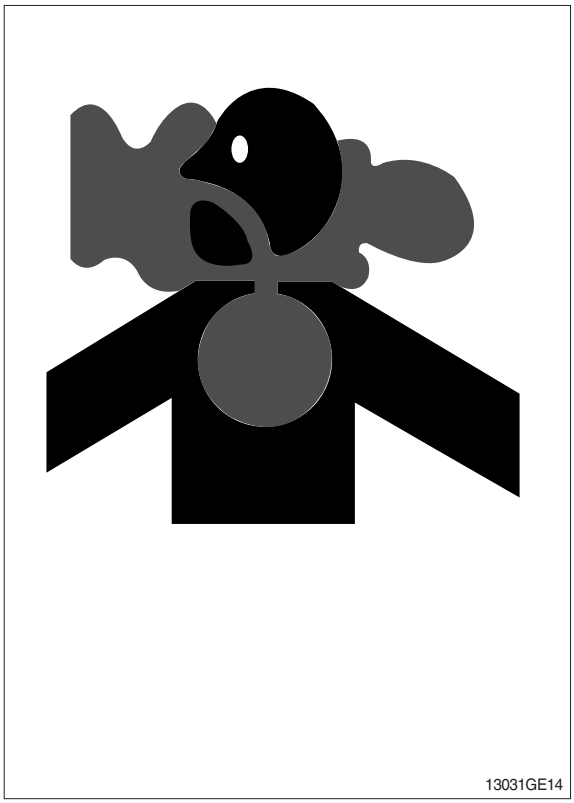
Do not store oily rags; They can ignite and burn spontaneously.


13031GE13

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.


13031GE14

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.

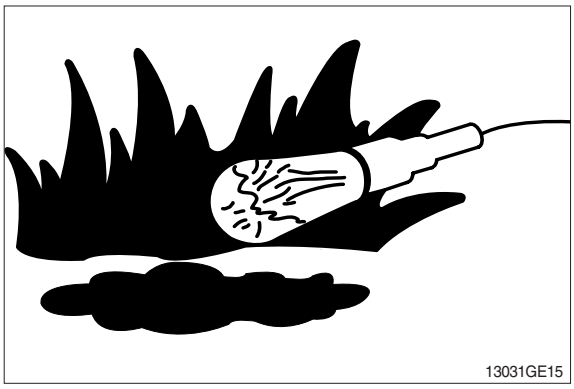
Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

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

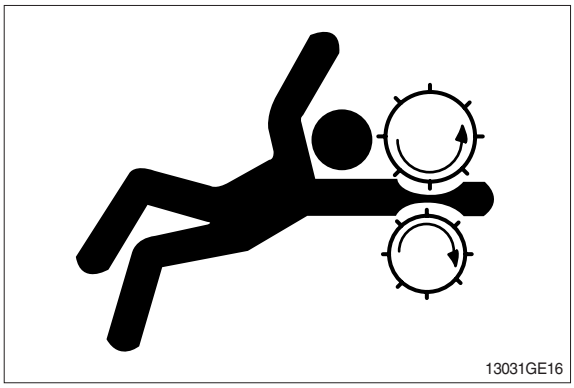
Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.


13031GE15

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.

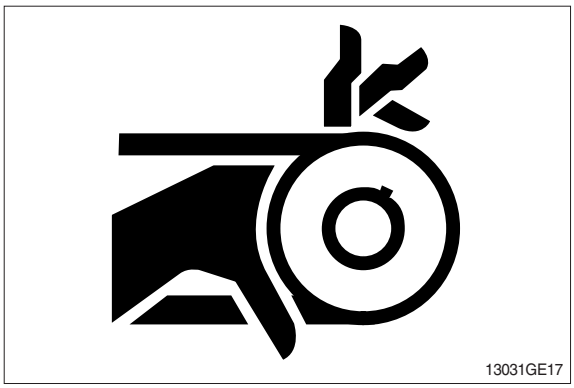
Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

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



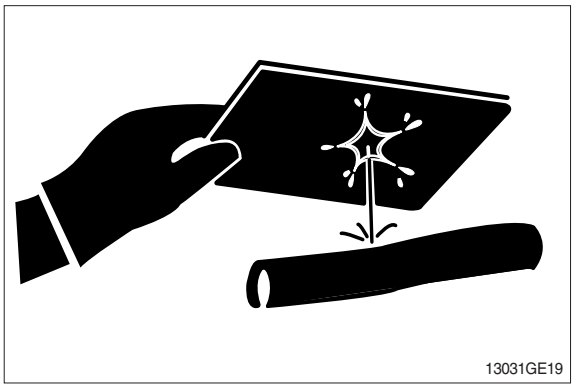
AVOID HIGH PRESSURE FLUIDS

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:

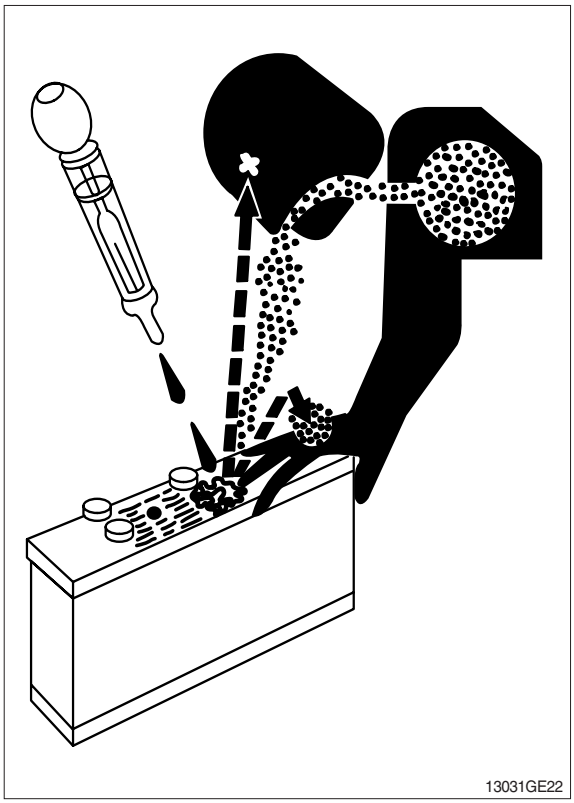
1. Filling batteries in a well-ventilated area.
2. Wearing eye protection and rubber gloves.
3. Avoiding breathing fumes when electrolyte is added.
4. Avoiding spilling of dripping electrolyte.
5. Use proper jump start procedure.

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.



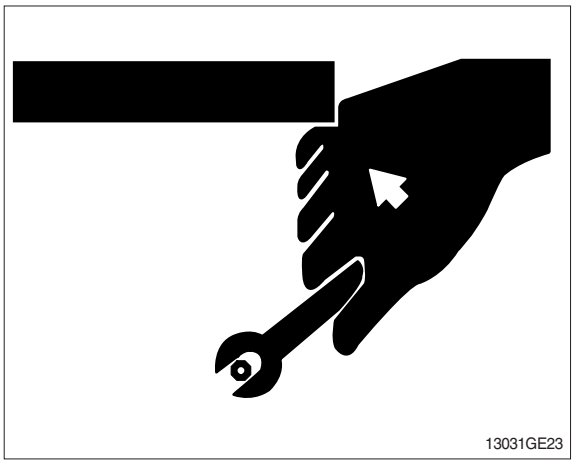
USE TOOLS PROPERLY

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.)

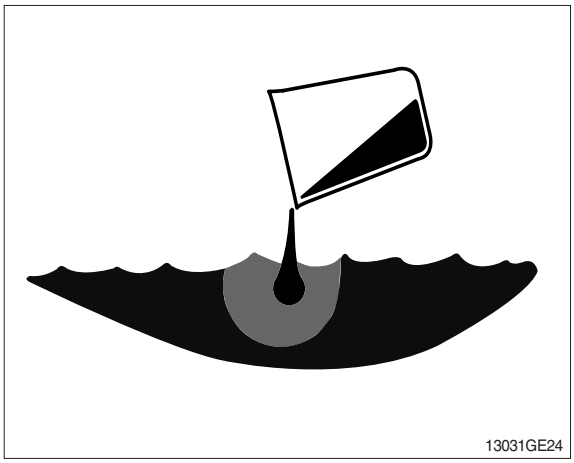


DISPOSE OF FLUIDS PROPERLY

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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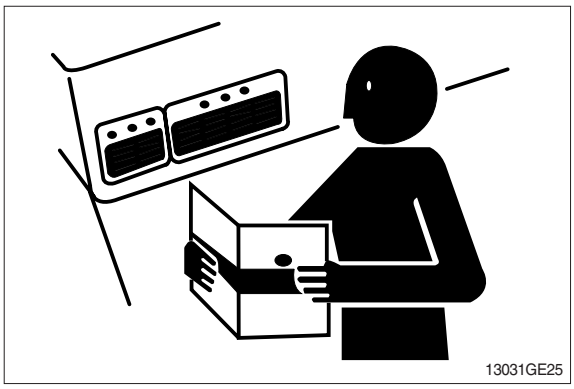
REPLACE SAFETY SIGNS

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

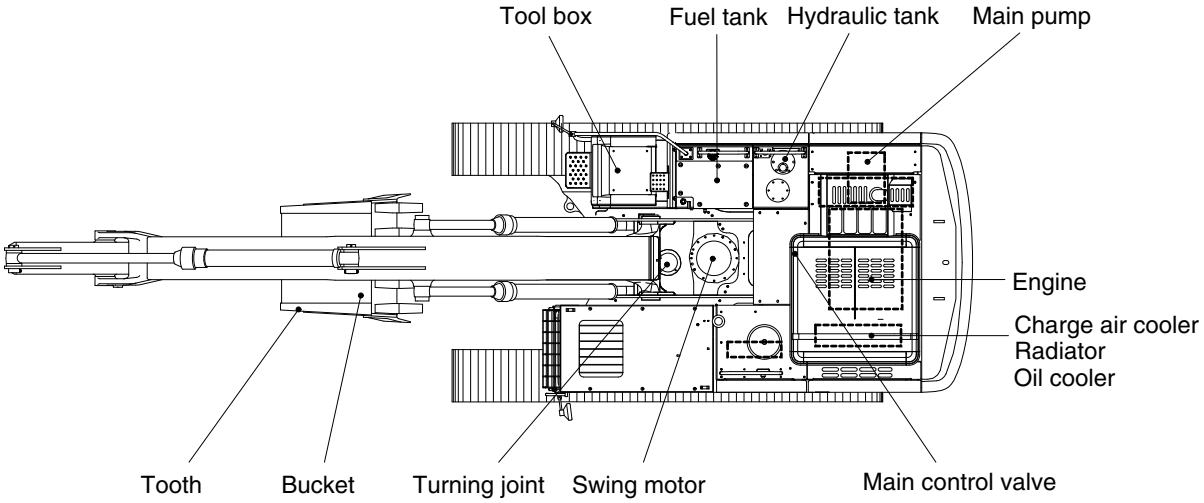

13031GE25

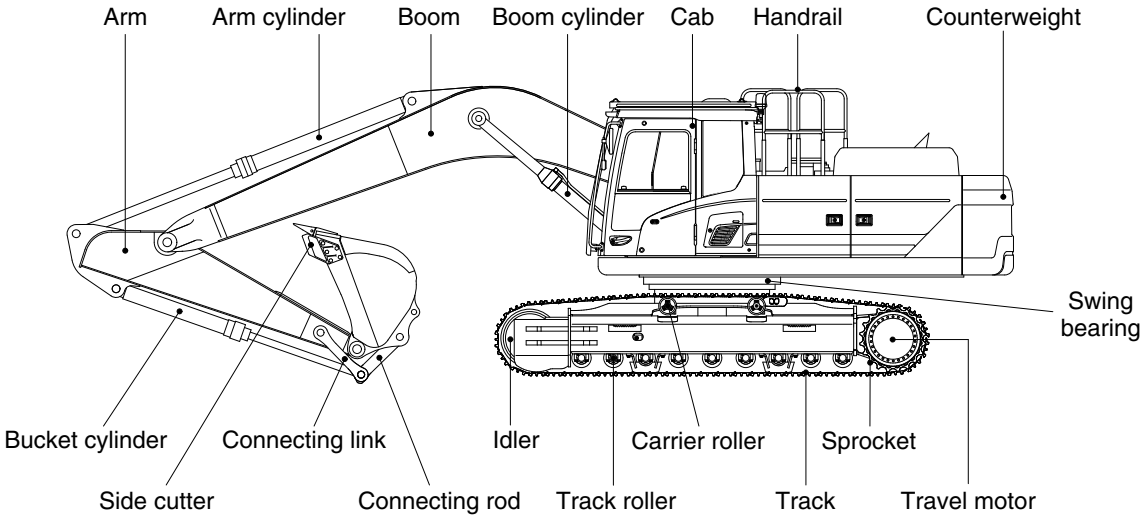
LIVE WITH SAFETY

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

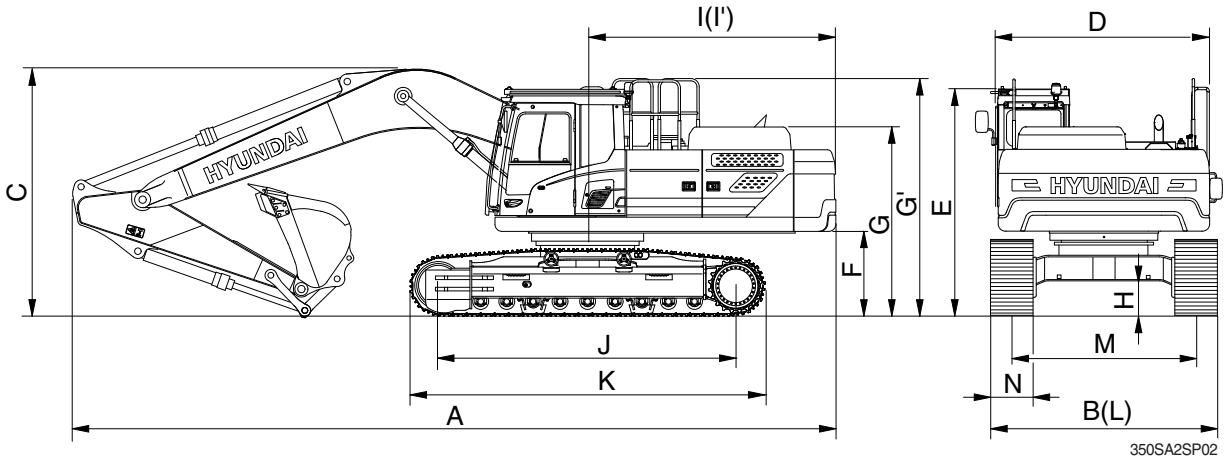




350SA2SP01

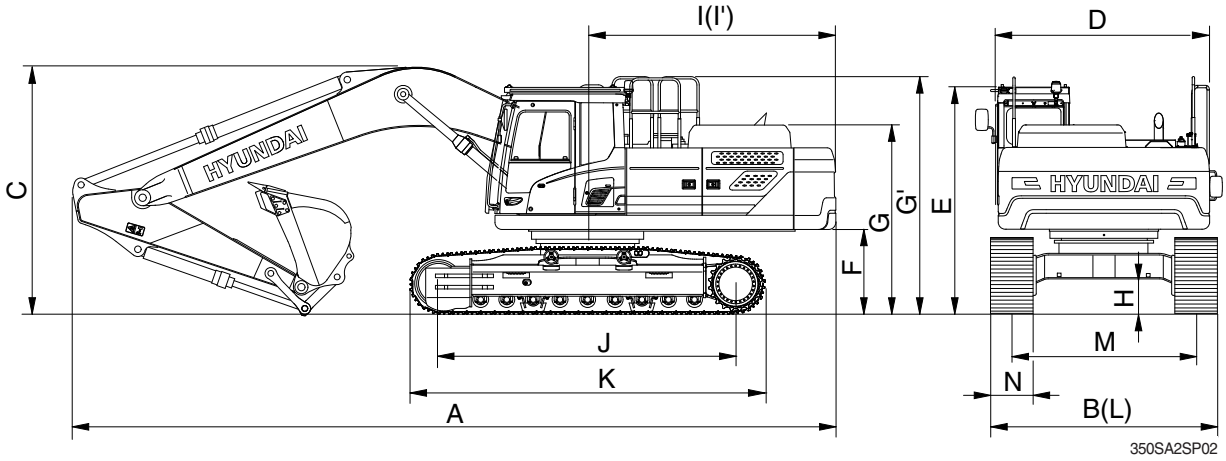
2. SPECIFICATIONS

1) HX350LT3, 6.45m (21' 2") BOOM



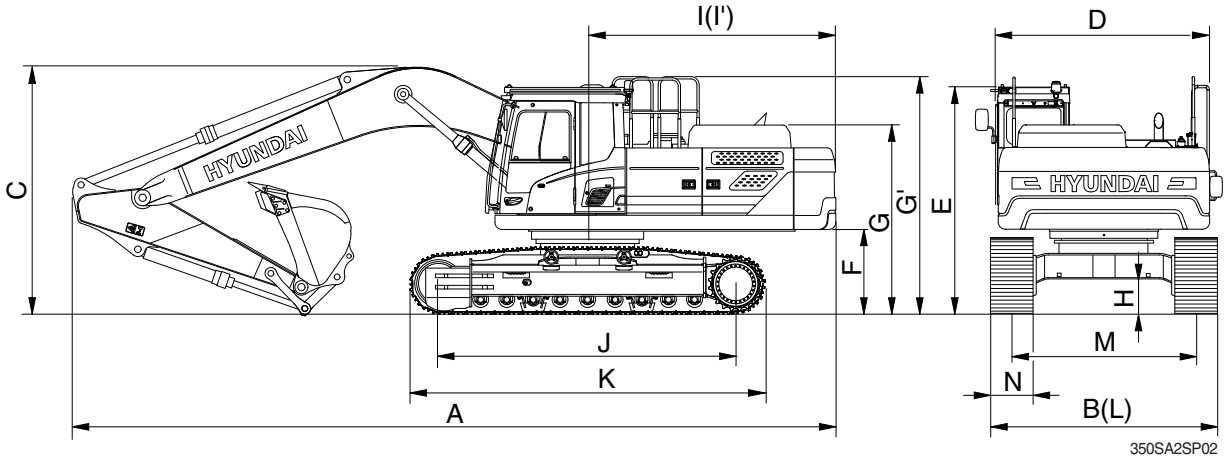
Description		Unit		Specification			
		m (ft-in)	Boom	6.45 (21' 2")			
			Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
		mm (in)	Shoe	600 (24)			
Operating weight		kg (lb)		33680 (74096)	33460 (73612)	33570 (73854)	33900 (74580)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.44 (1.88)	1.44 (1.88)	1.44 (1.88)	1.44 (1.88)
Overall length	A	mm (ft-in)		11220 (36' 10")	11460 (37' 7")	11340 (37' 2")	11200 (36' 9")
Overall width	B			3280 (10' 9")	3280 (10' 9")	3280 (10' 9")	3280 (10' 9")
Overall height of boom	C			3360 (11' 0")	3630 (11' 11")	3540 (11' 7")	3880 (12' 9")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3145 (10' 4")	3145 (10' 4")	3145 (10' 4")	3145 (10' 4")
Ground clearance of counterweight	F			1200 (3' 11")	1200 (3' 11")	1200 (3' 11")	1200 (3' 11")
Overall height of engine hood	G			2690 (8' 10")	2690 (8' 10")	2690 (8' 10")	2690 (8' 10")
Overall height of handrail	G'			3350 (11' 0")	3350 (11' 0")	3350 (11' 0")	3350 (11' 0")
Minimum ground clearance	H			500 (1' 8")	500 (1' 8")	500 (1' 8")	500 (1' 8")
Rear-end distance	I			3505 (11' 6")	3505 (11' 6")	3505 (11' 6")	3505 (11' 6")
Rear-end swing radius	I'			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Distance between tumblers	J			4030 (13' 3")	4030 (13' 3")	4030 (13' 3")	4030 (13' 3")
Undercarriage length	K			4940 (16' 2")	4940 (16' 2")	4940 (16' 2")	4940 (16' 2")
Undercarriage width	L			3280 (10' 9")	3280 (10' 9")	3280 (10' 9")	3280 (10' 9")
Track gauge	M			2680 (8' 10")	2680 (8' 10")	2680 (8' 10")	2680 (8' 10")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.5/6.4			
Swing speed		rpm		10.2			
Gradeability		Degree (%)		35 (70)			
Ground pressure		kgf/cm^2 (psi)		0.65 (9.22)	0.64 (9.16)	0.65 (9.19)	0.65 (9.28)
Max traction force		kg (lb)		27404 (60415)			

2) HX350LT3, 6.15m (20' 2") HD SHORT BOOM



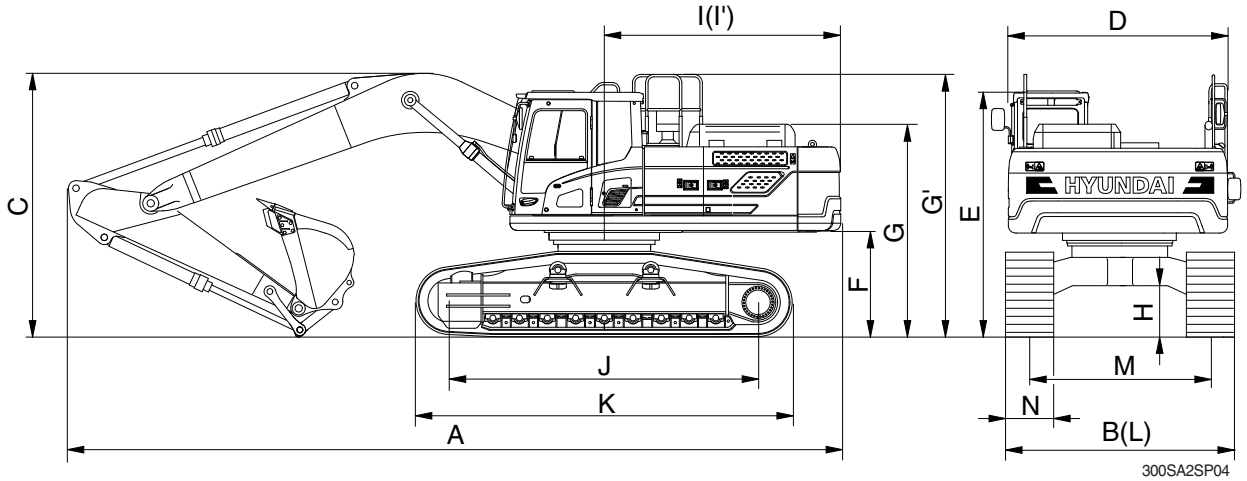
Description		Unit		Specification	
		m (ft-in)	Boom	6.15 (20' 2")	
			Arm	2.20 (7' 3")	2.50 (8' 2")
		mm (in)	Shoe	600 (24)	
Operating weight		kg (lb)		33410 (73502)	33520 (73744)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.44 (1.88)	1.44 (1.88)
Overall length	A	mm (ft-in)		11230 (36' 3")	11080 (36' 4")
Overall width	B			3280 (10' 9")	3280 (10' 9")
Overall height of boom	C			3720 (12' 2")	3620 (11' 11")
Superstructure width	D			2960 (9' 9")	2960 (9' 9")
Overall height of cab	E			3145 (10' 4")	3145 (10' 4")
Ground clearance of counterweight	F			1200 (3' 11")	1200 (3' 11")
Overall height of engine hood	G			2690 (8' 10")	2690 (8' 10")
Overall height of handrail	G'			3350 (11' 0")	3350 (11' 0")
Minimum ground clearance	H			500 (1' 8")	500 (1' 8")
Rear-end distance	I			3505 (11' 6")	3505 (11' 6")
Rear-end swing radius	I'			3570 (11' 9")	3570 (11' 9")
Distance between tumblers	J			4030 (13' 3")	4030 (13' 3")
Undercarriage length	K			4940 (16' 2")	4940 (16' 2")
Undercarriage width	L			3280 (10' 9")	3280 (10' 9")
Track gauge	M			2680 (8' 10")	2680 (8' 10")
Track shoe width, standard	N			600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.5/6.4	
Swing speed		rpm		10.2	
Gradeability		Degree (%)		35 (70)	
Ground pressure		kgf/cm^2 (psi)		0.64 (9.15)	0.65 (9.18)
Max traction force		kg (lb)		27404 (60415)	

3) HX350LT3, 6.45m (21' 2") HD BOOM

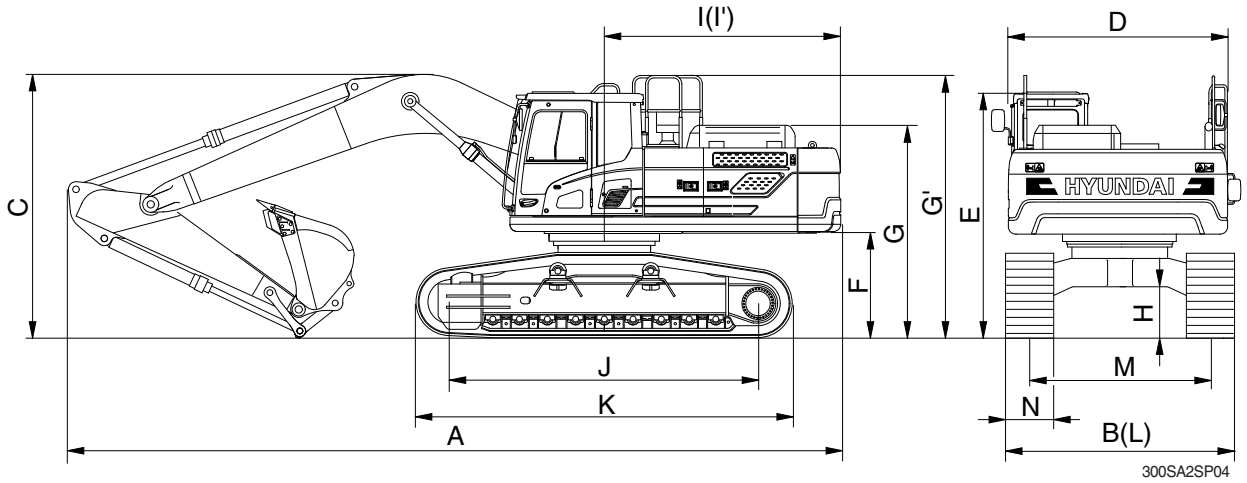


Description		Unit		Specification			
		m (ft-in)	Boom	6.45 (21' 2")			
			Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
		mm (in)	Shoe	600 (24)			
Operating weight		kg (lb)		33680 (74096)	33460 (73612)	33570 (73854)	33900 (74580)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.44 (1.88)	1.44 (1.88)	1.44 (1.88)	1.44 (1.88)
Overall length	A	mm (ft-in)		11220 (36' 10")	11530 (37' 10")	11390 (37' 4")	11210 (36' 9")
Overall width	B			3280 (10' 9")	3280 (10' 9")	3280 (10' 9")	3280 (10' 9")
Overall height of boom	C			3420 (11' 3")	3680 (12' 1")	3580 (11' 9")	3900 (12' 1")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3145 (10' 4")	3145 (10' 4")	3145 (10' 4")	3145 (10' 4")
Ground clearance of counterweight	F			1200 (3' 11")	1200 (3' 11")	1200 (3' 11")	1200 (3' 11")
Overall height of engine hood	G			2690 (8' 10")	2690 (8' 10")	2690 (8' 10")	2690 (8' 10")
Overall height of handrail	G'			3350 (11' 0")	3350 (11' 0")	3350 (11' 0")	3350 (11' 0")
Minimum ground clearance	H			500 (1' 8")	500 (1' 8")	500 (1' 8")	500 (1' 8")
Rear-end distance	I			3505 (11' 6")	3505 (11' 6")	3505 (11' 6")	3505 (11' 6")
Rear-end swing radius	I'			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Distance between tumblers	J			4030 (13' 3")	4030 (13' 3")	4030 (13' 3")	4030 (13' 3")
Undercarriage length	K			4940 (16' 2")	4940 (16' 2")	4940 (16' 2")	4940 (16' 2")
Undercarriage width	L			3280 (10' 9")	3280 (10' 9")	3280 (10' 9")	3280 (10' 9")
Track gauge	M			2680 (8' 10")	2680 (8' 10")	2680 (8' 10")	2680 (8' 10")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.5/6.4			
Swing speed		rpm		10.2			
Gradeability		Degree (%)		35 (70)			
Ground pressure		kgf/cm^2 (psi)		0.65 (9.22)	0.64 (9.16)	0.65 (9.19)	0.65 (9.28)
Max traction force		kg (lb)		27404 (60415)			

4) HX350LT3 HW, 6.45 m (21' 2") BOOM

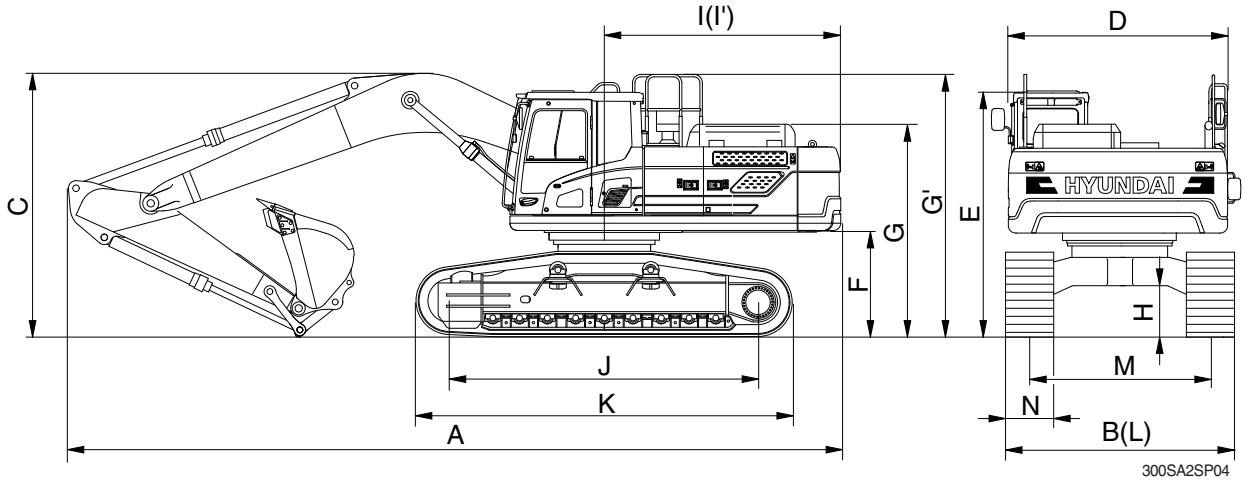


Description		Unit		Specification			
		m (ft-in)	Boom	6.45 (21' 2")			
			Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
		mm (in)	Shoe	700 (28")			
Operating weight		kg (lb)		37100 (81620)	36890 (81158)	37000 (81400)	37330 (82126)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.44 (1.88)	1.44 (1.88)	1.44 (1.88)	1.44 (1.88)
Overall length	A	mm (ft-in)		11150 (36' 7")	11460 (37' 7")	11340 (37' 2")	11240 (36' 11")
Overall width	B			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Overall height of boom	C			3360 (11' 0")	3740 (12' 3")	3760 (12' 4")	3810 (12' 6")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3480 (11' 5")	3480 (11' 5")	3480 (11' 5")	3480 (11' 5")
Ground clearance of counterweight	F			1535 (5' 0")	1535 (5' 0")	1535 (5' 0")	1535 (5' 0")
Overall height of engine hood	G			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of handrail	G'			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Minimum ground clearance	H			800 (2' 7")	800 (2' 7")	800 (2' 7")	800 (2' 7")
Rear-end distance	I			3505 (11' 6")	3505 (11' 6")	3505 (11' 6")	3505 (11' 6")
Rear-end swing radius	I'			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Distance between tumblers	J			4100 (13' 5")	4100 (13' 5")	4100 (13' 5")	4100 (13' 5")
Undercarriage length	K			5010 (16' 5")	5010 (16' 5")	5010 (16' 5")	5010 (16' 5")
Undercarriage width	L			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Track gauge	M			2870 (9' 5")	2870 (9' 5")	2870 (9' 5")	2870 (9' 5")
Track shoe width, standard	N			700 (28")	700 (28")	700 (28")	700 (28")
Travel speed (low/high)		km/hr (mph)		3.5/6.4			
Swing speed		rpm		10.2			
Gradeability		Degree (%)		35 (70)			
Ground pressure		kgf/cm^2 (psi)		0.61 (8.69)	0.64 (8.64)	0.61 (8.66)	0.62 (8.86)
Max traction force		kg (lb)		27404 (60415)			



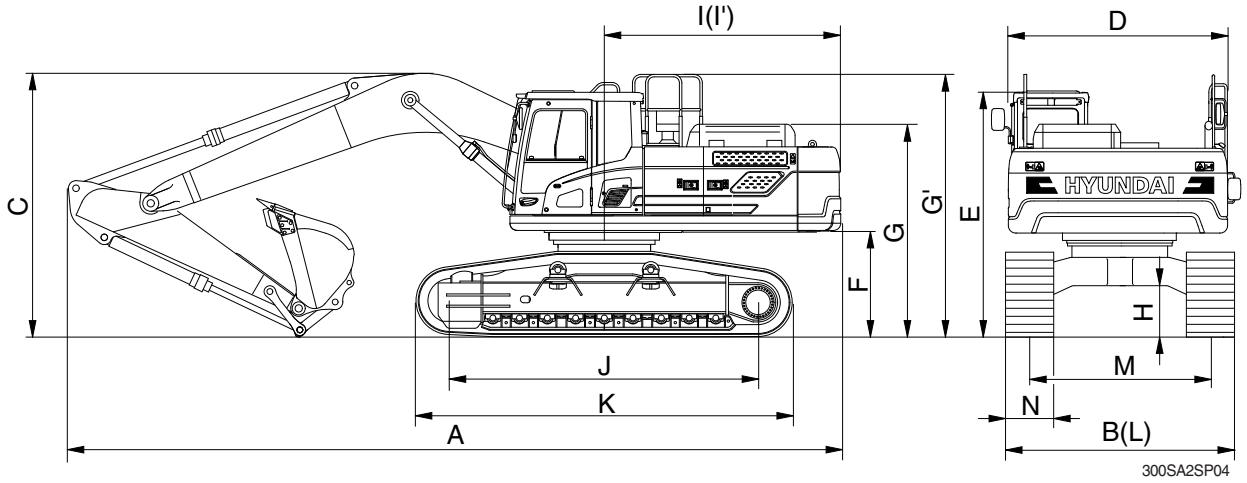
Description		Unit		Specification			
		m (ft-in)	Boom	6.45 (21' 2")			
			Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
		mm (in)	Shoe	600 (24")			
Operating weight		kg (lb)		35540 (78350)	35330 (77890)	35440 (78130)	35770 (78860)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.44 (1.88)	1.44 (1.88)	1.44 (1.88)	1.44 (1.88)
Overall length	A	mm (ft-in)		11150 (36' 7")	11460 (37' 7")	11340 (37' 2")	11240 (36' 10")
Overall width	B			3470 (11' 5")	3470 (11' 5")	3470 (11' 5")	3470 (11' 5")
Overall height of boom	C			3360 (11' 0")	3740 (12' 3")	3760 (12' 4")	3810 (12' 6")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3480 (11' 5")	3480 (11' 5")	3480 (11' 5")	3480 (11' 5")
Ground clearance of counterweight	F			1535 (5' 0")	1535 (5' 0")	1535 (5' 0")	1535 (5' 0")
Overall height of engine hood	G			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of handrail	G'			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Minimum ground clearance	H			800 (2' 7")	800 (2' 7")	800 (2' 7")	800 (2' 7")
Rear-end distance	I			3505 (11' 6")	3505 (11' 6")	3505 (11' 6")	3505 (11' 6")
Rear-end swing radius	I'			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Distance between tumblers	J			4030 (13' 3")	4030 (13' 3")	4030 (13' 3")	4030 (13' 3")
Undercarriage length	K			4940 (16' 2")	4940 (16' 2")	4940 (16' 2")	4940 (16' 2")
Undercarriage width	L			3470 (11' 5")	3470 (11' 5")	3470 (11' 5")	3470 (11' 5")
Track gauge	M			2870 (9' 5")	2870 (9' 5")	2870 (9' 5")	2870 (9' 5")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.5/6.4			
Swing speed		rpm		10.2			
Gradeability		Degree (%)		35 (70)			
Ground pressure		kgf/cm^2 (psi)		0.68 (9.73)	0.68 (9.67)	0.68 (9.70)	0.69 (9.80)
Max traction force		kg (lb)		27404 (60415)			

5) HX350LT3 HW, 6.15m (20' 2") HD SHORT BOOM

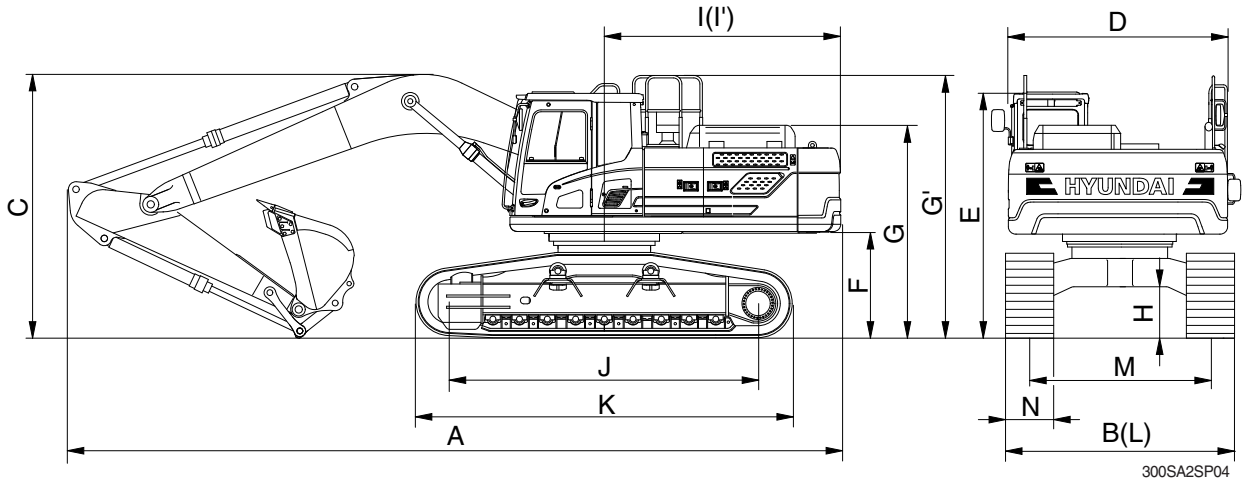


Description		Unit		Specification			
		m (ft-in)	Boom	6.15 (20' 2")			
			Arm	2.20 (7' 3")		2.50 (8' 2")	
		mm (in)	Shoe	700 (28")	600 (24")	700 (28")	600 (24")
Operating weight		kg (lb)		36840 (81048)	35280 (77780)	36950 (81290)	35390 (78022)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.44 (1.88)	1.44 (1.88)	1.44 (1.88)	1.44 (1.88)
Overall length	A	mm (ft-in)		11230 (36' 10")	11230 (36' 10")	11020 (36' 2")	11020 (36' 2")
Overall width	B			3570 (11' 9")	3470 (11' 5")	3570 (11' 9")	3470 (11' 5")
Overall height of boom	C			3820 (12' 6")	3820 (12' 6")	3690 (12' 1")	3690 (12' 1")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3480 (11' 5")	3480 (11' 5")	3480 (11' 5")	3480 (11' 5")
Ground clearance of counterweight	F			1200 (3' 11")	1200 (3' 11")	1200 (3' 11")	1200 (3' 11")
Overall height of engine hood	G			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of handrail	G'			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Minimum ground clearance	H			800 (2' 7")	800 (2' 7")	800 (2' 7")	800 (2' 7")
Rear-end distance	I			3505 (11' 6")	3505 (11' 6")	3505 (11' 6")	3505 (11' 6")
Rear-end swing radius	I'			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Distance between tumblers	J			4100 (13' 5")	4030 (13' 3")	4100 (13' 5")	4030 (13' 3")
Undercarriage length	K			5010 (16' 5")	4940 (16' 2")	5010 (16' 5")	4940 (16' 2")
Undercarriage width	L			3570 (11' 9")	3470 (11' 5")	3570 (11' 9")	3470 (11' 5")
Track gauge	M			2870 (9' 5")	2870 (9' 5")	2870 (9' 5")	2870 (9' 5")
Track shoe width, standard	N			700 (28")	600 (24")	700 (28")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.5/6.4	3.5/6.4	3.5/6.4	3.5/6.4
Swing speed		rpm		10.2	10.2	10.2	10.2
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm^2 (psi)		0.61 (8.62)	0.68 (9.66)	0.61 (8.69)	0.68 (9.73)
Max traction force		kg (lb)		27404 (60415)	27404 (60415)	27404 (60415)	27404 (60415)

6) HX350LT3 HW, 6.45 m (21' 2") HD BOOM



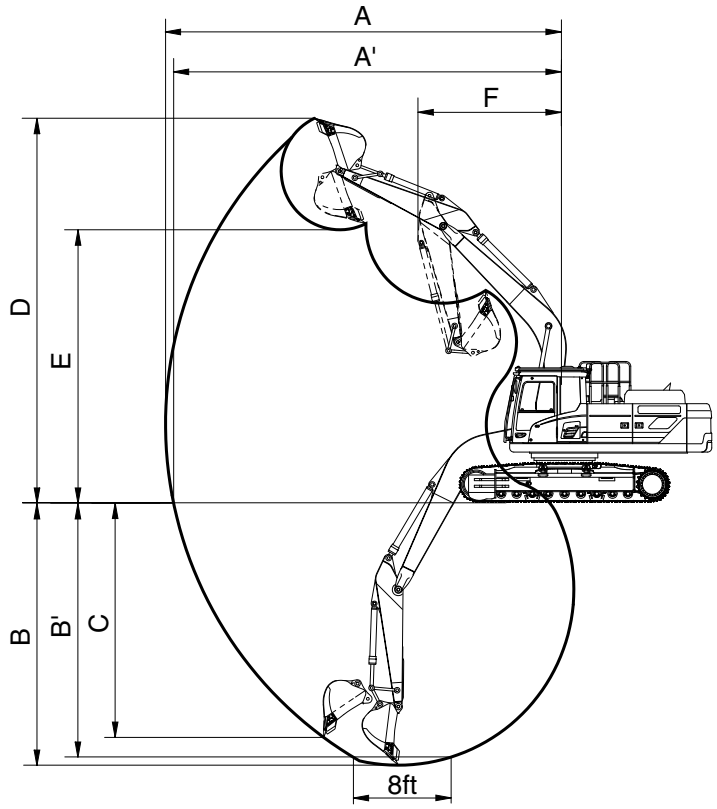
Description		Unit		Specification			
		m (ft-in)	Boom	6.45 (21' 2")			
			Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
		mm (in)	Shoe	700 (28")			
Operating weight		kg (lb)		37100 (81620)	36890 (81158)	37000 (81400)	37330 (82126)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.44 (1.88)	1.44 (1.88)	1.44 (1.88)	1.44 (1.88)
Overall length	A	mm (ft-in)		11150 (36' 7")	11530 (37' 10")	11340 (37' 2")	11230 (36' 10")
Overall width	B			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Overall height of boom	C			3540 (11' 4")	3780 (12' 5")	3650 (12' 0")	3840 (12' 7")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3480 (11' 5")	3480 (11' 5")	3480 (11' 5")	3480 (11' 5")
Ground clearance of counterweight	F			1535 (5' 0")	1535 (5' 0")	1535 (5' 0")	1535 (5' 0")
Overall height of engine hood	G			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of handrail	G'			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Minimum ground clearance	H			800 (2' 7")	800 (2' 7")	800 (2' 7")	800 (2' 7")
Rear-end distance	I			3505 (11' 6")	3505 (11' 6")	3505 (11' 6")	3505 (11' 6")
Rear-end swing radius	I'			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Distance between tumblers	J			4100 (13' 5")	4100 (13' 5")	4100 (13' 5")	4100 (13' 5")
Undercarriage length	K			5010 (16' 5")	5010 (16' 5")	5010 (16' 5")	5010 (16' 5")
Undercarriage width	L			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Track gauge	M			2870 (9' 5")	2870 (9' 5")	2870 (9' 5")	2870 (9' 5")
Track shoe width, standard	N			700 (28")	700 (28")	700 (28")	700 (28")
Travel speed (low/high)		km/hr (mph)		3.5/6.4			
Swing speed		rpm		10.2			
Gradeability		Degree (%)		35 (70)			
Ground pressure		kgf/cm^2 (psi)		0.61 (8.69)	0.61 (8.64)	0.61 (8.66)	0.62 (8.86)
Max traction force		kg (lb)		27404 (60415)			



Description		Unit		Specification			
		m (ft-in)	Boom	6.45 (21' 2")			
			Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
		mm (in)	Shoe	600 (24")			
Operating weight		kg (lb)		35540 (78350)	35330 (77890)	35440 (78130)	35770 (78860)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.44 (1.88)	1.44 (1.88)	1.44 (1.88)	1.44 (1.88)
Overall length	A	mm (ft-in)		11150 (36' 7")	11530 (37' 10")	11340 (37' 2")	11230 (36' 10")
Overall width	B			3470 (11' 5")	3470 (11' 5")	3470 (11' 5")	3470 (11' 5")
Overall height of boom	C			3450 (11' 4")	3780 (12' 5")	3650 (12' 0")	3840 (12' 7")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3480 (11' 5")	3480 (11' 5")	3480 (11' 5")	3480 (11' 5")
Ground clearance of counterweight	F			1535 (5' 0")	1535 (5' 0")	1535 (5' 0")	1535 (5' 0")
Overall height of engine hood	G			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of handrail	G'			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Minimum ground clearance	H			800 (2' 7")	800 (2' 7")	800 (2' 7")	800 (2' 7")
Rear-end distance	I			3505 (11' 6")	3505 (11' 6")	3505 (11' 6")	3505 (11' 6")
Rear-end swing radius	I'			3570 (11' 9")	3570 (11' 9")	3570 (11' 9")	3570 (11' 9")
Distance between tumblers	J			4030 (13' 3")	4030 (13' 3")	4030 (13' 3")	4030 (13' 3")
Undercarriage length	K			4940 (16' 2")	4940 (16' 2")	4940 (16' 2")	4940 (16' 2")
Undercarriage width	L			3470 (11' 5")	3470 (11' 5")	3470 (11' 5")	3470 (11' 5")
Track gauge	M			2870 (9' 5")	2870 (9' 5")	2870 (9' 5")	2870 (9' 5")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.5/6.4			
Swing speed		rpm		10.2			
Gradeability		Degree (%)		35 (70)			
Ground pressure		kgf/cm^2 (psi)		0.68 (9.73)	0.68 (9.67)	0.68 (9.70)	0.69 (9.80)
Max traction force		kg (lb)		27404 (60415)			

3. WORKING RANGE AND DIGGING FORCE

1) HX350LT3, 6.45m (21' 2") BOOM

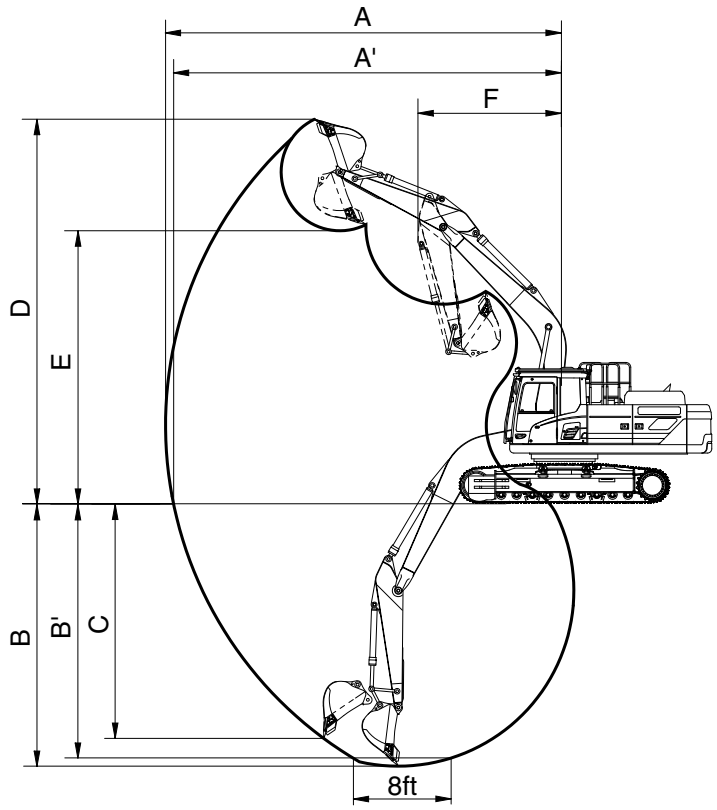


350SA2SP10

Description	m (ft-in)	Boom	6.45 (21' 2")		
		Arm	3.20 (10' 6")	2.5 (8' 2")	4.05 (13' 3")
Max digging reach	mm (ft-in)	A	11150 (36' 7")	10500 (34' 5")	11950 (39' 2")
Max digging reach on ground		A'	10950 (35'11")	10290 (33' 9")	11770 (38' 7")
Max digging depth		B	7360 (24' 2")	6660 (21'10")	8210 (26'11")
Max digging depth (8 ft level)		B'	7200 (23' 7")	6450 (21' 2")	8080 (26' 6")
Max vertical wall digging depth		C	6330 (20' 9")	5660 (18' 7")	7240 (23' 9")
Max digging height		D	10360 (34' 0")	10050 (33' 0")	10780 (35' 4")
Max dumping height		E	7260 (23' 10")	6950 (22' 10")	7670 (25' 2")
Min swing radius		F	4360 (14' 4")	4440 (14' 7")	4290 (14' 1")
Bucket digging force	kN	SAE	188.3 [204.5]	187.3 [203.4]	189.3 [205.5]
	kgf		19200 [20850]	19100 [20740]	19300 [20950]
	lbf		42330 [45970]	42110 [45720]	42550 [46190]
	kN	ISO	216.7 [235.3]	215.7 [234.3]	217.7 [236.3]
	kgf		22100 [23990]	22000 [23890]	22200 [24100]
	lbf		48720 [52890]	48500 [52670]	48940 [53130]
Arm digging force	kN	SAE	140.2 [152.3]	175.5 [190.5]	118.7 [128.9]
	kgf		14300 [15530]	17900 [19430]	12100 [13140]
	lbf		31530 [34240]	39460 [42840]	26680 [28970]
	kN	ISO	145.1 [157.6]	184.4 [200.2]	123.6 [134.2]
	kgf		14800 [16070]	18800 [20410]	12600 [13680]
	lbf		32630 [35430]	41450 [45000]	27780 [30160]

[ ] : Power boost

2) HX350LT3, 6.15m (20' 2") HD SHORT BOOM

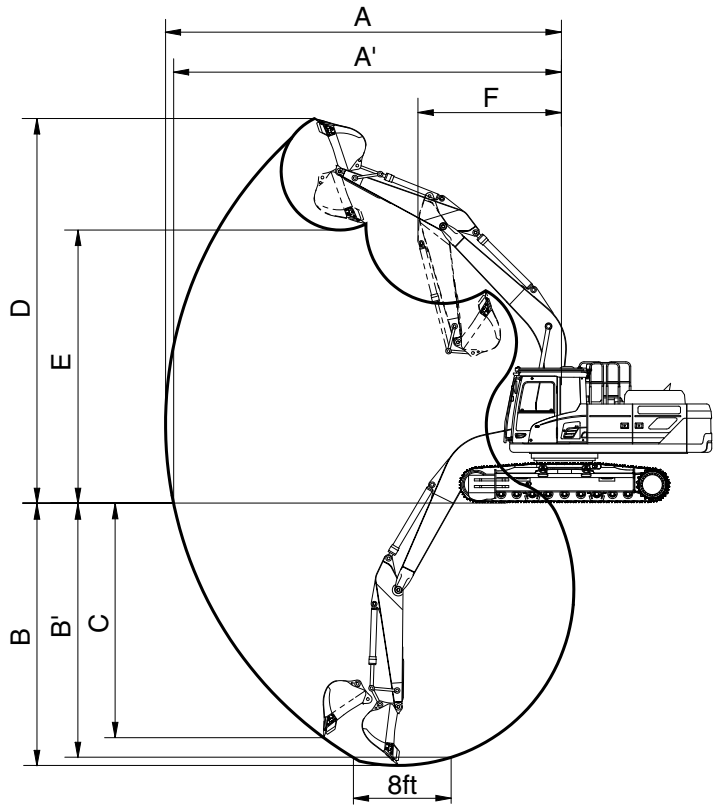


350SA2SP10

Description	m (ft-in)	Boom	6.15 (20' 2")	
		Arm	2.20 (7' 3")	2.50 (8' 2")
Max digging reach	mm (ft-in)	A	10020 (32' 10")	10190 (33' 5")
Max digging reach on ground		A'	9810 (32' 2")	9980 (32' 9")
Max digging depth		B	6150 (20' 2")	6450 (21' 2")
Max digging depth (8 ft level)		B'	5950 (19' 6")	6230 (20' 5")
Max vertical wall digging depth		C	5700 (18' 8")	5420 (17' 9")
Max digging height		D	9980 (32' 9")	9760 (32' 0")
Max dumping height		E	6790 (22' 3")	6670 (21' 11")
Min swing radius		F	4450 (14' 7")	4290 (14' 1")
Bucket digging force	kN	SAE	200.1 [217.2]	187.3 [203.4]
	kgf		20400 [22150]	19100 [20740]
	lbf		44970 [48830]	42110 [45720]
	kN	ISO	230.5 [250.2]	215.7 [234.3]
	kgf		23500 [25510]	22000 [23890]
	lbf		51810 [56240]	48500 [52670]
Arm digging force	kN	SAE	220.7 [239.6]	198.1 [215.1]
	kgf		22500 [24430]	20200 [21930]
	lbf		49600 [53860]	44530 [48350]
	kN	ISO	231.4 [251.3]	207.9 [225.8]
	kgf		23600 [25620]	21200 [23020]
	lbf		52030 [56480]	46740 [50750]

[ ] : Power boost

3) HX350LT3, 6.45m (21' 2") HD BOOM

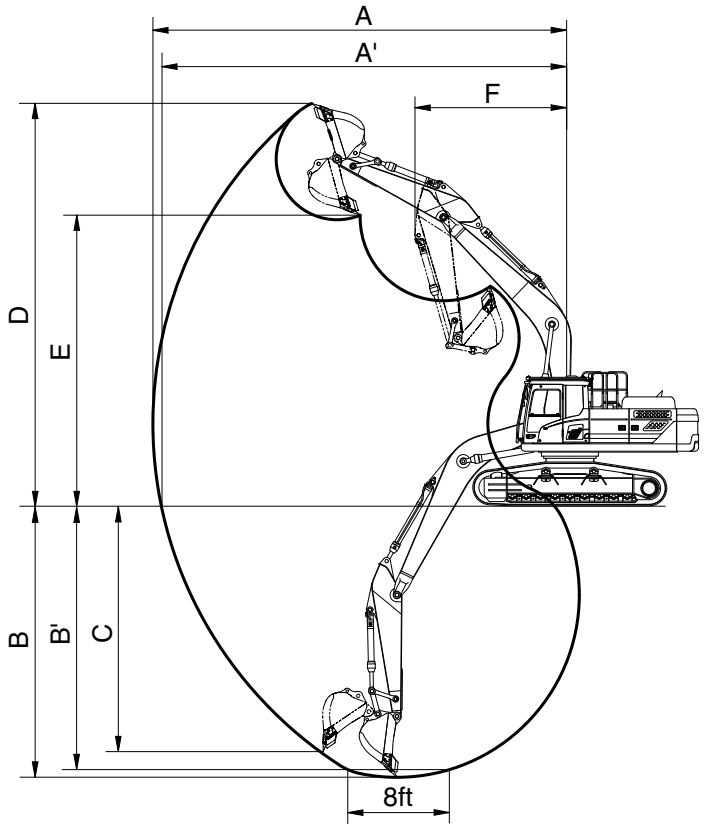


350SA2SP10

Description	m (ft-in)	Boom	6.45 (21' 2")	
		Arm	2.20 (7' 3")	2.50 (8' 2")
Max digging reach	mm (ft-in)	A	10300 (33' 11")	10500 (34' 5")
Max digging reach on ground		A'	10120 (33' 2")	10290 (33' 9")
Max digging depth		B	6360 (20' 10")	6660 (21' 10")
Max digging depth (8 ft level)		B'	6170 (20' 3")	6450 (21' 2")
Max vertical wall digging depth		C	5970 (19' 7")	5660 (18' 7")
Max digging height		D	10260 (33' 8")	10050 (33' 0")
Max dumping height		E	7060 (23' 2")	6950 (22' 10")
Min swing radius		F	4630 (15' 2")	4440 (14' 7")
Bucket digging force	kN	SAE	200.1 [217.2]	187.3 [203.4]
	kgf		20400 [22150]	19100 [20740]
	lbf		44970 [48830]	42110 [45720]
	kN	ISO	230.5 [250.2]	215.7 [234.3]
	kgf		23500 [25510]	22000 [23890]
	lbf		51810 [56240]	48500 [52670]
Arm digging force	kN	SAE	220.7 [239.6]	198.1 [215.1]
	kgf		22500 [24430]	20200 [21930]
	lbf		49600 [53860]	44530 [48350]
	kN	ISO	231.4 [251.3]	207.9 [225.8]
	kgf		23600 [25620]	21200 [23020]
	lbf		52030 [56480]	46740 [50750]

[ ] : Power boost

4) HX350LT3 HW, 6.45m (21' 2") BOOM

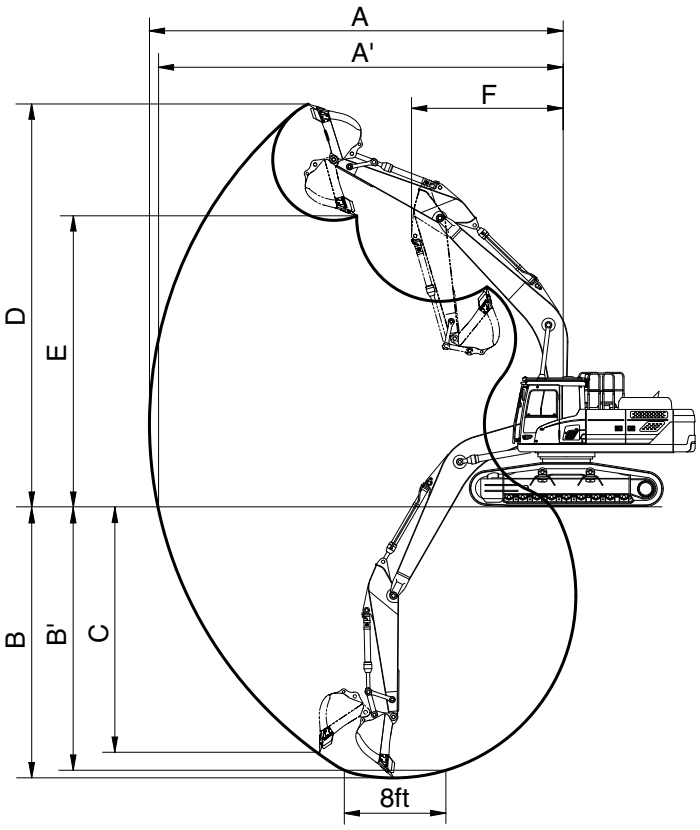


350SA2SP13

Description	m (ft-in)	Boom	6.45 (21' 2")		
		Arm	3.20 (10' 6")	2.50 (8' 2")	4.05 (13' 3")
Max digging reach	mm (ft-in)	A	11150 (36' 7")	10500 (34' 5")	11950 (39' 2")
Max digging reach on ground		A'	10890 (35' 9")	10220 (33' 6")	11710 (38' 5")
Max digging depth		B	7060 (23' 2")	6360 (20' 10")	7910 (25' 11")
Max digging depth (8 ft level)		B'	6890 (22' 7")	6140 (20' 2")	7780 (25' 6")
Max vertical wall digging depth		C	6030 (19' 9")	5350 (17' 7")	6940 (22' 9")
Max digging height		D	10670 (35' 0")	10350 (33' 11")	11090 (36' 5")
Max dumping height		E	7570 (24' 10")	7260 (23' 10")	7970 (26' 2")
Min swing radius		F	4360 (14' 4")	4440 (14' 7")	4290 (14' 1")
Bucket digging force	kN	SAE	188.3 [204.5]	187.3 [203.4]	189.3 [205.5]
	kgf		19200 [20850]	19100 [20740]	19300 [20950]
	lbf		42330 [45970]	42110 [45720]	42550 [46190]
	kN	ISO	216.7 [235.3]	215.7 [234.3]	217.7 [236.3]
	kgf		22100 [23990]	22000 [23890]	22200 [24100]
	lbf		48720 [52890]	48500 [52670]	48940 [53130]
Arm digging force	kN	SAE	140.2 [152.3]	175.5 [190.5]	118.7 [128.9]
	kgf		14300 [15530]	17900 [19430]	12100 [13140]
	lbf		31530 [34240]	39460 [42840]	26680 [28970]
	kN	ISO	145.1 [157.6]	184.4 [200.2]	123.6 [134.2]
	kgf		14800 [16070]	18800 [20410]	12600 [13680]
	lbf		32630 [35430]	41450 [45000]	27780 [30160]

[ ] : Power boost

5) HX350LT3 HW, 6.15m (20' 2") HD SHORT BOOM

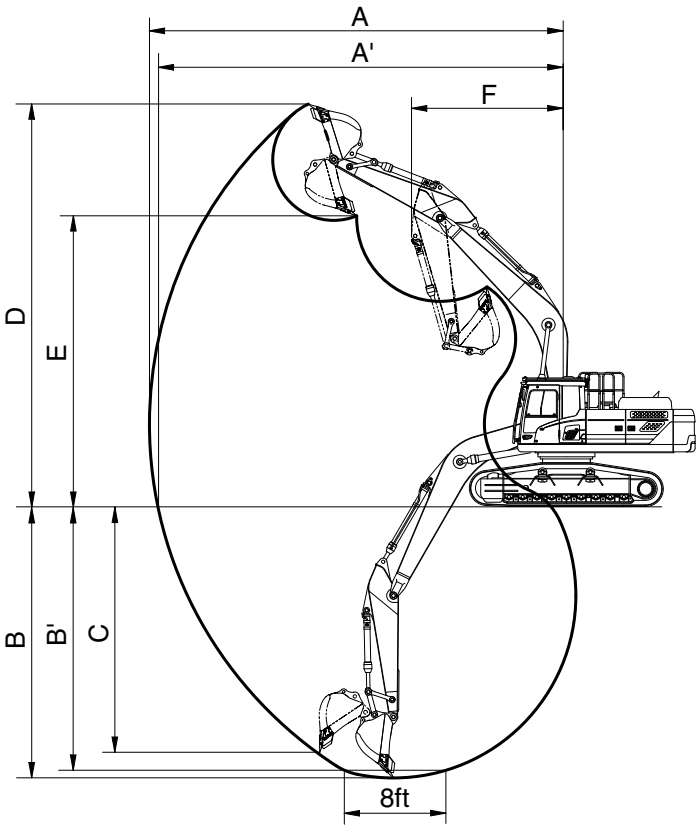


350SA2SP13

Description	m (ft-in)	Boom	6.15 (20' 2")	
		Arm	2.20 (7' 3")	2.50 (8' 2")
Max digging reach	mm (ft-in)	A	10020 (32' 10")	10190 (33' 5")
Max digging reach on ground		A'	9740 (31' 11")	9910 (32' 6")
Max digging depth		B	5850 (19' 2")	6150 (20' 2")
Max digging depth (8 ft level)		B'	5650 (18' 6")	5920 (19' 5")
Max vertical wall digging depth		C	5400 (17' 9")	5110 (16' 9")
Max digging height		D	10280 (33' 9")	10070 (33' 0")
Max dumping height		E	7100 (23' 4")	6980 (22' 11")
Min swing radius		F	4450 (14' 7")	4290 (14' 1")
Bucket digging force	kN	SAE	200.1 [217.2]	187.3 [203.4]
	kgf		20400 [22150]	19100 [20740]
	lbf		44970 [48830]	42110 [45720]
	kN	ISO	230.5 [250.2]	215.7 [234.3]
	kgf		23500 [25510]	22000 [23890]
	lbf		51810 [56240]	48500 [52670]
Arm digging force	kN	SAE	220.7 [239.6]	198.1 [215.1]
	kgf		22500 [24430]	20200 [21930]
	lbf		49600 [53860]	44530 [48350]
	kN	ISO	231.4 [251.3]	207.9 [225.8]
	kgf		23600 [25620]	21200 [23020]
	lbf		52030 [56480]	46740 [50750]

[ ] : Power boost

6) HX350LT3 HW, 6.45m (21' 2") HD BOOM



350SA2SP13

Description	m (ft-in)	Boom	6.45 (21' 2")	
		Arm	2.20 (7' 3")	2.50 (8' 2")
Max digging reach	mm (ft-in)	A	10330 (33' 11")	10500 (34' 5")
Max digging reach on ground		A'	10050 (33' 0")	10220 (33' 6")
Max digging depth		B	6060 (19' 11")	6360 (20' 10")
Max digging depth (8 ft level)		B'	5860 (19' 3")	6140 (20' 2")
Max vertical wall digging depth		C	5660 (18' 7")	5350 (17' 7")
Max digging height		D	10560 (34' 8")	10350 (33' 11")
Max dumping height		E	7370 (24' 2")	7260 (23' 10")
Min swing radius		F	4630 (15' 2")	4440 (14' 7")
Bucket digging force	kN	SAE	200.1 [217.2]	187.3 [203.4]
	kgf		20400 [22150]	19100 [20740]
	lbf		44970 [48830]	42110 [45720]
	kN	ISO	230.5 [250.2]	215.7 [234.3]
	kgf		23500 [25510]	22000 [23890]
	lbf		51810 [56240]	48500 [52670]
Arm digging force	kN	SAE	220.7 [239.6]	198.1 [215.1]
	kgf		22500 [24430]	20200 [21930]
	lbf		49600 [53860]	44530 [48350]
	kN	ISO	231.4 [251.3]	207.9 [225.8]
	kgf		23600 [25620]	21200 [23020]
	lbf		52030 [56480]	46740 [50750]

[ ] : Power boost

4. WEIGHT

Item	HX350LT3		HX350LT3 HW	
	kg	lb	kg	lb
Upperstructure assembly				
· Main frame weld assembly	2,839	6,259	2,839	6,259
· Engine assembly	590	1,301	590	1,301
· Aftertreatment assy	40	88	40	88
· Main pump assembly	181	399	181	399
· Main control valve assembly	220	485	220	485
· Swing motor assembly	345	761	345	761
· Hydraulic oil tank WA	205	451	205	451
· Fuel tank WA	235	518	235	518
· Counterweight	6,000	13,230	7,000	15,432
· Cab assembly	570	1,257	570	1,257
Lower chassis assembly				
· Track frame weld assembly	3,875	8,543	3,875	8,543
· Swing bearing	468	1,030	468	1,030
· Travel motor assembly (2EA)	886	1,954	886	1,954
· Turning joint	54	117	54	117
· Sprocket (2EA)	141	310	166 / ★141	370 / ★310
· Track recoil spring (2EA)	450	990	450	990
· Idler (2EA)	499	1,100	499	1,100
· Upper roller (4EA)	139	310	227 / ★216	500 / ★476
· Lower roller (18EA)	973	2140	1020 / ★973	2249 / ★2140
· Track-chain assembly (600 mm triple grouser shoe) (2EA)	3,759	8,290	3,759	8,290
· Track-chain assembly (700 mm triple grouser shoe) (2EA)	4,327	9,540	-	-
· Track-chain assembly (700 mm double grouser shoe) (2EA)	-	-	5,237	11,550
· Track-chain assembly (800 mm triple grouser shoe) (2EA)	4,706	10,380	-	-
Front attachment assembly				
· 6.45 m boom assembly	2,400	5,291	2,400	5,291
· 6.15 m boom assembly	3,150	6,944	3,150	6,944
· 3.20 m arm assembly	1,070	2,359	1,070	2,359
· 1.44 m³ SAE heaped bucket	1,130	2,491	1,130	2,491
· Boom cylinder assembly (2EA)	540	1,190	540	1,190
· Arm cylinder assembly	360	793	360	793
· Bucket cylinder assembly	220	485	140	308
· Bucket control linkage total	280	617	130	287

★ : 600 mm triple grouser shoe

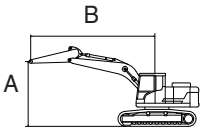
※ This information is different with operating and transportation weight because it is not including harness, pipe, oil, fuel so on.

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

5. LIFTING CAPACITIES

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	3200	6600	600	-	-	-	-	-

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



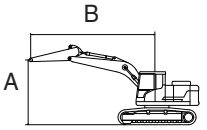
Lift-point height (A)		Lift-point radius (B)										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg							*6830	*6830			*5610	*5610	7.74
	lb							*15060	*15060			*12370	*12370	(25.4)
6.0 m (19.7 ft)	kg							*7860	7170			*5430	*5430	8.62
	lb							*17330	15810			*11970	*11970	(28.3)
4.5 m (14.8 ft)	kg			*11980	*11980	*9650	*9650	*8500	6960	*6660	5170	*5450	5010	9.17
	lb			*26410	*26410	*21270	*21270	*18740	15340	*14680	11400	*12020	11050	(30.1)
3.0 m (9.8 ft)	kg			*15520	14140	*11340	9280	*9380	6680	7540	5050	*5650	4670	9.44
	lb			*34220	31170	*25000	20460	*20680	14730	16620	11130	*12460	10300	(31.0)
1.5 m (4.9 ft)	kg			*17440	13250	*12840	8810	9730	6420	7400	4930	*6050	4560	9.47
	lb			*38450	29210	*28310	19420	21450	14150	16310	10870	*13340	10050	(31.1)
0.0 m (0.0 ft)	kg			*17250	12890	13360	8510	9530	6240	7300	4840	*6720	4650	9.25
	lb			*38030	28420	29450	18760	21010	13760	16090	10670	*14820	10250	(30.4)
-1.5 m (-4.9 ft)	kg	*10800	*10800	*18880	12830	13220	8390	9440	6160			7560	4990	8.77
	lb	*23810	*23810	*41620	28290	29150	18500	20810	13580			16670	11000	(28.8)
-3.0 m (-9.8 ft)	kg	*17460	*17460	*17670	12960	13270	8430	9490	6210			8710	5740	7.98
	lb	*38490	*38490	*38960	28570	29260	18580	20920	13690			19200	12650	(26.2)
-4.5 m (-14.8 ft)	kg	*20570	*20570	*15170	13270	*11400	8650					*9590	7380	6.76
	lb	*45350	*45350	*33440	29260	*25130	19070					*21140	16270	(22.2)

Note 1. Lifting capacity are based on 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 necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	2500	6600	600	-	-	-	-	-

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



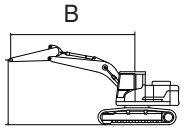
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg									*8810	8080	6.93
	lb									*19420	17810	(22.7)
6.0 m (19.7 ft)	kg					*9310	*9310	*8720	7040	*8720	6440	7.90
	lb					*20530	*20530	*19220	15520	*19220	14200	(25.9)
4.5 m (14.8 ft)	kg			*13720	*13720	*10620	9620	*9210	6860	8350	5620	8.49
	lb			*30250	*30250	*23410	21210	*20300	15120	18410	12390	(27.9)
3.0 m (9.8 ft)	kg					*12180	9110	9940	6620	7780	5210	8.79
	lb					*26850	20080	21910	14590	17150	11490	(28.8)
1.5 m (4.9 ft)	kg					*13440	8710	9690	6400	7640	5090	8.82
	lb					*29630	19200	21360	14110	16840	11220	(28.9)
0.0 m (0.0 ft)	kg			*15200	12900	13340	8500	9540	6260	7870	5220	8.58
	lb			*33510	28440	29410	18740	21030	13800	17350	11510	(28.2)
-1.5 m (-4.9 ft)	kg			*18330	12960	13290	8460	9520	6240	8610	5690	8.06
	lb			*40410	28570	29300	18650	20990	13760	18980	12540	(26.4)
-3.0 m (-9.8 ft)	kg	*21480	*21480	*16620	13160	*12740	8570			*10120	6740	7.19
	lb	*47360	*47360	*36640	29010	*28090	18890			*22310	14860	(23.6)
-4.5 m (-14.8 ft)	kg			*13270	*13270					*10000	9380	5.80
	lb			*29260	*29260					*22050	20680	(19.0)

Note 1. Lifting capacity are based on 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 necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	4050	6600	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)
9.0 m (29.5 ft)	kg									*4710	*4710			*4520	*4520	7.55
	lb									*10380	*10380			*9960	*9960	(24.8)
7.5 m (24.6 ft)	kg													*4190	*4190	8.72
	lb													*9240	*9240	(28.6)
6.0 m (19.7 ft)	kg									*6800	*6800	*5820	5330	*4060	*4060	9.50
	lb									*14990	*14990	*12830	11750	*8950	*8950	(31.2)
4.5 m (14.8 ft)	kg									*7540	7050	*7120	5220	*4070	*4070	10.00
	lb									*16620	15540	*15700	11510	*8970	*8970	(32.8)
3.0 m (9.8 ft)	kg					*13310	*13310	*10100	9460	*8520	6740	7550	5050	*4200	4060	10.25
	lb					*29340	*29340	*22270	20860	*18780	14860	16640	11130	*9260	8950	(33.6)
1.5 m (4.9 ft)	kg					*16530	13520	*11840	8890	*9510	6420	7370	4880	*4450	3960	10.28
	lb					*36440	29810	*26100	19600	*20970	14150	16250	10760	*9810	8730	(33.7)
0.0 m (0.0 ft)	kg			*6350	*6350	*18370	12870	*13120	8480	9470	6180	7220	4740	*4880	4010	10.08
	lb			*14000	*14000	*40500	28370	*28920	18700	20880	13620	15920	10450	*10760	8840	(33.1)
-1.5 m (-4.9 ft)	kg	*6460	*6460	*9880	*9880	*18900	12620	13100	8250	9310	6030	7130	4670	*5560	4250	9.64
	lb	*14240	*14240	*21780	*21780	*41670	27820	28880	18190	20530	13290	15720	10300	*12260	9370	(31.6)
-3.0 m (-9.8 ft)	kg	*10370	*10370	*14450	*14450	*18360	12630	13040	8210	9270	5990			*6720	4750	8.92
	lb	*22860	*22860	*31860	*31860	*40480	27840	28750	18100	20440	13210			*14820	10470	(29.3)
-4.5 m (-14.8 ft)	kg	*15020	*15020	*20810	*20810	*16690	12840	*12520	8320	9410	6120			*8750	5770	7.86
	lb	*33110	*33110	*45880	*45880	*36800	28310	*27600	18340	20750	13490			*19290	12720	(25.8)
-6.0 m (-19.7 ft)	kg			*18370	*18370	*13250	*13250	*9520	8690					*8860	8220	6.26
	lb			*40500	*40500	*29210	*29210	*20990	19160					*19530	18120	(20.5)

Note 1. Lifting capacity are based on 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.

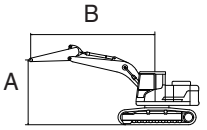
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

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 necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3	HD MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6150	2200	6600	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)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb					*9650 *21270	*9650 *21270			*9790 *21580	9330 20570	6.31 (20.7)	*5610 *12370	7.74 (25.4)
6.0 m (19.7 ft)	kg lb					*9850 *21720	*9850 *21720			*9550 *21050	7170 15810	7.36 (24.2)	*5430 *11970	8.62 (28.3)
4.5 m (14.8 ft)	kg lb					*10990 *24230	9660 21300	*9700 *21380	6860 15120	9180 20240	6170 13600	8.00 (26.2)	5010 11050	9.17 (30.1)
3.0 m (9.8 ft)	kg lb					*12450 *27450	9170 20220	9980 22000	6650 14660	8500 18740	5690 12540	8.31 (27.3)	4670 10300	9.44 (31.0)
1.5 m (4.9 ft)	kg lb					*13630 *30050	8790 19380	9770 21540	6450 14220	8340 18390	5550 12240	8.34 (27.4)	4560 10050	9.47 (31.1)
0.0 m (0.0 ft)	kg lb					13460 29670	8590 18940	9640 21250	6340 13980	8650 19070	5730 12630	8.10 (26.6)	4650 10250	9.25 (30.4)
-1.5 m (-4.9 ft)	kg lb			*18190 *40100	13100 28880	13440 29630	8560 18870	9680 21340	6370 14040	9610 21190	6330 13960	7.54 (24.7)	4990 11000	8.77 (28.8)
-3.0 m (-9.8 ft)	kg lb	*20790 *45830	*20790 *45830	*16070 *35430	13340 29410	*12130 *26740	8740 19270			*10470 *23080	7740 17060	6.59 (21.6)	5740 12650	7.98 (26.2)
-4.5 m (-14.8 ft)	kg lb	*20570 *45350	*20570 *45350	*15170 *33440	13270 29260	*11400 *25130	8650 19070					*9590 *21140	7380 16270	6.76 (22.2)

Note 1. Lifting capacity are based on 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).

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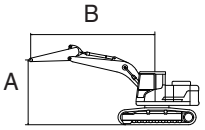
Make adjustments to the rated load as necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3	HD MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6150	2500	6600	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)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb					*9030 *19910	*9030 *19910			*9160 *20190	8910 19640	6.53 (21.4)	*5610 *12370	7.74 (25.4)
6.0 m (19.7 ft)	kg lb					*9380 *20680	*9380 *20680	*9030 *19910	7020 15480	*9040 *19930	6940 15300	7.55 (24.8)	*5430 *11970	8.62 (28.3)
4.5 m (14.8 ft)	kg lb			*13270 *29260	*13270 *29260	*10570 *23300	9730 21450	*9350 *20610	6890 15190	8900 19620	5980 13180	8.17 (26.8)	5010 11050	9.17 (30.1)
3.0 m (9.8 ft)	kg lb					*12080 *26630	9220 20330	10000 22050	6660 14680	8250 18190	5520 12170	8.48 (27.8)	4670 10300	9.44 (31.0)
1.5 m (4.9 ft)	kg lb					*13370 *29480	8790 19380	9760 21520	6440 14200	8080 17810	5370 11840	8.51 (27.9)	4560 10050	9.47 (31.1)
0.0 m (0.0 ft)	kg lb			*19180 *42280	12960 28570	13430 29610	8550 18850	9600 21160	6300 13890	8350 18410	5520 12170	8.27 (27.1)	4650 10250	9.25 (30.4)
-1.5 m (-4.9 ft)	kg lb	*15260 *33640	*15260 *33640	*18460 *40700	12980 28620	13370 29480	8500 18740	9590 21140	6280 13850	9210 20300	6060 13360	7.72 (25.3)	4990 11000	8.77 (28.8)
-3.0 m (-9.8 ft)	kg lb	*22150 *48830	*22150 *48830	*16610 *36620	13200 29100	*12560 *27690	8630 19030			*10590 *23350	7310 16120	6.81 (22.3)	5740 12650	7.98 (26.2)
-4.5 m (-14.8 ft)	kg lb			*12680 *27950	*12680 *27950					*10380 *22880	*10380 *22880	5.31 (17.4)	7380 16270	6.76 (22.2)

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3	HD MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	2200	6600	600	-	-	-	-	-

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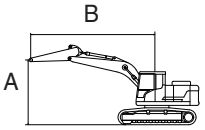

Lift-point height (A)		Lift-point radius (B)										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg					*9180	*9180			*9310	8400	6.71	*5610	7.74
	lb					*20240	*20240			*20530	18520	(22.0)	*12370	(25.4)
6.0 m (19.7 ft)	kg					*9670	*9670	*9060	6940	*9100	6610	7.71	*5430	8.62
	lb					*21320	*21320	*19970	15300	*20060	14570	(25.3)	*11970	(28.3)
4.5 m (14.8 ft)	kg					*10920	9510	*9430	6780	8560	5730	8.32	5010	9.17
	lb					*24070	20970	*20790	14950	18870	12630	(27.3)	11050	(30.1)
3.0 m (9.8 ft)	kg					*12400	8990	9870	6540	7970	5310	8.62	4670	9.44
	lb					*27340	19820	21760	14420	17570	11710	(28.3)	10300	(31.0)
1.5 m (4.9 ft)	kg					13480	8600	9640	6330	7820	5180	8.65	4560	9.47
	lb					29720	18960	21250	13960	17240	11420	(28.4)	10050	(31.1)
0.0 m (0.0 ft)	kg					13260	8410	9500	6200	8080	5330	8.41	4650	9.25
	lb					29230	18540	20940	13670	17810	11750	(27.6)	10250	(30.4)
-1.5 m (-4.9 ft)	kg			*17770	12890	13250	8390	9510	6210	8900	5850	7.88	4990	8.77
	lb			*39180	28420	29210	18500	20970	13690	19620	12900	(25.8)	11000	(28.8)
-3.0 m (-9.8 ft)	kg	*19930	*19930	*15860	13120	*12230	8550			*9900	7020	6.98	5740	7.98
	lb	*43940	*43940	*34970	28920	*26960	18850			*21830	15480	(22.9)	12650	(26.2)
-4.5 m (-14.8 ft)	kg			*12060	*12060					*9290	*9290	5.54	7380	6.76
	lb			*26590	*26590					*20480	*20480	(18.2)	16270	(22.2)

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3	HD MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	2500	6600	600	-	-	-	-	-

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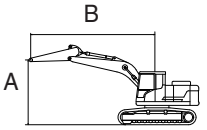

Lift-point height (A)		Lift-point radius (B)										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg									*8740	8060	6.93	*5610	7.74
	lb									*19270	17770	(22.7)	*12370	(25.4)
6.0 m (19.7 ft)	kg					*9240	*9240	*8640	7000	*8630	6400	7.90	*5430	8.62
	lb					*20370	*20370	*19050	15430	*19030	14110	(25.9)	*11970	(28.3)
4.5 m (14.8 ft)	kg			*13590	*13590	*10510	9580	*9120	6810	8310	5570	8.49	5010	9.17
	lb			*29960	*29960	*23170	21120	*20110	15010	18320	12280	(27.9)	11050	(30.1)
3.0 m (9.8 ft)	kg					*12040	9030	*9850	6550	7730	5150	8.79	4670	9.44
	lb					*26540	19910	*21720	14440	17040	11350	(28.8)	10300	(31.0)
1.5 m (4.9 ft)	kg					*13280	8600	9630	6310	7580	5010	8.82	4560	9.47
	lb					*29280	18960	21230	13910	16710	11050	(28.9)	10050	(31.1)
0.0 m (0.0 ft)	kg			*17240	12700	13230	8370	9460	6160	7810	5140	8.58	4650	9.25
	lb			*38010	28000	29170	18450	20860	13580	17220	11330	(28.2)	10250	(30.4)
-1.5 m (-4.9 ft)	kg			*18080	12750	13170	8320	9440	6140	8540	5600	8.06	4990	8.77
	lb			*39860	28110	29030	18340	20810	13540	18830	12350	(26.4)	11000	(28.8)
-3.0 m (-9.8 ft)	kg	*21320	*21320	*16370	12970	*12560	8440			*9980	6650	7.19	5740	7.98
	lb	*47000	*47000	*36090	28590	*27690	18610			*22000	14660	(23.6)	12650	(26.2)
-4.5 m (-14.8 ft)	kg			*13050	*13050					*9830	9270	5.80	7380	6.76
	lb			*28770	*28770					*21670	20440	(19.0)	16270	(22.2)

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	2500	6000	700	-	-	-	-	-

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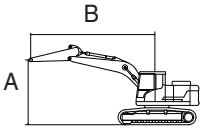

Lift-point height (A)		Lift-point radius (B)										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg									*8780	8530	7.15	*5610	7.74
	lb									*19360	18810	(23.5)	*12370	(25.4)
6.0 m (19.7 ft)	kg					*9520	*9520	*8780	7820	*8730	6970	8.04	*5430	8.62
	lb					*20990	*20990	*19360	17240	*19250	15370	(26.4)	*11970	(28.3)
4.5 m (14.8 ft)	kg			*14410	*14410	*10910	10660	*9350	7620	8630	6190	8.57	5010	9.17
	lb			*31770	*31770	*24050	23500	*20610	16800	19030	13650	(28.1)	11050	(30.1)
3.0 m (9.8 ft)	kg					*12460	10150	*10110	7370	8140	5810	8.81	4670	9.44
	lb					*27470	22380	*22290	16250	17950	12810	(28.9)	10300	(31.0)
1.5 m (4.9 ft)	kg					*13610	9770	10160	7160	8060	5730	8.79	4560	9.47
	lb					*30000	21540	22400	15790	17770	12630	(28.9)	10050	(31.1)
0.0 m (0.0 ft)	kg			*16680	14720	14010	9590	10030	7040	8400	5950	8.51	4650	9.25
	lb			*36770	32450	30890	21140	22110	15520	18520	13120	(27.9)	10250	(30.4)
-1.5 m (-4.9 ft)	kg	*12630	*12630	*18080	14800	*13740	9580	10040	7050	9310	6570	7.92	4990	8.77
	lb	*27840	*27840	*39860	32630	*30290	21120	22130	15540	20530	14480	(26.0)	11000	(28.8)
-3.0 m (-9.8 ft)	kg	*21020	*21020	*16140	15050	*12360	9740			*10150	7960	6.97	5740	7.98
	lb	*46340	*46340	*35580	33180	*27250	21470			*22380	17550	(22.9)	12650	(26.2)
-4.5 m (-14.8 ft)	kg			*12270	*12270					*9850	*9850	5.44	7380	6.76
	lb			*27050	*27050					*21720	*21720	(17.9)	16270	(22.2)

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	3200	6000	700	-	-	-	-	-

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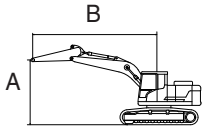

Lift-point height (A)		Lift-point radius (B)										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
9.0 m (29.5 ft)	kg lb											*6000 *13230	*6000 *13230	6.70 (22.0)
7.5 m (24.6 ft)	kg lb							*7510 *16560	*7510 *16560			*5560 *12260	*5560 *12260	7.94 (26.1)
6.0 m (19.7 ft)	kg lb							*7950 *17530	7950 17530			*5420 *11950	*5420 *11950	8.75 (28.7)
4.5 m (14.8 ft)	kg lb			*12650 *27890	*12650 *27890	*9970 *21980	*9970 *21980	*8660 *19090	7710 17000	*7170 *15810	5780 12740	*5480 *12080	*5480 *12080	9.24 (30.3)
3.0 m (9.8 ft)	kg lb			*16150 *35600	15780 34790	*11650 *25680	10310 22730	*9550 *21050	7430 16380	7910 17440	5650 12460	*5710 *12590	5220 11510	9.47 (31.1)
1.5 m (4.9 ft)	kg lb			*16720 *36860	14980 33030	*13070 *28810	9850 21720	10190 22470	7180 15830	7770 17130	5530 12190	*6150 *13560	5150 11350	9.45 (31.0)
0.0 m (0.0 ft)	kg lb			*17920 *39510	14680 32360	*13860 *30560	9590 21140	10010 22070	7010 15450	7690 16950	5450 12020	*6890 *15190	5300 11680	9.18 (30.1)
-1.5 m (-4.9 ft)	kg lb	*11970 *26390	*11970 *26390	*18720 *41270	14660 32320	13920 30690	9500 20940	9940 21910	6950 15320			8140 17950	5750 12680	8.65 (28.4)
-3.0 m (-9.8 ft)	kg lb	*18970 *41820	*18970 *41820	*17310 *38160	14820 32670	*13100 *28880	9570 21100	*10030 *22110	7040 15520			*9440 *20810	6710 14790	7.78 (25.5)
-4.5 m (-14.8 ft)	kg lb	*19520 *43030	*19520 *43030	*14460 *31880	*14460 *31880	*10740 *23680	9850 21720					*9580 *21120	8920 19670	6.46 (21.2)

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	4050	6000	700	-	-	-	-	-

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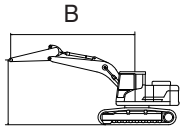

Lift-point height (A)		Lift-point radius (B)												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
9.0 m (29.5 ft)	kg									*5410	*5410			*4440	*4440	7.81
	lb									*11930	*11930			*9790	*9790	(25.6)
7.5 m (24.6 ft)	kg													*4150	*4150	8.89
	lb													*9150	*9150	(29.2)
6.0 m (19.7 ft)	kg									*6920	*6920	*6120	5940	*4060	*4060	9.62
	lb									*15260	*15260	*13490	13100	*8950	*8950	(31.6)
4.5 m (14.8 ft)	kg							*8650	*8650	*7720	*7720	*7200	5820	*4090	*4090	10.07
	lb							*19070	*19070	*17020	*17020	*15870	12830	*9020	*9020	(33.0)
3.0 m (9.8 ft)	kg					*14000	*14000	*10450	*10450	*8710	7480	*7740	5650	*4240	*4240	10.27
	lb					*30860	*30860	*23040	*23040	*19200	16490	*17060	12460	*9350	*9350	(33.7)
1.5 m (4.9 ft)	kg					*17000	15200	*12130	9920	*9690	7170	7730	5480	*4520	4480	10.26
	lb					*37480	33510	*26740	21870	*21360	15810	17040	12080	*9960	9880	(33.7)
0.0 m (0.0 ft)	kg			*6950	*6950	*18570	14620	*13290	9540	9940	6940	7590	5340	*4980	4580	10.01
	lb			*15320	*15320	*40940	32230	*29300	21030	21910	15300	16730	11770	*10980	10100	(32.9)
-1.5 m (-4.9 ft)	kg	*7190	*7190	*10660	*10660	*18870	14430	13770	9350	9800	6810	7530	5280	*5730	4890	9.52
	lb	*15850	*15850	*23500	*23500	*41600	31810	30360	20610	21610	15010	16600	11640	*12630	10780	(31.2)
-3.0 m (-9.8 ft)	kg	*11190	*11190	*15500	*15500	*18140	14480	*13490	9330	9790	6800			*7040	5540	8.75
	lb	*24670	*24670	*34170	*34170	*39990	31920	*29740	20570	21580	14990			*15520	12210	(28.7)
-4.5 m (-14.8 ft)	kg	*16070	*16070	*22390	*22390	*16210	14730	*12150	9480	*9020	6970			*8800	6860	7.60
	lb	*35430	*35430	*49360	*49360	*35740	32470	*26790	20900	*19890	15370			*19400	15120	(24.9)
-6.0 m (-19.7 ft)	kg					*12230	*12230							*8800	*8800	5.85
	lb					*26960	*26960							*19400	*19400	(19.2)

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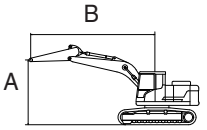
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

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 necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3 HW	HD MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6150	2200	6000	700	-	-	-	-	-

· : 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)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg					*9570	*9570			*9710	*9710	6.55	*5610	7.74
	lb					*21100	*21100			*21410	*21410	(21.5)	*12370	(25.4)
6.0 m (19.7 ft)	kg					*10020	*10020	*9530	7760	*9540	7730	7.51	*5430	8.62
	lb					*22090	*22090	*21010	17110	*21030	17040	(24.6)	*11970	(28.3)
4.5 m (14.8 ft)	kg					*11260	10710	*9800	7630	9460	6770	8.08	5010	9.17
	lb					*24820	23610	*21610	16820	20860	14930	(26.5)	11050	(30.1)
3.0 m (9.8 ft)	kg					*12710	10220	*10430	7410	8880	6330	8.34	4670	9.44
	lb					*28020	22530	*22990	16340	19580	13960	(27.4)	10300	(31.0)
1.5 m (4.9 ft)	kg					*13780	9860	10240	7220	8800	6250	8.32	4560	9.47
	lb					*30380	21740	22580	15920	19400	13780	(27.3)	10050	(31.1)
0.0 m (0.0 ft)	kg					*14130	9690	10140	7130	9240	6540	8.01	4650	9.25
	lb					*31150	21360	22350	15720	20370	14420	(26.3)	10250	(30.4)
-1.5 m (-4.9 ft)	kg			*17890	14960	*13590	9700			10430	7340	7.39	4990	8.77
	lb			*39440	32980	*29960	21380			22990	16180	(24.3)	11000	(28.8)
-3.0 m (-9.8 ft)	kg	*19990	*19990	*15460	15250	*11510	9940			*10430	9220	6.36	5740	7.98
	lb	*44070	*44070	*34080	33620	*25380	21910			*22990	20330	(20.9)	12650	(26.2)

Note 1. Lifting capacity are based on 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.

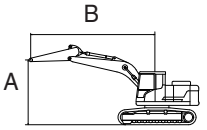
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

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 necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3 HW	HD MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6150	2500	6000	700	-	-	-	-	-

· : 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)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg					*9000	*9000			*9110	*9110	6.76	*5610	7.74
	lb					*19840	*19840			*20080	*20080	(22.2)	*12370	(25.4)
6.0 m (19.7 ft)	kg					*9560	*9560	*9030	7830	*9040	7480	7.70	*5430	8.62
	lb					*21080	*21080	*19910	17260	*19930	16490	(25.3)	*11970	(28.3)
4.5 m (14.8 ft)	kg			*13920	*13920	*10850	10770	*9470	7660	*9150	6570	8.25	5010	9.17
	lb			*30690	*30690	*23920	23740	*20880	16890	*20170	14480	(27.1)	11050	(30.1)
3.0 m (9.8 ft)	kg					*12370	10260	*10170	7420	8620	6140	8.51	4670	9.44
	lb					*27270	22620	*22420	16360	19000	13540	(27.9)	10300	(31.0)
1.5 m (4.9 ft)	kg					*13550	9860	10230	7210	8530	6050	8.49	4560	9.47
	lb					*29870	21740	22550	15900	18810	13340	(27.8)	10050	(31.1)
0.0 m (0.0 ft)	kg			*19120	14770	*14060	9650	10090	7080	8910	6300	8.19	4650	9.25
	lb			*42150	32560	*31000	21270	22240	15610	19640	13890	(26.9)	10250	(30.4)
-1.5 m (-4.9 ft)	kg	*17520	*17520	*18200	14840	*13710	9620	10120	7110	9970	7010	7.58	4990	8.77
	lb	*38620	*38620	*40120	32720	*30230	21210	22310	15670	21980	15450	(24.9)	11000	(28.8)
-3.0 m (-9.8 ft)	kg	*21370	*21370	*16080	15100	*12090	9810			*10610	8680	6.57	5740	7.98
	lb	*47110	*47110	*35450	33290	*26650	21630			*23390	19140	(21.6)	12650	(26.2)

Note 1. Lifting capacity are based on 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.
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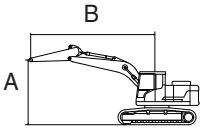
Consult your HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.
Failure to comply to the rated load can cause possible personal injury or property damage.
Make adjustments to the rated load as necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3 HW	HD MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	2200	6000	700	-	-	-	-	-

· : 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)
9.0 m (29.5 ft)	kg									*9860	*9860	5.47
	lb									*21740	*21740	(18.0)
7.5 m (24.6 ft)	kg					*9190	*9190			*9240	8850	6.94
	lb					*20260	*20260			*20370	19510	(22.8)
6.0 m (19.7 ft)	kg					*9860	*9860	*9080	7740	*9090	7150	7.85
	lb					*21740	*21740	*20020	17060	*20040	15760	(25.8)
4.5 m (14.8 ft)	kg					*11200	10540	*9550	7550	8840	6310	8.40
	lb					*24690	23240	*21050	16640	19490	13910	(27.6)
3.0 m (9.8 ft)	kg					*12660	10020	*10230	7300	8320	5920	8.65
	lb					*27910	22090	*22550	16090	18340	13050	(28.4)
1.5 m (4.9 ft)	kg					*13660	9660	10110	7100	8250	5850	8.63
	lb					*30120	21300	22290	15650	18190	12900	(28.3)
0.0 m (0.0 ft)	kg					13940	9510	10000	6990	8630	6090	8.33
	lb					30730	20970	22050	15410	19030	13430	(27.3)
-1.5 m (-4.9 ft)	kg			*17490	14740	*13450	9520	10040	7040	9640	6770	7.74
	lb			*38560	32500	*29650	20990	22130	15520	21250	14930	(25.4)
-3.0 m (-9.8 ft)	kg	*19290	*19290	*15330	15020	*11770	9730			*9870	8330	6.75
	lb	*42530	*42530	*33800	33110	*25950	21450			*21760	18360	(22.2)
-4.5 m (-14.8 ft)	kg			*13270	*13270					*10000	9380	5.80
	lb			*29260	*29260					*22050	20680	(19.0)

Note 1. Lifting capacity are based on ISO 10567.

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Lifting capacities will vary with different work tools, ground conditions and attachments.
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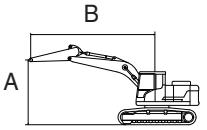
Failure to comply to the rated load can cause possible personal injury or property damage.
Make adjustments to the rated load as necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX350LT3 HW	HD MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6450	2500	6000	700	-	-	-	-	-

· : 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									*8700	8510	7.15
	lb									*19180	18760	(23.4)
6.0 m (19.7 ft)	kg					*9440	*9440	*8690	7790	*8640	6930	8.04
	lb					*20810	*20810	*19160	17170	*19050	15280	(26.4)
4.5 m (14.8 ft)	kg			*14270	*14270	*10800	10610	*9250	7570	8580	6130	8.57
	lb			*31460	*31460	*23810	23390	*20390	16690	18920	13510	(28.1)
3.0 m (9.8 ft)	kg					*12320	10060	*9990	7310	8080	5740	8.81
	lb					*27160	22180	*22020	16120	17810	12650	(28.9)
1.5 m (4.9 ft)	kg					*13440	9660	10100	7080	8000	5660	8.79
	lb					*29630	21300	22270	15610	17640	12480	(28.8)
0.0 m (0.0 ft)	kg			*18780	14520	*13880	9460	9950	6950	8330	5870	8.51
	lb			*41400	32010	*30600	20860	21940	15320	18360	12940	(27.9)
-1.5 m (-4.9 ft)	kg	*14350	*14350	*17830	14610	*13550	9450	9960	6950	9230	6480	7.92
	lb	*31640	*31640	*39310	32210	*29870	20830	21960	15320	20350	14290	(26.0)
-3.0 m (-9.8 ft)	kg	*20680	*20680	*15900	14860	*12180	9610			*10000	7860	6.97
	lb	*45590	*45590	*35050	32760	*26850	21190			*22050	17330	(22.9)
-4.5 m (-14.8 ft)	kg			*12050	*12050					*9680	*9680	5.44
	lb			*26570	*26570					*21340	*21340	(17.9)

Note 1. Lifting capacity are based on 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.

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

6. BUCKET SELECTION GUIDE

1) HX350LT3

(1) 6000 kg counterweight

General bucket

Heavy duty
(without side cutter)

Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO						
						Recommendation mm (ft-in)						
	SAE Heaped	CECE heaped				6.15 m (20' 2") HD Short Boom		6.45 m (21' 2") Boom			6.45 m (21' 2") HD Boom	
	m^3 (yd^3)	m^3 (yd^3)	mm (in)	kg (lb)	EA	2.2 m (7' 3") Arm	2.5 m (8' 2") Arm	2.5 m (8' 2") Arm	3.2 m (10' 6") Arm	4.05 m (13' 3") Arm	2.2 m (7' 3") Arm	2.5 m (8' 2") Arm
General bucket	1.44 (1.88)	1.25 (1.63)	1,380 (54.3")	1,150 (2,540)	5	●	●	●	●	◐	●	●
	1.74 (2.28)	1.50 (1.96)	1,620 (63.8")	1,260 (2,780)	6	●	●	◐	■	▲	◐	◐
	2.10 (2.75)	1.80 (2.35)	1,910 (75.2")	1,650 (3,640)	6	■	■	■	▲	X	■	■
Heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,380 (3,040)	5	●	●	●	◐	■	●	●
	1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,780 (3,920)	5	◐	◐	■	▲	X	■	■
Rock heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,470 (3,240)	5	●	●	●	◐	-	●	●
	1.60 (2.09)	1.39 (1.82)	1,585 (62.4")	1,650 (3,640)	5	●	●	◐	■	-	●	◐
	1.73 (2.26)	1.50 (1.96)	1,710 (67.3")	1,650 (3,640)	5	●	◐	◐	■	-	◐	◐

● Applicable for materials with density of 2100 kg/m^3 (3500 lb/yd^3) or less
◐ Applicable for materials with density of 1800 kg/m^3 (3000 lb/yd^3) or less
■ Applicable for materials with density of 1500 kg/m^3 (2500 lb/yd^3) or less
▲ Applicable for materials with density of 1200 kg/m^3 (2000 lb/yd^3) or less
X Not recommended
- Not available

※ 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) 6600 kg counterweight

General bucket

Heavy duty
(without side cutter)

Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO						
						Recommendation mm (ft-in)						
	SAE Heaped	CECE heaped				6.15 m (20' 2") HD Short Boom		6.45 m (21' 2") Boom			6.45 m (21' 2") HD Boom	
	m^3 (yd^3)	m^3 (yd^3)	mm (in)	kg (lb)	EA	2.2 m (7' 3") Arm	2.5 m (8' 2") Arm	2.5 m (8' 2") Arm	3.2 m (10' 6") Arm	4.05 m (13' 3") Arm	2.2 m (7' 3") Arm	2.5 m (8' 2") Arm
General bucket	1.44 (1.88)	1.25 (1.63)	1,380 (54.3")	1,150 (2,540)	5	●	●	●	●	◐	●	●
	1.74 (2.28)	1.50 (1.96)	1,620 (63.8")	1,260 (2,780)	6	●	●	●	◐	■	●	●
	2.10 (2.75)	1.80 (2.35)	1,910 (75.2")	1,650 (3,640)	6	◐	◐	■	▲	X	■	■
Heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,380 (3,040)	5	●	●	●	●	■	●	●
	1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,780 (3,920)	5	◐	◐	◐	■	▲	◐	◐
Rock heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,470 (3,240)	5	●	●	●	●	-	●	●
	1.60 (2.09)	1.39 (1.82)	1,585 (62.4")	1,650 (3,640)	5	●	●	●	◐	-	●	●
	1.73 (2.26)	1.50 (1.96)	1,710 (67.3")	1,650 (3,640)	5	●	●	◐	■	-	◐	◐

● Applicable for materials with density of 2100 kg/m^3 (3500 lb/yd^3) or less
◐ Applicable for materials with density of 1800 kg/m^3 (3000 lb/yd^3) or less
■ Applicable for materials with density of 1500 kg/m^3 (2500 lb/yd^3) or less
▲ Applicable for materials with density of 1200 kg/m^3 (2000 lb/yd^3) or less
X Not recommended
\- Not available

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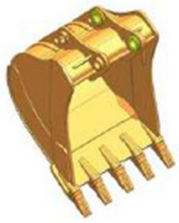
2) HX350LT3, HW

(1) 6000 kg counterweight

General bucket



Heavy duty
(without side cutter)

Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO						
						Recommendation mm (ft-in)						
	SAE Heaped	CECE heaped				6.15 m (20' 2") HD Short Boom		6.45 m (21' 2") Boom			6.45 m (21' 2") HD Boom	
	m^3 (yd^3)	m^3 (yd^3)	mm (in)	kg (lb)	EA	2.2 m (7' 3") Arm	2.5 m (8' 2") Arm	2.5 m (8' 2") Arm	3.2 m (10' 6") Arm	4.05 m (13' 3") Arm	2.2 m (7' 3") Arm	2.5 m (8' 2") Arm
General bucket	1.44 (1.88)	1.25 (1.63)	1,380 (54.3")	1,150 (2,540)	5	●	●	●	●	●	●	●
	1.74 (2.28)	1.50 (1.96)	1,620 (63.8")	1,260 (2,780)	6	●	●	●	●	◐	●	●
	2.10 (2.75)	1.80 (2.35)	1,910 (75.2")	1,650 (3,640)	6	●	●	◐	■	▲	◐	◐
Heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,380 (3,040)	5	●	●	●	●	●	●	●
	1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,780 (3,920)	5	●	●	●	◐	■	●	●
Rock heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,470 (3,240)	5	●	●	●	●	-	●	●
	1.60 (2.09)	1.39 (1.82)	1,585 (62.4")	1,650 (3,640)	5	●	●	●	●	-	●	●
	1.73 (2.26)	1.50 (1.96)	1,710 (67.3")	1,650 (3,640)	5	●	●	●	◐	-	●	●

● Applicable for materials with density of 2100 kg/m^3 (3500 lb/yd^3) or less
◐ Applicable for materials with density of 1800 kg/m^3 (3000 lb/yd^3) or less
■ Applicable for materials with density of 1500 kg/m^3 (2500 lb/yd^3) or less
▲ Applicable for materials with density of 1200 kg/m^3 (2000 lb/yd^3) or less
X Not recommended
- Not available

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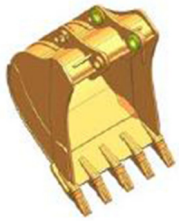
(2) 6600 kg counterweight

General bucket



Heavy duty
(without side cutter)

Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO						
						Recommendation mm (ft-in)						
	SAE Heaped	CECE heaped				6.15 m (20' 2") HD Short Boom		6.45 m (21' 2") Boom			6.45 m (21' 2") HD Boom	
	m^3 (yd^3)	m^3 (yd^3)	mm (in)	kg (lb)	EA	2.2 m (7' 3") Arm	2.5 m (8' 2") Arm	2.5 m (8' 2") Arm	3.2 m (10' 6") Arm	4.05 m (13' 3") Arm	2.2 m (7' 3") Arm	2.5 m (8' 2") Arm
General bucket	1.44 (1.88)	1.25 (1.63)	1,380 (54.3")	1,150 (2,540)	5	●	●	●	●	●	●	●
	1.74 (2.28)	1.50 (1.96)	1,620 (63.8")	1,260 (2,780)	6	●	●	●	●	◐	●	●
	2.10 (2.75)	1.80 (2.35)	1,910 (75.2")	1,650 (3,640)	6	●	●	●	◐	■	●	◐
Heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,380 (3,040)	5	●	●	●	●	●	●	●
	1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,780 (3,920)	5	●	●	●	◐	■	●	●
Rock heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,470 (3,240)	5	●	●	●	●	-	●	●
	1.60 (2.09)	1.39 (1.82)	1,585 (62.4")	1,650 (3,640)	5	●	●	●	●	-	●	●
	1.73 (2.26)	1.50 (1.96)	1,710 (67.3")	1,650 (3,640)	5	●	●	●	●	-	●	●

● Applicable for materials with density of 2100 kg/m^3 (3500 lb/yd^3) or less
◐ Applicable for materials with density of 1800 kg/m^3 (3000 lb/yd^3) or less
■ Applicable for materials with density of 1500 kg/m^3 (2500 lb/yd^3) or less
▲ Applicable for materials with density of 1200 kg/m^3 (2000 lb/yd^3) or less
X Not recommended
- Not available

※ 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.

7. UNDERCARRIAGE

1) TYPES OF SHOES

Model	Description	Unit		Triple grouser								Double grouser	
	width	mm	(in)	600	(24)	700	(28)	800	(32)	900	(36)	700	(28)
HX350LT3	Operating weight	kg	(lb)	33680	(74096)	34260	(75372)	34650	(76230)	35040	(77088)	-	-
	Ground pressure	kgf/cm²	(psi)	0.65	(9.22)	0.57	(8.04)	0.50	(7.11)	0.45	(6.39)	-	-
	Overall width	mm	(ft-in)	3280	(10' 9")	3380	(11' 1")	3480	(11' 5")	3580	(11' 9")	-	-
	Link quantity	EA		48		48		48		48		-	
HX350LT3 HW	Operating weight	kg	(lb)	35540	(78350)	-	-	-	-	-	-	37100	(81620)
	Ground pressure	kgf/cm²	(psi)	0.68	(9.73)	-	-	-	-	-	-	0.61	8.69
	Overall width	mm	(ft-in)	3470	(11' 5")	-	-	-	-	-	-	3570	(11' 9")
	Link quantity	EA		48		-		-		-		48	

2) 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
700 mm double grouser	Option	B
800 mm triple grouser	Option	C
900 mm triple grouser	Option	C

Table 2

Category	Applications	Precautions
A	Rocky ground, river beds, normal soil	· Travel at low speed on rough ground with large obstacles such as boulders or fallen trees or a wide range of general civil engineering work
B	Normal soil, soft ground	· These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees · Travel at high speed only on flat ground · Travel slowly at low speed if it is impossible to avoid going over obstacles
C	Extremely soft ground (swampy ground)	· Use the shoes only in the conditions that the machine sinks and it is impossible to use the shoes of category A or B · These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees · Travel at high speed only on flat ground · Travel slowly at low speed if it is impossible to avoid going over obstacles

8. SPECIFICATIONS FOR MAJOR COMPONENTS

1) ENGINE

Item	Specification
Model	Cummins QSC 8.3
Type	4-cycle, turbocharged, charge air cooled, electronic controlled diesel engine
Cooling method	Water cooled
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	114 × 135 mm (4.49" × 5.31")
Piston displacement	8.3 ℓ (506 cu in)
Compression ratio	16.5 : 1
Gross power	280 Hp (209 kW) at 2200 rpm
Net power	275 Hp (205 kW) at 2200 rpm
Maximum torque	138 kgf ·m (1000 lbf·ft) at 1500 rpm
Engine oil quantity	35 ℓ (9.2 U.S. gal)
Wet weight	723 kg (1594 lb)
Starting motor	24 V-7.8 kW
Alternator	24 V-95 A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 175 cc/rev
Rated oil flow	2 × 306.3 ℓ/min (80.9 U.S. gpm / 67.4 U.K. gpm)
Rated speed	1750 rpm

3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	15 cc/rev
Maximum pressure	40 kgf/cm^2 (570 psi)
Rated oil flow	26.3 ℓ /min (6.9 U.S. gpm/5.8 U.K. gpm)

4) MAIN CONTROL VALVE

Item		Specification
Type		10 spools
Operating method		Hydraulic pilot system
Main relief valve pressure		350 kgf/cm^2 (4980 psi) [380 kgf/cm^2 (5400 psi)]
Port relief valve pressure	Boom	400 kgf/cm^2 (5690 psi)
	Arm	400 kgf/cm^2 (5690 psi)
	Bucket	400 kgf/cm^2 (5690 psi)

[ ] : Power boost

5) SWING MOTOR

Item	Specification
Type	Axial piston motor
Capacity	156.9 cc/rev
Relief pressure	300 kgf/cm^2 (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^2 (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^2 (4980 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	134 kgf · m (969 lbf · ft)
Brake release pressure	13.2~17.0 kgf/cm^2 (188~242 psi)
Reduction gear type	2-stage planetary

7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Stroke	Ø150 × 1480 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø160 × 1685 mm Ø170 × 1685 mm (6.15 m, 6.45m HD boom only)
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	Ø140 × 1285 mm Ø145 × 1285 mm (2.20 m arm only)
	Cushion	Extend only

※ 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.

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 ℓ (U.S. gal)	Ambient temperature ˚C(˚F) -50 (-58) -30 (-22) -20 (-4) -10 (14) 0 (32) 10 (50) 20 (68) 30 (86) 40 (104)
Engine oil pan	Engine oil	30 (7.9)	★SAE 5W-40 SAE 30 SAE 10W SAE 10W-30 SAE 15W-40
Swing drive	Gear oil	11 (2.91)	★SAE 75W-90
Final drive		7.8×2 (2.1×2)	SAE 80W-90
Hydraulic tank	Hydraulic oil	Tank : 210 (55.5) System : 414 (107)	★ISO VG 15 ISO VG 32 ISO VG 46 ISO VG 68
Fuel tank	Diesel fuel	600 (159)	★ASTM D975 NO.1 ASTM D975 NO.2
Fitting (grease nipple)	Grease	As required	★NLGI NO.1 NLGI NO.2
Radiator (reservoir tank)	Mixture of antifreeze and soft water★1	55 (14.5)	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

★ : Cold region
Russia, CIS, Mongolia

★1 : Soft water
City water or distilled water

※ 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.

※ 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.