

SECTION 1 GENERAL



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SECTION 1 GENERAL

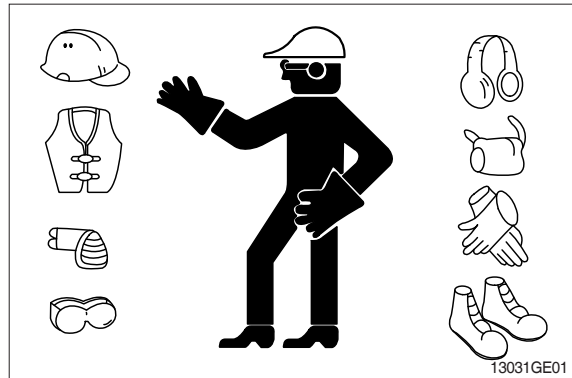
GROUP 1 SAFETY

FOLLOW SAFE PROCEDURE

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

WEAR PROTECTIVE CLOTHING

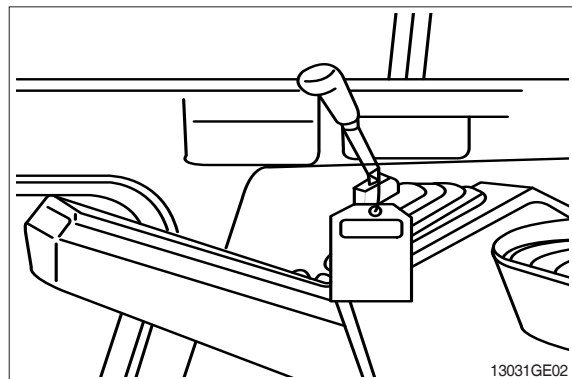
Wear close fitting clothing and safety equipment appropriate to the job.



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.



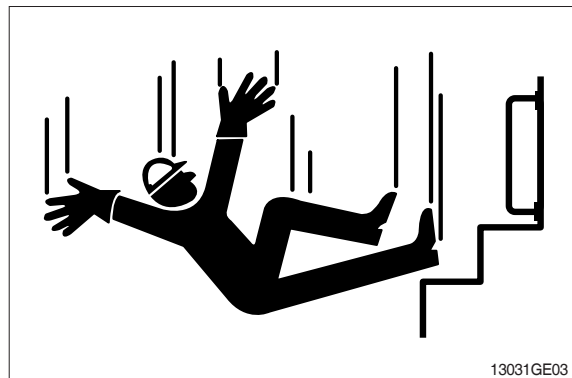
USE HANDHOLDS AND STEPS

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.

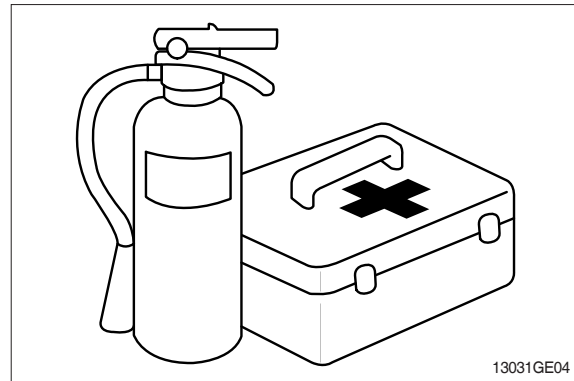


PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

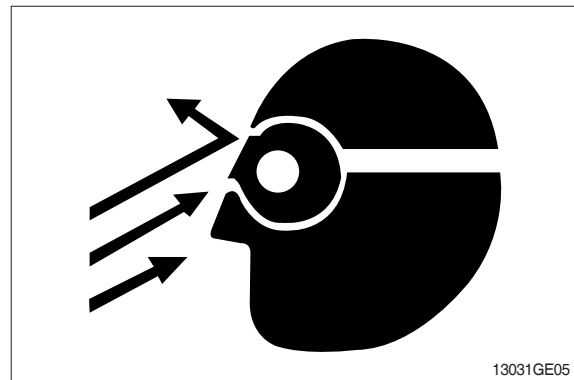
Keep a first aid kit and fire extinguisher handy.

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



PROTECT AGAINST FLYING DEBRIS

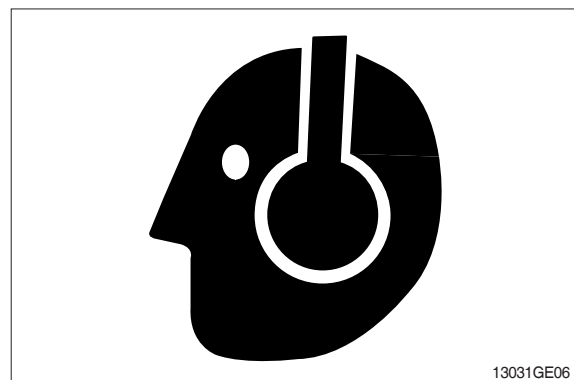
Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



PROTECT AGAINST NOISE

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

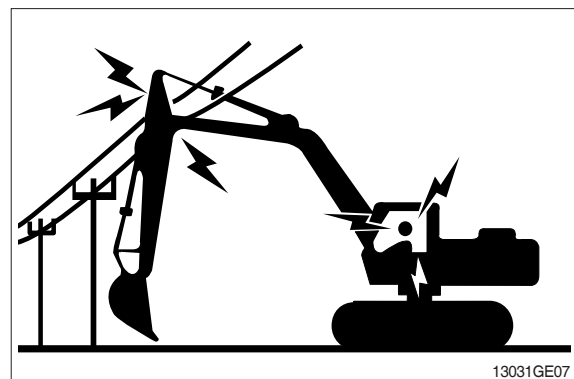
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



AVOID POWER LINES

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

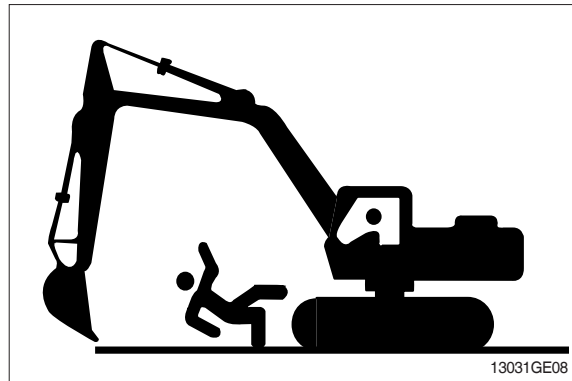
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



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.

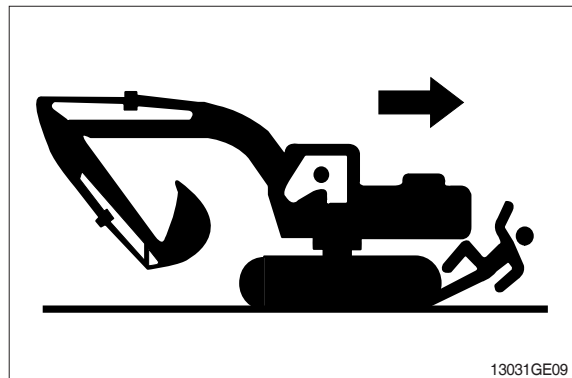


MOVE AND OPERATE MACHINE SAFELY

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:

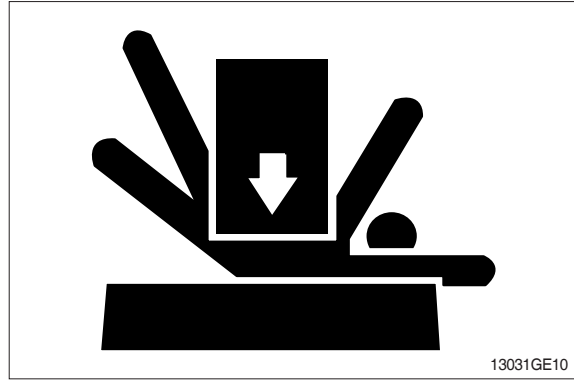
- Park machine on a level surface.
- Lower bucket to the ground.
- Turn auto idle switch off.
- Run engine at 1/2 speed without load for 2 minutes.
- Turn key switch to OFF to stop engine.
Remove key from switch.
- Move pilot control shutoff lever to locked position.
- Allow engine to cool.

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.

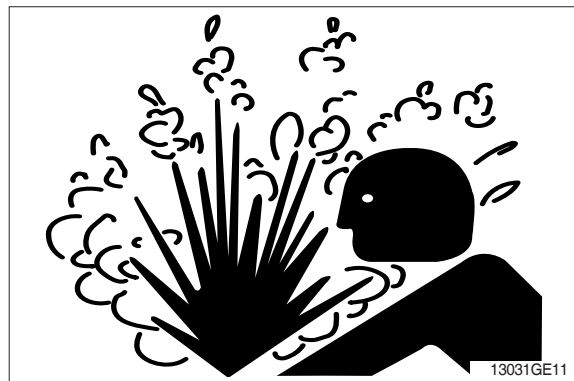
Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



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.

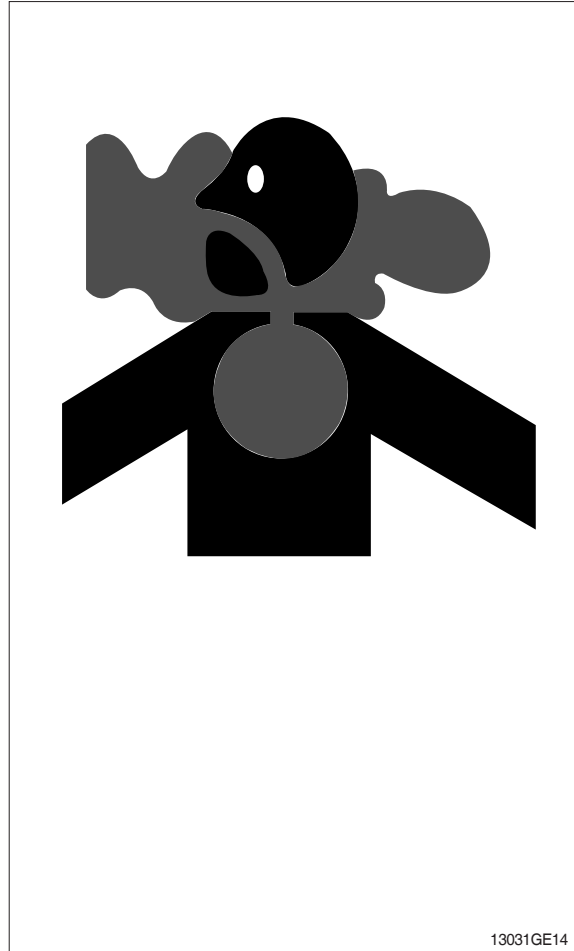
Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

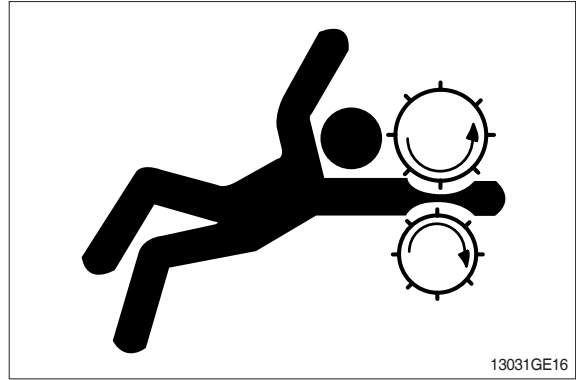
Remove paint before welding or heating:

- 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.

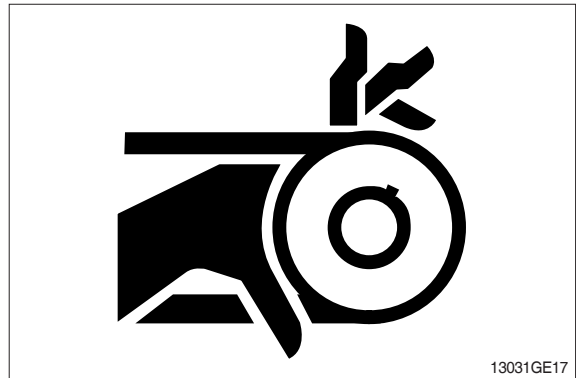




STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

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



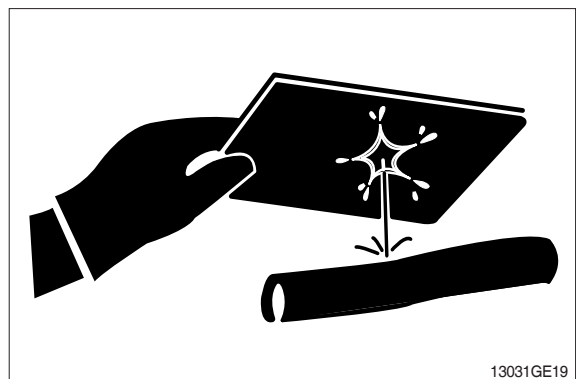
AVOID HIGH PRESSURE FLUIDS

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:

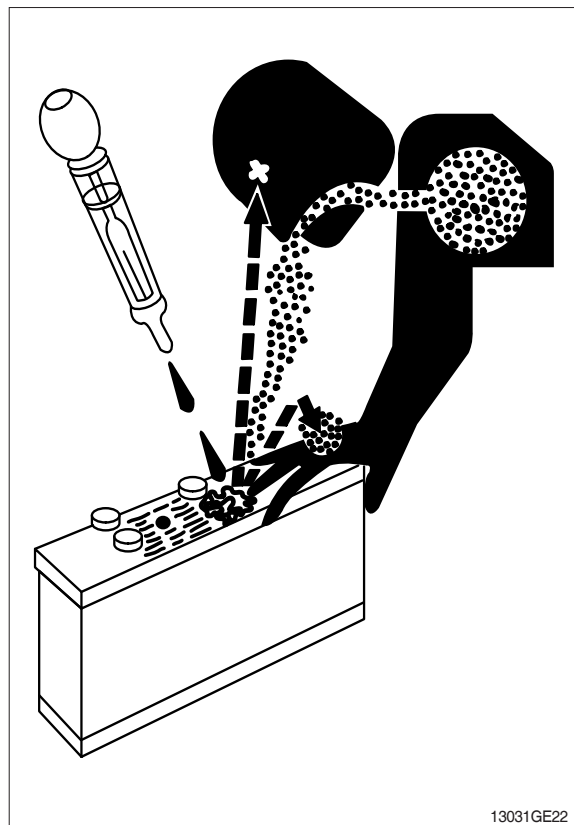
1. Filling batteries in a well-ventilated area.
2. Wearing eye protection and rubber gloves.
3. Avoiding breathing fumes when electrolyte is added.
4. Avoiding spilling or dripping electrolyte.
5. Use proper jump start procedure.

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.



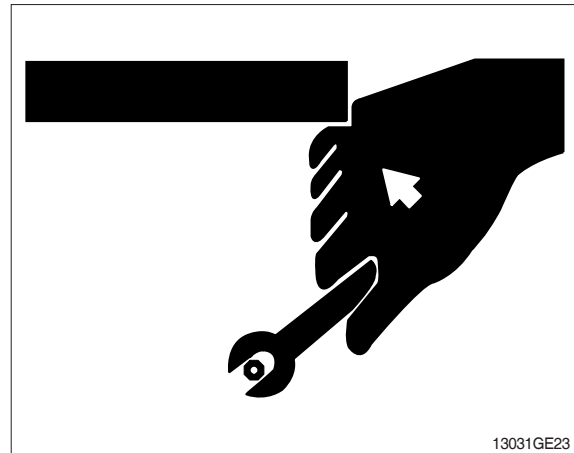
USE TOOLS PROPERLY

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.)

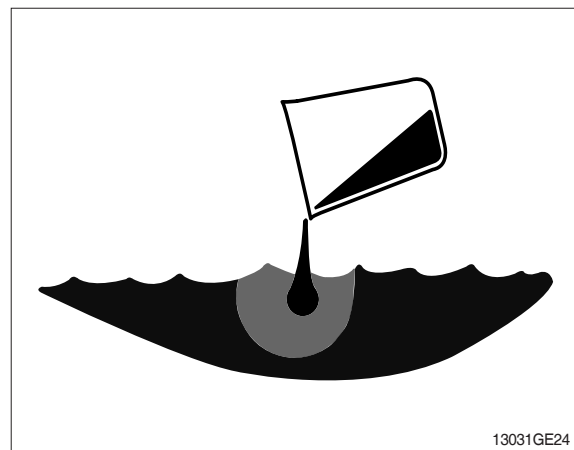


DISPOSE OF FLUIDS PROPERLY

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.

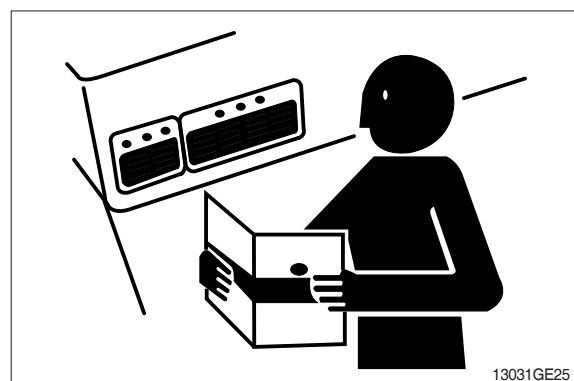
Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

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.



REPLACE SAFETY SIGNS

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

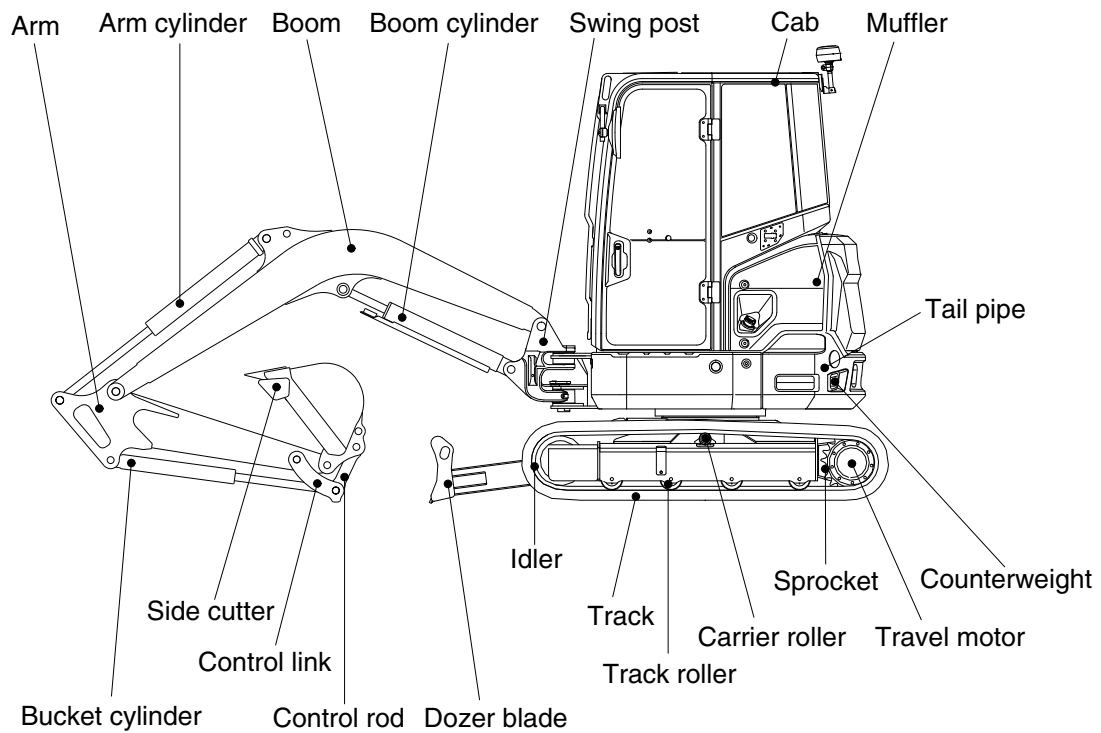
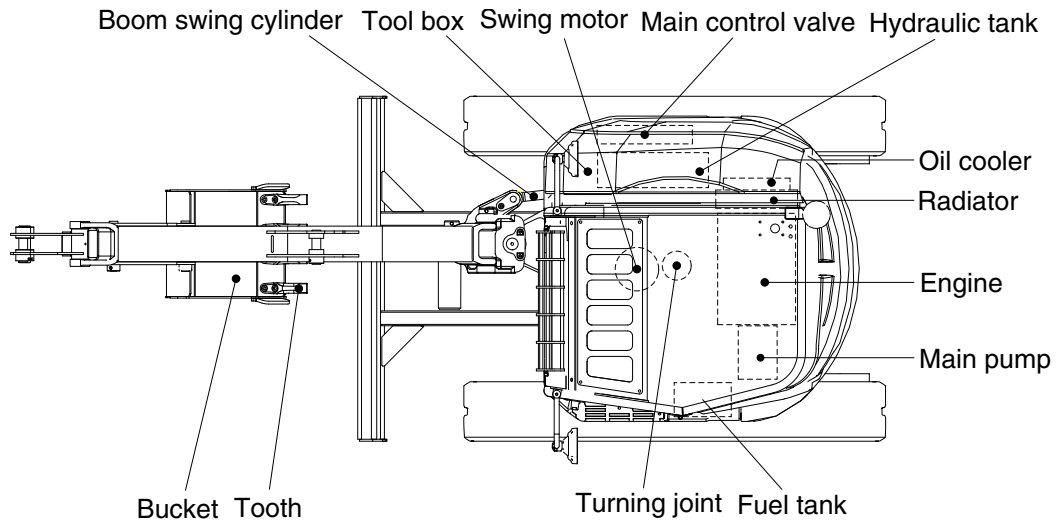


LIVE WITH SAFETY

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

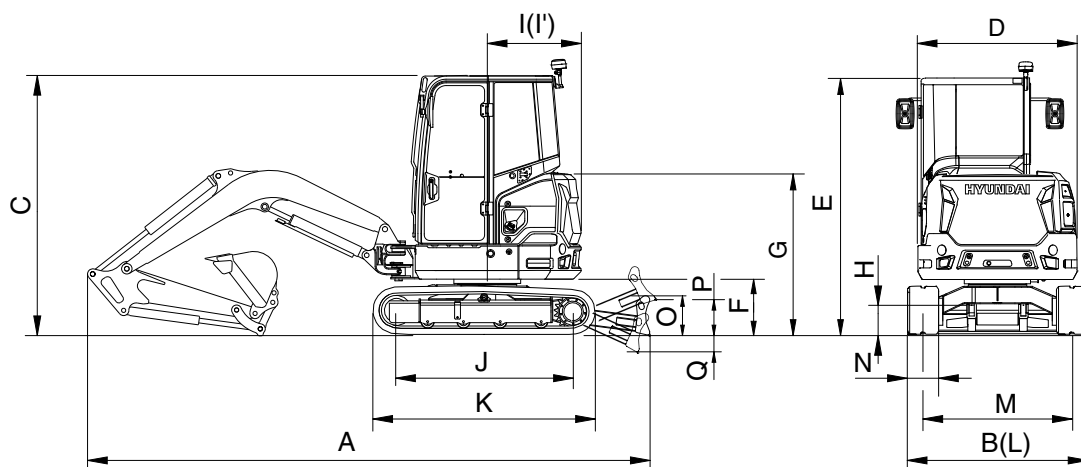


35AZ2SP01

2. SPECIFICATIONS

1) CAB TYPE

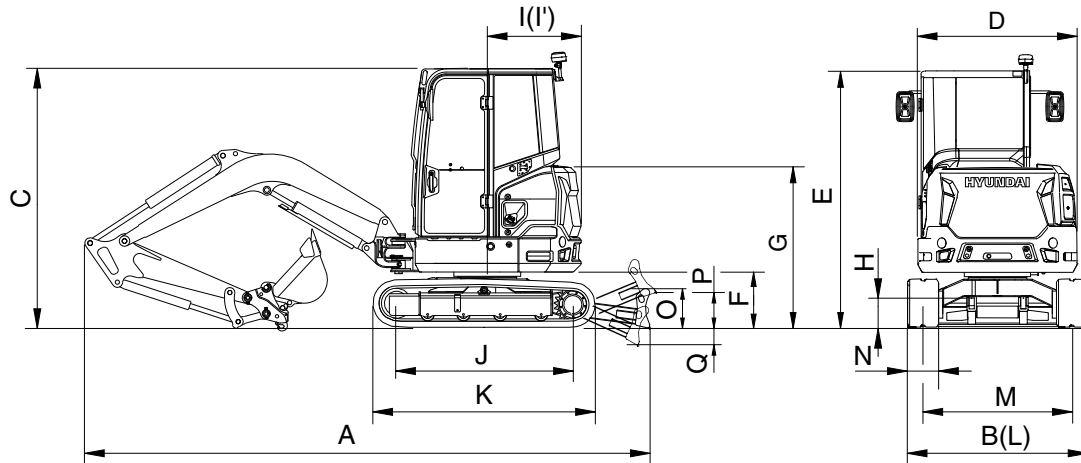
(1) 2.4 m (7' 10") boom, 1.3 m (4' 3") arm, rubber track, without quick coupler



35AZ2SP02

Description		Unit	Specification
Operating weight		kg (lb)	3880 (8550)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)	0.11 (0.14)
Overall length	A	mm (ft-in)	4783 (15' 8")
Overall width, with 300 mm shoe	B		1740 (5' 9")
Overall width, with dozer	-		1740 (5' 9")
Overall height	C		2505 (8' 3")
Overall width of upper structure	D		1540 (5' 1")
Overall height of cab	E		2505 (8' 3")
Ground clearance of counterweight	F		525 (1' 9")
Overall height of engine hood	G		1545 (5' 1")
Minimum ground clearance	H		175 (0' 7")
Rear-end distance	I		900 (2' 11")
Rear-end swing radius	I'		900 (2' 11")
Distance between tumblers	J		1690 (5' 7")
Undercarriage length (without grouser)	K		2128 (7' 0")
Undercarriage width	L		1740 (5' 9")
Track gauge	M		1440 (4' 9")
Track shoe width, standard	N		300 (1' 0")
Height of blade	O		371 (1' 3")
Ground clearance of blade up	P		383 (1' 3")
Depth of blade down	Q		447 (1' 6")
Travel speed (low/high)		km/hr (mph)	2.56/4.41
Swing speed		rpm	9.4
Gradeability		Degree (%)	35
Ground pressure		kgf/cm ² (psi)	0.36 (5.09)
Max traction force		kg (lb)	3039 (6700)

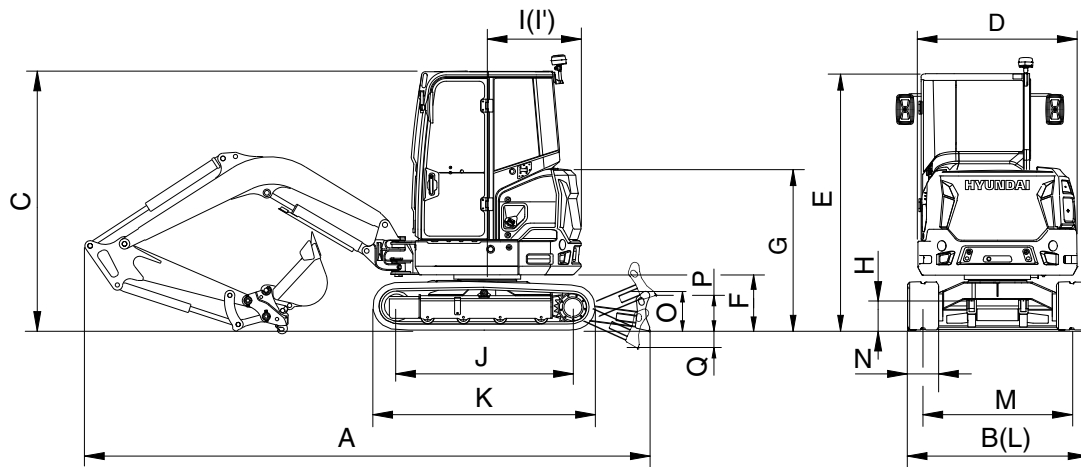
(2) 2.4 m (7' 10") boom, 1.3 m (4' 3") arm, rubber track, quick coupler



35AZ2SP03

Description		Unit	Specification
Operating weight		kg (lb)	3920 (8640)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)	0.11 (0.14)
Overall length	A	mm (ft-in)	4783 (15' 8")
Overall width, with 300 mm shoe	B		1740 (5' 9")
Overall width, with dozer	-		1740 (5' 9")
Overall height	C		2505 (8' 3")
Overall width of upper structure	D		1540 (5' 1")
Overall height of cab	E		2505 (8' 3")
Ground clearance of counterweight	F		525 (1' 9")
Overall height of engine hood	G		1545 (5' 1")
Minimum ground clearance	H		175 (0' 7")
Rear-end distance	I		900 (2' 11")
Rear-end swing radius	I'		900 (2' 11")
Distance between tumblers	J		1690 (5' 7")
Undercarriage length (without grouser)	K		2128 (7' 0")
Undercarriage width	L		1740 (5' 9")
Track gauge	M		1440 (4' 9")
Track shoe width, standard	N		300 (1' 0")
Height of blade	O		371 (1' 3")
Ground clearance of blade up	P		383 (1' 3")
Depth of blade down	Q		447 (1' 6")
Travel speed (low/high)		km/hr (mph)	2.56/4.41
Swing speed		rpm	9.4
Gradeability		Degree (%)	35
Ground pressure		kgf/cm ² (psi)	0.36 (5.13)
Max traction force		kg (lb)	3039 (6700)

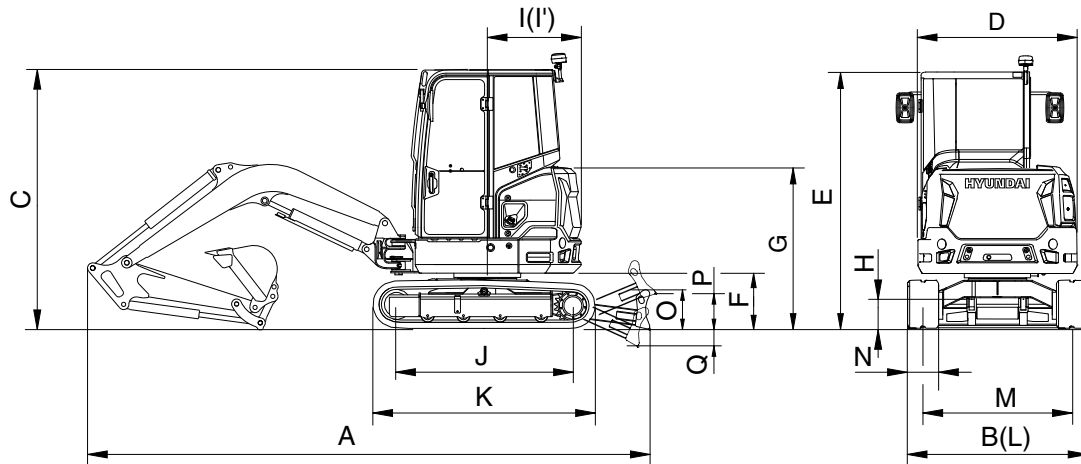
(3) 2.4 m (7' 10") boom, 1.6 m (5' 3") long thumb arm, rubber track, quick coupler, angle dozer, add counterweight



35AZ2SP03

Description		Unit	Specification
Operating weight		kg (lb)	4240 (9350)
Bucket capacity (SAE heaped), standard		m3 (yd3)	0.11 (0.14)
Overall length	A	mm (ft-in)	4783 (15' 8")
Overall width, with 300 mm shoe	B		1740 (5' 9")
Overall width, with dozer	-		1740 (5' 9")
Overall height	C		2505 (8' 3")
Overall width of upper structure	D		1540 (5' 1")
Overall height of cab	E		2505 (8' 3")
Ground clearance of counterweight	F		525 (1' 9")
Overall height of engine hood	G		1545 (5' 1")
Minimum ground clearance	H		175 (0' 7")
Rear-end distance	I		985 (3' 3")
Rear-end swing radius	I'		985 (3' 3")
Distance between tumblers	J		1690 (5' 7")
Undercarriage length (without grouser)	K		2128 (7' 0")
Undercarriage width	L		1740 (5' 9")
Track gauge	M		1440 (4' 9")
Track shoe width, standard	N		300 (1' 0")
Height of blade	O		394 (1' 4")
Ground clearance of blade up	P		408 (1' 4")
Depth of blade down	Q		460 (1' 6")
Travel speed (low/high)		km/hr (mph)	2.56/4.41
Swing speed		rpm	9.4
Gradeability		Degree (%)	35
Ground pressure		kgf/cm ² (psi)	0.39 (5.55)
Max traction force		kg (lb)	3039 (6700)

(4) 2.4 m (7' 10") boom, 1.3 m (4' 3") thumb arm, rubber track, without quick coupler (europe option)

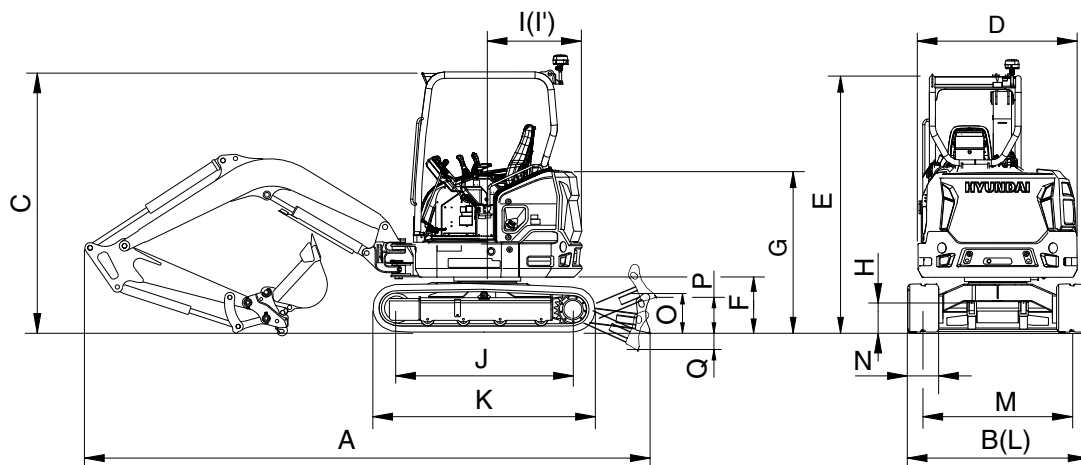


35AZ2SP02

Description		Unit	Specification
Operating weight		kg (lb)	3880 (8550)
Bucket capacity (SAE heaped), standard		m3 (yd3)	0.11 (0.14)
Overall length	A	mm (ft-in)	4783 (15' 8")
Overall width, with 300 mm shoe	B		1740 (5' 9")
Overall width, with dozer	-		1740 (5' 9")
Overall height	C		2490 (8' 2")
Overall width of upper structure	D		1540 (5' 1")
Overall height of cab	E		2490 (8' 2")
Ground clearance of counterweight	F		525 (1' 9")
Overall height of engine hood	G		1545 (5' 1")
Minimum ground clearance	H		175 (0' 7")
Rear-end distance	I		900 (2' 11")
Rear-end swing radius	I'		900 (2' 11")
Distance between tumblers	J		1690 (5' 7")
Undercarriage length (without grouser)	K		2128 (7' 0")
Undercarriage width	L		1740 (5' 9")
Track gauge	M		1440 (4' 9")
Track shoe width, standard	N		300 (1' 0")
Height of blade	O		371 (1' 3")
Ground clearance of blade up	P		383 (1' 3")
Depth of blade down	Q		447 (1' 6")
Travel speed (low/high)		km/hr (mph)	2.56/4.41
Swing speed		rpm	9.4
Gradeability		Degree (%)	35
Ground pressure		kgf/cm ² (psi)	0.36 (5.09)
Max traction force		kg (lb)	3039 (6700)

2) CANOPY TYPE

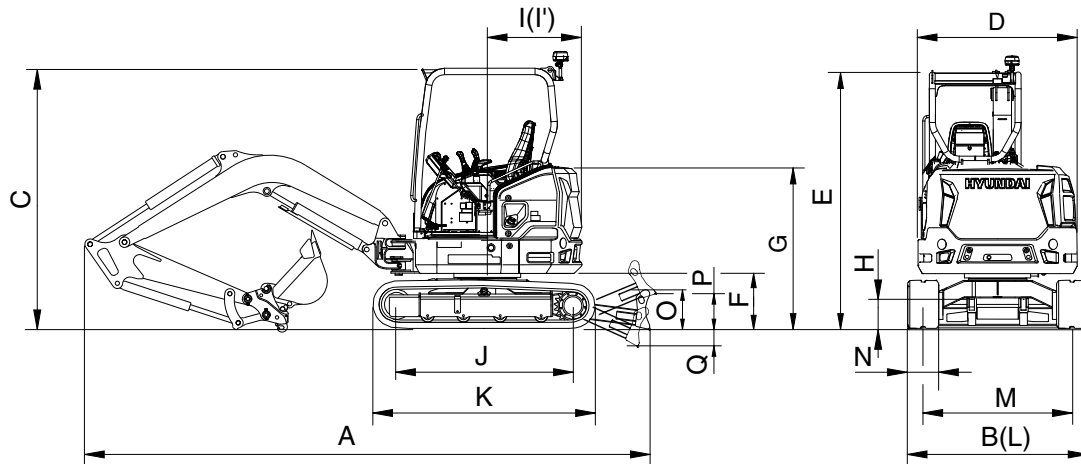
(1) 2.4 m (7' 10") boom, 1.3 m (4' 3") thumb arm, rubber track, quick coupler



35AZ2SP05

Description		Unit	Specification
Operating weight		kg (lb)	3760 (8290)
Bucket capacity (SAE heaped), standard		m3 (yd3)	0.11 (0.14)
Overall length	A	mm (ft-in)	4772 (15' 8")
Overall width, with 300 mm shoe	B		1740 (5' 9")
Overall width, with dozer	-		1740 (5' 9")
Overall height	C		2490 (8' 2")
Overall width of upper structure	D		1540 (5' 1")
Overall height of cab	E		2490 (8' 2")
Ground clearance of counterweight	F		525 (1' 9")
Overall height of engine hood	G		1545 (5' 1")
Minimum ground clearance	H		175 (0' 7")
Rear-end distance	I		900 (2' 11")
Rear-end swing radius	I'		900 (2' 11")
Distance between tumblers	J		1690 (5' 7")
Undercarriage length (without grouser)	K		2128 (7' 0")
Undercarriage width	L		1740 (5' 9")
Track gauge	M		1440 (4' 9")
Track shoe width, standard	N		300 (1' 0")
Height of blade	O		371 (1' 3")
Ground clearance of blade up	P		383 (1' 3")
Depth of blade down	Q		447 (1' 6")
Travel speed (low/high)		km/hr (mph)	2.56/4.41
Swing speed		rpm	9.4
Gradeability		Degree (%)	35
Ground pressure		kgf/cm ² (psi)	0.35 (4.94)
Max traction force		kg (lb)	3039 (6700)

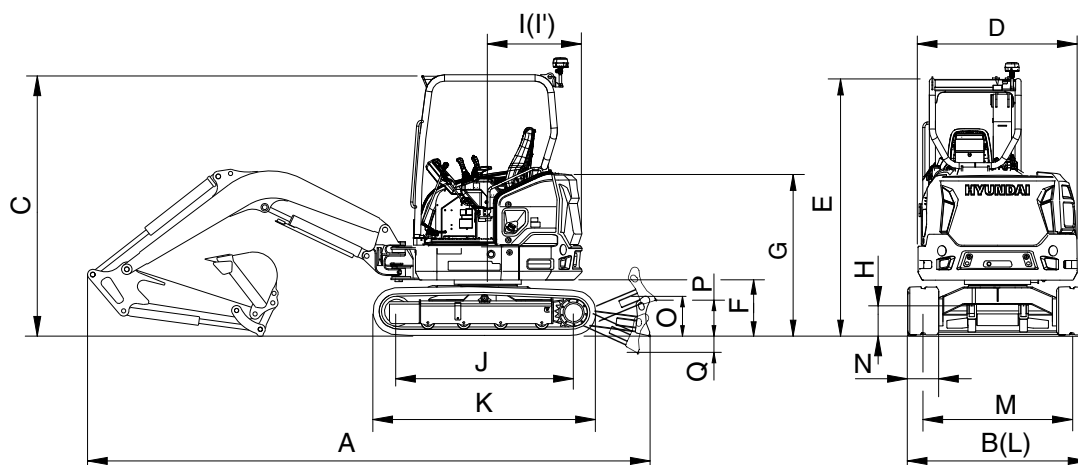
(2) 2.4 m (7' 10") boom, 1.6 m (5' 3") long thumb arm, rubber track, quick coupler, add counter-weight



35AZ2SP05

Description		Unit	Specification
Operating weight		kg (lb)	3930 (8660)
Bucket capacity (SAE heaped), standard		m3 (yd3)	0.11 (0.14)
Overall length	A	mm (ft-in)	4783 (15' 8")
Overall width, with 300 mm shoe	B		1740 (5' 9")
Overall width, with dozer	-		1740 (5' 9")
Overall height	C		2490 (8' 2")
Overall width of upper structure	D		1540 (5' 1")
Overall height of cab	E		2490 (8' 2")
Ground clearance of counterweight	F		525 (1' 9")
Overall height of engine hood	G		1545 (5' 1")
Minimum ground clearance	H		175 (0' 7")
Rear-end distance	I		985 (3' 3")
Rear-end swing radius	I'		985 (3' 3")
Distance between tumblers	J		1690 (5' 7")
Undercarriage length (without grouser)	K		2128 (7' 0")
Undercarriage width	L		1740 (5' 9")
Track gauge	M		1440 (4' 9")
Track shoe width, standard	N		300 (1' 0")
Height of blade	O		371 (1' 3")
Ground clearance of blade up	P		383 (1' 3")
Depth of blade down	Q		447 (1' 6")
Travel speed (low/high)		km/hr (mph)	2.56/4.41
Swing speed		rpm	9.4
Gradeability		Degree (%)	35
Ground pressure		kgf/cm ² (psi)	0.36 (5.15)
Max traction force		kg (lb)	3039 (6700)

(3) 2.4 m (7' 10") boom, 1.3 m (4' 3") arm, steel truck, without quick coupler

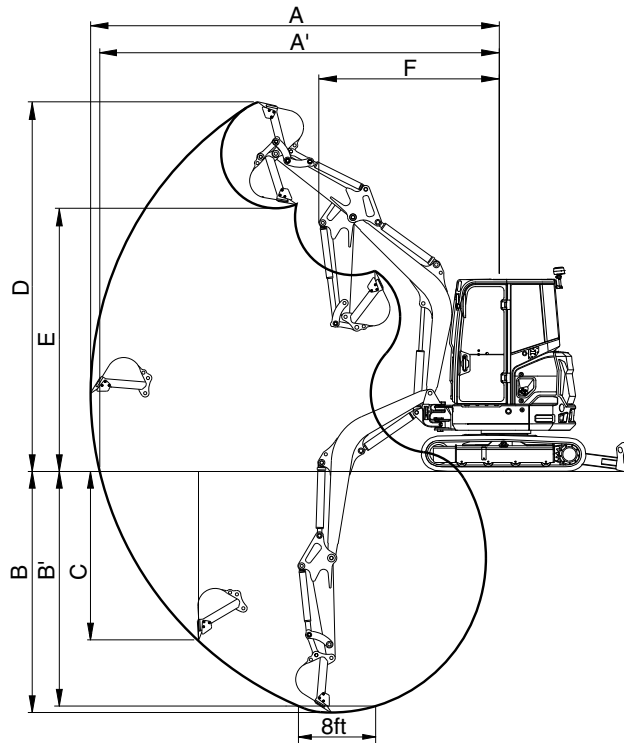


35AZ2SP04

Description		Unit	Specification
Operating weight		kg (lb)	3790 (8360)
Bucket capacity (SAE heaped), standard		m3 (yd3)	0.11 (0.14)
Overall length	A	mm (ft-in)	4783 (15' 8")
Overall width, with 300 mm shoe	B		1740 (5' 9")
Overall width, with dozer	-		1740 (5' 9")
Overall height	C		2495 (8' 2")
Overall width of upper structure	D		1540 (5' 1")
Overall height of cab	E		2495 (8' 2")
Ground clearance of counterweight	F		525 (1' 9")
Overall height of engine hood	G		1550 (5' 1")
Minimum ground clearance	H		180 (0' 7")
Rear-end distance	I		900 (2' 11")
Rear-end swing radius	I'		900 (2' 11")
Distance between tumblers	J		1680 (5' 6")
Undercarriage length (without grouser)	K		2104 (6' 11")
Undercarriage length (with grouser)			2137 (7' 0")
Undercarriage width	L		1740 (5' 9")
Track gauge	M		1440 (4' 9")
Track shoe width, standard	N		300 (1' 0")
Height of blade	O		371 (1' 3")
Ground clearance of blade up	P		383 (1' 3")
Depth of blade down	Q		447 (1' 6")
Track shoe link quantity			44
Travel speed (low/high)		km/hr (mph)	2.56/4.41
Swing speed		rpm	9.4
Gradeability		Degree (%)	35
Ground pressure		kgf/cm² (psi)	0.35 (5.01)
Max traction force		kg (lb)	3039 (6700)

3. WORKING RANGE

1) 2.4 m (7' 10") BOOM, WITHOUT QUICK COUPLER

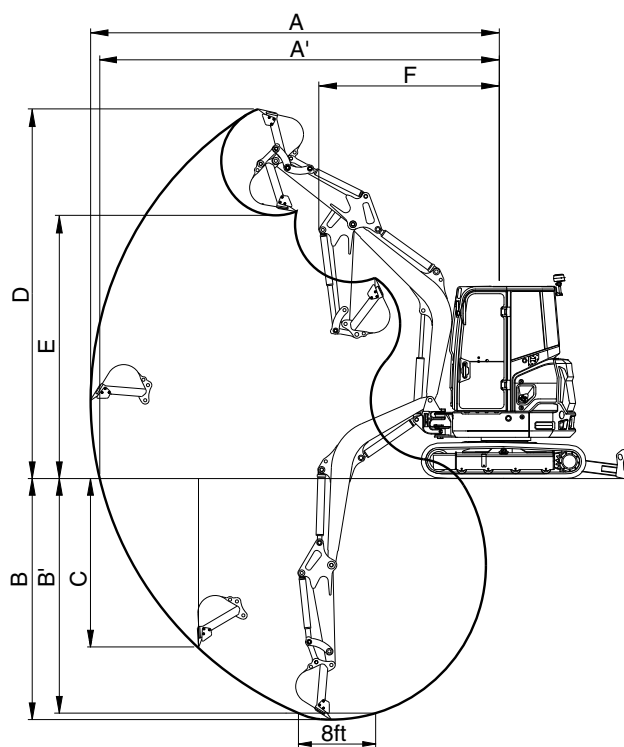


35AZ2SP10

Description		Unit	1.3 m (4' 3") Arm
Max digging reach	A	mm (ft-in)	5290 (17' 4")
Max digging reach on ground	A'		5170 (17' 0")
Max digging depth	B		2980 (9' 9")
Max digging depth (8ft level)	B'		2500 (8' 2")
Max vertical wall digging depth	C		2250 (7' 5")
Max digging height	D		4820 (15' 10")
Max dumping height	E		3415 (11' 2")
Min swing radius	F		2350 (7' 9")
Boom swing radius (left/right)		degree	75°/50°
Bucket digging force	SAE	kN	29 [31]
		kgf	2914 [3160]
		lbf	6423 [6967]
	ISO	kN	32 [34.8]
		kgf	3281 [3550]
		lbf	7232 [7826]
Arm crowd force	SAE	kN	19 [20.9]
		kgf	1963 [2130]
		lbf	4327 [4696]
	ISO	kN	20 [21.5]
		kgf	2025 [2190]
		lbf	4465 [4828]

[] : Power boost

2) 2.4 m (7' 10") BOOM, WITH QUICK COUPLER

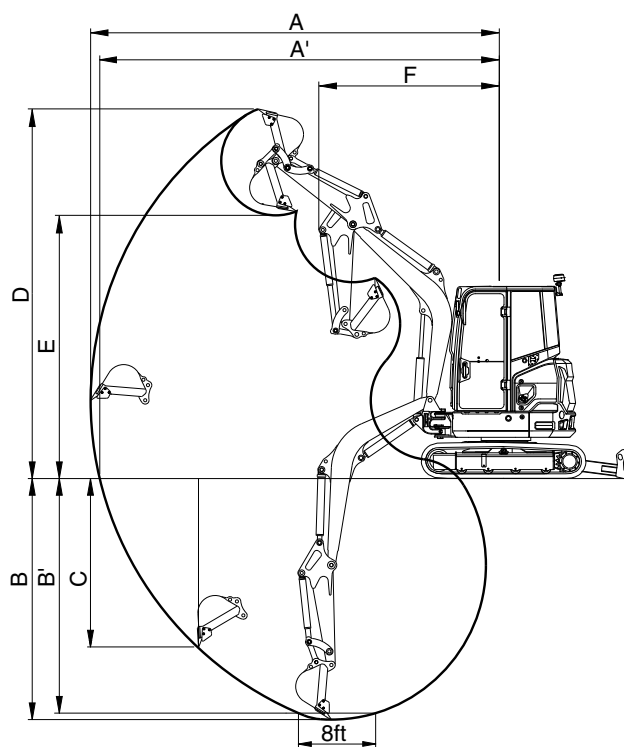


35AZ2SP10

Description		Unit	1.3 m (4' 3") Arm
Max digging reach	A	mm (ft-in)	5450 (17' 11")
Max digging reach on ground	A'		5340 (17' 6")
Max digging depth	B		3140 (10' 4")
Max digging depth (8ft level)	B'		2700 (8' 10")
Max vertical wall digging depth	C		2100 (6' 11")
Max digging height	D		4990 (16' 4")
Max dumping height	E		3250 (10' 8")
Min swing radius	F		2350 (7' 9")
Boom swing radius (left/right)		degree	75°/50°
Bucket digging force	SAE	kN	24 [26.3]
		kgf	2469 [2680]
		lbf	5444 [5908]
	ISO	kN	26 [28.5]
		kgf	2686 [2910]
		lbf	5922 [6415]
Arm crowd force	SAE	kN	18 [26.3]
		kgf	1804 [2680]
		lbf	3976 [5908]
	ISO	kN	18 [28.5]
		kgf	1855 [2910]
		lbf	4089 [6415]

[] : Power boost

3) 2.4 m (7' 10") BOOM, WITH QUICK COUPLER



35AZ2SP10

Description		Unit	1.6 m (5' 3") Long arm
Max digging reach	A	mm (ft-in)	5740 (18' 10")
Max digging reach on ground	A'		5630 (18' 6")
Max digging depth	B		3440 (11' 3")
Max digging depth (8ft level)	B'		3050 (10' 0")
Max vertical wall digging depth	C		2390 (7' 10")
Max digging height	D		5190 (17' 0")
Max dumping height	E		3450 (11' 4")
Min swing radius	F		2425 (7' 11")
Boom swing radius (left/right)		degree	75°/50°
Bucket digging force	SAE	kN	24 [26.2]
		kgf	2468 [2670]
		lbf	5441 [5886]
	ISO	kN	26 [28.5]
		kgf	2685 [2910]
		lbf	5919 [6415]
Arm crowd force	SAE	kN	16 [16.9]
		kgf	1583 [1720]
		lbf	3491 [3792]
	ISO	kN	16 [17.3]
		kgf	1623 [1760]
		lbf	3577 [3880]

[] : Power boost

4. WEIGHT

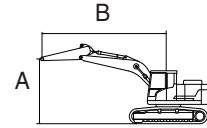
Item	kg	lb
Upperstructure assembly		
· Main frame weld assembly	453	999
· Engine assembly (including DFP)	148	326
· Main pump assembly	19	42
· Main control valve assembly	27	60
· Swing motor assembly	39	86
· Hydraulic oil tank wa	56	123
· Fuel tank wa	7	15
· Counterweight	410	904
· Counterweight-add	560	1235
· Cab assembly	455	1003
Lower chassis assembly		
· Track frame weld assembly	413	910
· Dozer blade assembly	152	335
· Angle dozer blade assembly	243	536
· Swing bearing	47	104
· Travel motor assembly	37	82
· Turning joint	27	60
· Sprocket	14	30
· Track recoil spring	34	74
· Idler	51	113
· Upper roller	5	10
· Lower roller	58	127
· Track-chain assembly-steel	382	842
· Track-chain assembly-rubber	299	659
Front attachment assembly		
· Boom assembly-2.4m	146	321
· Arm assembly-1.3 m	63	138
· Arm assembly-1.6 m	87	191
· Arm assembly-1.3 m, thumb	66	146
· Arm assembly-1.6 m, thumb	90	198
· Bucket assembly (with side cutter-611 mm)	87	192
· Bucket assembly (with side cutter-606 mm)	88	190
· Boom cylinder assembly	32	71
· Arm cylinder assembly	32	71
· Bucket cylinder assembly	23	51
· Swing cylinder assembly	26	57
· Cylinder assy--dozer	24	54
· Cylinder assy--dozer DPC	26	57
· Cylinder assy--dozer (angle)	23	51
· Cylinder assy-- angle dozer	10	22
· Bucket control linkage total	28	62



5. LIFTING CAPACITIES

1) RUBBER TRACK WITH DOZER BLADE

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	410	300	-	Up	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	900 1980	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	670 1480	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	570 1260	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	890 1960	*840 *1850	560 1230	*830 *1830	510 1120	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	870 1920	*870 *1920	560 1230	*830 *1830	470 1040	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	840 1850	*910 *2010	550 1210	*830 *1830	450 990	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	810 1790	*960 *2120	540 1190	*830 *1830	440 970	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	790 1740	*990 *2180	530 1170	*830 *1830	440 970	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	780 1720	*990 *2180	520 1150	*830 *1830	450 990	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1470 3240	*1460 *3220	780 1720	*940 *2070	520 1150	*830 *1830	480 1060	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1480 3260	*1330 *2930	780 1720			*810 *1790	530 1170	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1500 3310	*1090 *2400	790 1740			*770 *1700	620 1370	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

Note 1. Lifting capacity are based on ISO 10567.

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

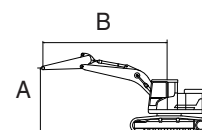
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









※ Please be aware of the local regulations and instructions for lifting operations.

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	860 1900	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	640 1410	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	540 1190	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	850 1870	*840 *1850	540 1190	*830 *1830	480 1060	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	830 1830	*870 *1920	530 1170	*830 *1830	450 990	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	800 1760	*910 *2010	520 1150	*830 *1830	430 950	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	780 1720	*960 *2120	510 1120	*830 *1830	420 930	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	760 1680	*990 *2180	500 1100	*830 *1830	420 930	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	750 1650	*990 *2180	500 1100	*830 *1830	430 950	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1410 3110	*1460 *3220	740 1630	*940 *2070	500 1100	*830 *1830	460 1010	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1420 3130	*1330 *2930	740 1630			*810 *1790	510 1120	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1430 3150	*1090 *2400	750 1650			*770 *1700	600 1320	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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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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.

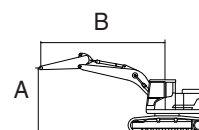
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	*960 *2120	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	740 1630	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	630 1390	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	620 1370	*830 *1830	560 1230	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	950 2090	*870 *1920	610 1340	*830 *1830	520 1150	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	920 2030	*910 *2010	610 1340	*830 *1830	500 1100	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	900 1980	*960 *2120	600 1320	*830 *1830	490 1080	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	880 1940	*990 *2180	590 1300	*830 *1830	490 1080	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	870 1920	*990 *2180	580 1280	*830 *1830	510 1120	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1630 3590	*1460 *3220	860 1900	*940 *2070	580 1280	*830 *1830	540 1190	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1640 3620	*1330 *2930	860 1900			*810 *1790	590 1300	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1660 3660	*1090 *2400	870 1920			*770 *1700	690 1520	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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.

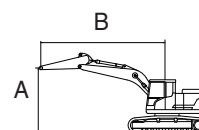
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	950 2090	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	710 1570	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	600 1320	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	600 1320	*830 *1830	540 1190	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	920 2030	*870 *1920	590 1300	*830 *1830	500 1100	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	890 1960	*910 *2010	580 1280	*830 *1830	480 1060	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	860 1900	*960 *2120	570 1260	*830 *1830	470 1040	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	840 1850	*990 *2180	560 1230	*830 *1830	470 1040	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	830 1830	*990 *2180	560 1230	*830 *1830	480 1060	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1570 3460	*1460 *3220	830 1830	*940 *2070	560 1230	*830 *1830	510 1120	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1580 3480	*1330 *2930	830 1830			*810 *1790	570 1260	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1590 3510	*1090 *2400	840 1850			*770 *1700	660 1460	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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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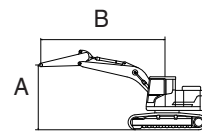
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	710 1570	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	570 1260	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	570 1260	*760 *1680	500 1100	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	560 1230	*750 *1650	450 990	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	870 1920	*790 *1740	560 1230	*750 *1650	420 930	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	840 1850	*850 *1870	540 1190	*750 *1650	400 880	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	810 1790	*910 *2010	530 1170	*750 *1650	400 880	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	790 1740	*960 *2120	520 1150	*760 *1680	400 880	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	770 1700	*980 *2160	510 1120	*760 *1680	410 900	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	1450 3200	*1480 *3260	760 1680	*970 *2140	510 1120	*760 *1680	430 950	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1450 3200	*1400 *3090	760 1680	*890 *1960	510 1120	*760 *1680	460 1010	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1470 3240	*1230 *2710	770 1700			*740 *1630	530 1170	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	1490 3280	*930 *2050	780 1720			*680 *1500	650 1430	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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

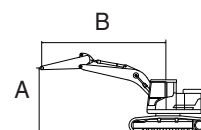
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※ Please be aware of the local regulations and instructions for lifting operations.

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	680 1500	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	550 1210	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	540 1190	*760 *1680	470 1040	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	540 1190	*750 *1650	430 950	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	840 1850	*790 *1740	530 1170	*750 *1650	400 880	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	810 1790	*850 *1870	520 1150	*750 *1650	380 840	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	780 1720	*910 *2010	510 1120	*750 *1650	380 840	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	750 1650	*960 *2120	500 1100	*760 *1680	380 840	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	740 1630	*980 *2160	490 1080	*760 *1680	390 860	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	1380 3040	*1480 *3260	730 1610	*970 *2140	480 1060	*760 *1680	410 900	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1390 3060	*1400 *3090	730 1610	*890 *1960	480 1060	*760 *1680	440 970	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1400 3090	*1230 *2710	730 1610			*740 *1630	500 1100	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	1420 3130	*930 *2050	750 1650			*680 *1500	620 1370	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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.

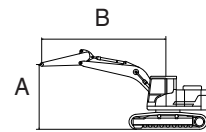
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※ Please be aware of the local regulations and instructions for lifting operations.

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	780 1720	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	630 1390	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	630 1390	*760 *1680	550 1210	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	620 1370	*750 *1650	500 1100	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	*930 *2050	*790 *1740	610 1340	*750 *1650	470 1040	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	930 2050	*850 *1870	600 1320	*750 *1650	450 990	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	900 1980	*910 *2010	590 1300	*750 *1650	440 970	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	880 1940	*960 *2120	580 1280	*760 *1680	440 970	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	860 1900	*980 *2160	570 1260	*760 *1680	450 990	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	1600 3530	*1480 *3260	850 1870	*970 *2140	570 1260	*760 *1680	480 1060	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1610 3550	*1400 *3090	850 1870	*890 *1960	570 1260	*760 *1680	520 1150	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1620 3570	*1230 *2710	850 1870			*740 *1630	590 1300	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	*1570 *3460	*930 *2050	870 1920			*680 *1500	*680 *1500	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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.

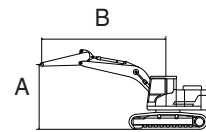
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	750 1650	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	610 1340	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	600 1320	*760 *1680	530 1170	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	600 1320	*750 *1650	480 1060	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	930 2050	*790 *1740	590 1300	*750 *1650	450 990	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	900 1980	*850 *1870	580 1280	*750 *1650	430 950	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	870 1920	*910 *2010	570 1260	*750 *1650	420 930	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	840 1850	*960 *2120	560 1230	*760 *1680	420 930	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	820 1810	*980 *2160	550 1210	*760 *1680	430 950	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	1540 3400	*1480 *3260	820 1810	*970 *2140	540 1190	*760 *1680	460 1010	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1550 3420	*1400 *3090	810 1790	*890 *1960	540 1190	*760 *1680	500 1100	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1560 3440	*1230 *2710	820 1810			*740 *1630	560 1230	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	*1570 *3460	*930 *2050	830 1830			*680 *1500	*680 *1500	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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

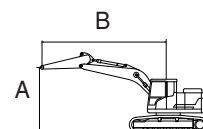
※ Please be aware of the local regulations and instructions for lifting operations.









▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

2) RUBBER TRACK WITH ANGLE DOZER BLADE

Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outrigger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	920 2030	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	690 1520	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	580 1280	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	910 2010	*840 *1850	580 1280	*830 *1830	520 1150	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	890 1960	*870 *1920	570 1260	*830 *1830	480 1060	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	860 1900	*910 *2010	560 1230	*830 *1830	460 1010	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	830 1830	*960 *2120	550 1210	*830 *1830	450 990	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	810 1790	*990 *2180	540 1190	*830 *1830	450 990	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	800 1760	*990 *2180	540 1190	*830 *1830	470 1040	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1510 3330	*1460 *3220	800 1760	*940 *2070	530 1170	*830 *1830	500 1100	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1520 3350	*1330 *2930	800 1760			*810 *1790	550 1210	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1540 3400	*1090 *2400	810 1790			*770 *1700	640 1410	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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.

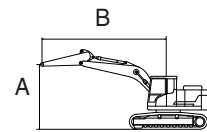
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Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	880 1940	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	660 1460	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	560 1230	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	870 1920	*840 *1850	550 1210	*830 *1830	500 1100	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	850 1870	*870 *1920	550 1210	*830 *1830	460 1010	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	820 1810	*910 *2010	540 1190	*830 *1830	440 970	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	800 1760	*960 *2120	530 1170	*830 *1830	430 950	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	780 1720	*990 *2180	520 1150	*830 *1830	430 950	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	770 1700	*990 *2180	510 1120	*830 *1830	450 990	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1450 3200	*1460 *3220	760 1680	*940 *2070	510 1120	*830 *1830	470 1040	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1460 3220	*1330 *2930	760 1680			*810 *1790	520 1150	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1470 3240	*1090 *2400	770 1700			*770 *1700	610 1340	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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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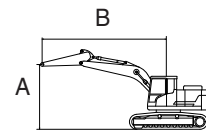
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Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	*960 *2120	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	760 1680	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	640 1410	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	640 1410	*830 *1830	570 1260	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	970 2140	*870 *1920	630 1390	*830 *1830	530 1170	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	950 2090	*910 *2010	620 1370	*830 *1830	510 1120	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	920 2030	*960 *2120	610 1340	*830 *1830	500 1100	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	900 1980	*990 *2180	600 1320	*830 *1830	500 1100	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	890 1960	*990 *2180	600 1320	*830 *1830	520 1150	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1670 3680	*1460 *3220	880 1940	*940 *2070	590 1300	*830 *1830	550 1210	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1680 3700	*1330 *2930	890 1960			*810 *1790	610 1340	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1690 3730	*1090 *2400	890 1960			*770 *1700	710 1570	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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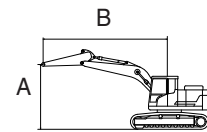
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Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	*960 *2120	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	730 1610	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	620 1370	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	610 1340	*830 *1830	550 1210	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	940 2070	*870 *1920	610 1340	*830 *1830	510 1120	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	910 2010	*910 *2010	600 1320	*830 *1830	490 1080	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	880 1940	*960 *2120	590 1300	*830 *1830	480 1060	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	860 1900	*990 *2180	580 1280	*830 *1830	480 1060	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	850 1870	*990 *2180	570 1260	*830 *1830	500 1100	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1610 3550	*1460 *3220	850 1870	*940 *2070	570 1260	*830 *1830	530 1170	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1610 3550	*1330 *2930	850 1870			*810 *1790	580 1280	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1630 3590	*1090 *2400	860 1900			*770 *1700	680 1500	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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

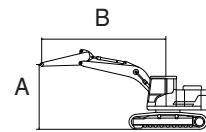
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Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m	kg									*810	730	3.46
(13.1 ft)	lb									*1790	1610	(11.4)
3.5 m	kg									*770	590	3.96
(11.5 ft)	lb									*1700	1300	(13.0)
3.0 m	kg							*740	580	*760	510	4.32
(9.8 ft)	lb							*1630	1280	*1680	1120	(14.2)
2.5 m	kg							*750	580	*750	460	4.57
(8.2 ft)	lb							*1650	1280	*1650	1010	(15.0)
2.0 m	kg					*930	900	*790	570	*750	430	4.74
(6.6 ft)	lb					*2050	1980	*1740	1260	*1650	950	(15.5)
1.5 m	kg					*1110	870	*850	560	*750	420	4.83
(4.9 ft)	lb					*2450	1920	*1870	1230	*1650	930	(15.9)
1.0 m	kg					*1290	840	*910	550	*750	410	4.86
(3.3 ft)	lb					*2840	1850	*2010	1210	*1650	900	(16.0)
0.5 m	kg					*1430	810	*960	540	*760	410	4.83
(1.6 ft)	lb					*3150	1790	*2120	1190	*1680	900	(15.8)
Ground Line	kg			*1130	*1130	*1490	790	*980	530	*760	420	4.73
	lb			*2490	*2490	*3280	1740	*2160	1170	*1680	930	(15.5)
-0.5 m	kg	*1040	*1040	*1610	1480	*1480	790	*970	520	*760	440	4.55
(-1.6 ft)	lb	*2290	*2290	*3550	3260	*3260	1740	*2140	1150	*1680	970	(14.9)
-1.0 m	kg	*1460	*1460	*2210	1490	*1400	780	*890	520	*760	480	4.30
(-3.3 ft)	lb	*3220	*3220	*4870	3280	*3090	1720	*1960	1150	*1680	1060	(14.1)
-1.5 m	kg	*1950	*1950	*2110	1500	*1230	790			*740	540	3.94
(-4.9 ft)	lb	*4300	*4300	*4650	3310	*2710	1740			*1630	1190	(12.9)
-2.0 m	kg			*1570	1530	*930	800			*680	670	3.43
(-6.6 ft)	lb			*3460	3370	*2050	1760			*1500	1480	(11.2)
-2.5 m	kg			*730	*730					*480	*480	2.63
(-8.2 ft)	lb			*1610	*1610					*1060	*1060	(8.6)

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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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.

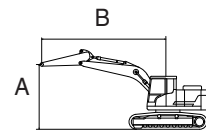
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Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m	kg									*810	700	3.46
(13.1 ft)	lb									*1790	1540	(11.4)
3.5 m	kg									*770	560	3.96
(11.5 ft)	lb									*1700	1230	(13.0)
3.0 m	kg							*740	560	*760	490	4.32
(9.8 ft)	lb							*1630	1230	*1680	1080	(14.2)
2.5 m	kg							*750	550	*750	440	4.57
(8.2 ft)	lb							*1650	1210	*1650	970	(15.0)
2.0 m	kg					*930	860	*790	550	*750	410	4.74
(6.6 ft)	lb					*2050	1900	*1740	1210	*1650	900	(15.5)
1.5 m	kg					*1110	830	*850	540	*750	400	4.83
(4.9 ft)	lb					*2450	1830	*1870	1190	*1650	880	(15.9)
1.0 m	kg					*1290	800	*910	520	*750	390	4.86
(3.3 ft)	lb					*2840	1760	*2010	1150	*1650	860	(16.0)
0.5 m	kg					*1430	780	*960	510	*760	390	4.83
(1.6 ft)	lb					*3150	1720	*2120	1120	*1680	860	(15.8)
Ground Line	kg			*1130	*1130	*1490	760	*980	500	*760	400	4.73
	lb			*2490	*2490	*3280	1680	*2160	1100	*1680	880	(15.5)
-0.5 m	kg	*1040	*1040	*1610	1420	*1480	750	*970	500	*760	420	4.55
(-1.6 ft)	lb	*2290	*2290	*3550	3130	*3260	1650	*2140	1100	*1680	930	(14.9)
-1.0 m	kg	*1460	*1460	*2210	1430	*1400	750	*890	500	*760	450	4.30
(-3.3 ft)	lb	*3220	*3220	*4870	3150	*3090	1650	*1960	1100	*1680	990	(14.1)
-1.5 m	kg	*1950	*1950	*2110	1440	*1230	750			*740	520	3.94
(-4.9 ft)	lb	*4300	*4300	*4650	3170	*2710	1650			*1630	1150	(12.9)
-2.0 m	kg			*1570	1460	*930	770			*680	640	3.43
(-6.6 ft)	lb			*3460	3220	*2050	1700			*1500	1410	(11.2)
-2.5 m	kg			*730	*730					*480	*480	2.63
(-8.2 ft)	lb			*1610	*1610					*1060	*1060	(8.6)

Note 1. Lifting capacity are based on ISO 10567.

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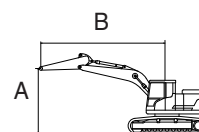
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




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Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	800 1760	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	650 1430	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	640 1410	*760 *1680	560 1230	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	640 1410	*750 *1650	510 1120	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	*930 *2050	*790 *1740	630 1390	*750 *1650	480 1060	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	950 2090	*850 *1870	620 1370	*750 *1650	460 1010	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	920 2030	*910 *2010	610 1340	*750 *1650	450 990	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	900 1980	*960 *2120	600 1320	*760 *1680	460 1010	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	880 1940	*980 *2160	590 1300	*760 *1680	470 1040	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	*1610 *3550	*1480 *3260	870 1920	*970 *2140	580 1280	*760 *1680	490 1080	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1650 3640	*1400 *3090	870 1920	*890 *1960	580 1280	*760 *1680	530 1170	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1660 3660	*1230 *2710	880 1940			*740 *1630	600 1320	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	*1570 *3460	*930 *2050	890 1960			*680 *1500	*680 *1500	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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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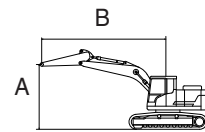
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Model	Type	Boom	Arm	Counterweight	Rubber shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	770 1700	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	620 1370	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	620 1370	*760 *1680	540 1190	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	610 1340	*750 *1650	490 1080	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	*930 *2050	*790 *1740	610 1340	*750 *1650	460 1010	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	920 2030	*850 *1870	590 1300	*750 *1650	440 970	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	890 1960	*910 *2010	580 1280	*750 *1650	440 970	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	860 1900	*960 *2120	570 1260	*760 *1680	440 970	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	850 1870	*980 *2160	560 1230	*760 *1680	450 990	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	1580 3480	*1480 *3260	840 1850	*970 *2140	560 1230	*760 *1680	470 1040	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1580 3480	*1400 *3090	840 1850	*890 *1960	560 1230	*760 *1680	510 1120	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1600 3530	*1230 *2710	840 1850			*740 *1630	580 1280	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	*1570 *3460	*930 *2050	850 1870			*680 *1500	*680 *1500	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

Note 1. Lifting capacity are based on ISO 10567.

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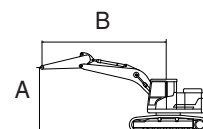
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3) STEEL TRACK WITH DOZER BLADE

Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outrigger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	920 2030	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	690 1520	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	580 1280	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	910 2010	*840 *1850	580 1280	*830 *1830	520 1150	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	890 1960	*870 *1920	570 1260	*830 *1830	480 1060	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	860 1900	*910 *2010	560 1230	*830 *1830	460 1010	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	830 1830	*960 *2120	550 1210	*830 *1830	450 990	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	820 1810	*990 *2180	540 1190	*830 *1830	450 990	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	800 1760	*990 *2180	540 1190	*830 *1830	470 1040	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1520 3350	*1460 *3220	800 1760	*940 *2070	540 1190	*830 *1830	500 1100	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1520 3350	*1330 *2930	800 1760			*810 *1790	550 1210	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1540 3400	*1090 *2400	810 1790			*770 *1700	640 1410	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

Note 1. Lifting capacity are based on ISO 10567.

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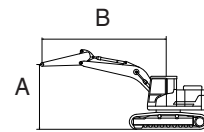
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	880 1940	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	660 1460	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	560 1230	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	880 1940	*840 *1850	550 1210	*830 *1830	500 1100	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	850 1870	*870 *1920	550 1210	*830 *1830	460 1010	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	830 1830	*910 *2010	540 1190	*830 *1830	440 970	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	800 1760	*960 *2120	530 1170	*830 *1830	430 950	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	780 1720	*990 *2180	520 1150	*830 *1830	430 950	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	770 1700	*990 *2180	510 1120	*830 *1830	450 990	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1450 3200	*1460 *3220	760 1680	*940 *2070	510 1120	*830 *1830	470 1040	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1460 3220	*1330 *2930	770 1700			*810 *1790	520 1150	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1480 3260	*1090 *2400	780 1720			*770 *1700	610 1340	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

Note 1. Lifting capacity are based on ISO 10567.

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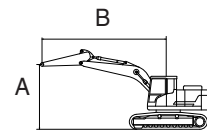
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	*960 *2120	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	760 1680	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	640 1410	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	640 1410	*830 *1830	580 1280	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	980 2160	*870 *1920	630 1390	*830 *1830	540 1190	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	950 2090	*910 *2010	620 1370	*830 *1830	510 1120	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	920 2030	*960 *2120	610 1340	*830 *1830	500 1100	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	900 1980	*990 *2180	600 1320	*830 *1830	510 1120	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	890 1960	*990 *2180	600 1320	*830 *1830	520 1150	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1670 3680	*1460 *3220	890 1960	*940 *2070	600 1320	*830 *1830	550 1210	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1680 3700	*1330 *2930	890 1960			*810 *1790	610 1340	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1700 3750	*1090 *2400	900 1980			*770 *1700	710 1570	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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.

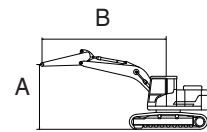
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









※ Please be aware of the local regulations and instructions for lifting operations.

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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	*960 *2120	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	730 1610	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	620 1370	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	610 1340	*830 *1830	550 1210	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	940 2070	*870 *1920	610 1340	*830 *1830	510 1120	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	910 2010	*910 *2010	600 1320	*830 *1830	490 1080	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	890 1960	*960 *2120	590 1300	*830 *1830	480 1060	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	870 1920	*990 *2180	580 1280	*830 *1830	480 1060	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	860 1900	*990 *2180	570 1260	*830 *1830	500 1100	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1610 3550	*1460 *3220	850 1870	*940 *2070	570 1260	*830 *1830	530 1170	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1620 3570	*1330 *2930	850 1870			*810 *1790	580 1280	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1630 3590	*1090 *2400	860 1900			*770 *1700	680 1500	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

Note 1. Lifting capacity are based on ISO 10567.

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

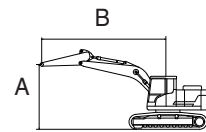
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	730 1610	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	590 1300	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	580 1280	*760 *1680	510 1120	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	580 1280	*750 *1650	460 1010	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	900 1980	*790 *1740	570 1260	*750 *1650	430 950	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	870 1920	*850 *1870	560 1230	*750 *1650	420 930	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	840 1850	*910 *2010	550 1210	*750 *1650	410 900	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	810 1790	*960 *2120	540 1190	*760 *1680	410 900	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	800 1760	*980 *2160	530 1170	*760 *1680	420 930	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	1490 3280	*1480 *3260	790 1740	*970 *2140	520 1150	*760 *1680	440 970	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1490 3280	*1400 *3090	790 1740	*890 *1960	520 1150	*760 *1680	480 1060	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1510 3330	*1230 *2710	790 1740			*740 *1630	540 1190	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	1530 3370	*930 *2050	800 1760			*680 *1500	670 1480	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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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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.

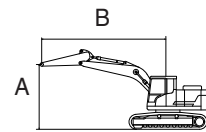
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m	kg									*810	700	3.46
(13.1 ft)	lb									*1790	1540	(11.4)
3.5 m	kg									*770	560	3.96
(11.5 ft)	lb									*1700	1230	(13.0)
3.0 m	kg							*740	560	*760	490	4.32
(9.8 ft)	lb							*1630	1230	*1680	1080	(14.2)
2.5 m	kg							*750	560	*750	440	4.57
(8.2 ft)	lb							*1650	1230	*1650	970	(15.0)
2.0 m	kg					*930	860	*790	550	*750	410	4.74
(6.6 ft)	lb					*2050	1900	*1740	1210	*1650	900	(15.5)
1.5 m	kg					*1110	830	*850	540	*750	400	4.83
(4.9 ft)	lb					*2450	1830	*1870	1190	*1650	880	(15.9)
1.0 m	kg					*1290	800	*910	520	*750	390	4.86
(3.3 ft)	lb					*2840	1760	*2010	1150	*1650	860	(16.0)
0.5 m	kg					*1430	780	*960	510	*760	390	4.83
(1.6 ft)	lb					*3150	1720	*2120	1120	*1680	860	(15.8)
Ground Line	kg			*1130	*1130	*1490	760	*980	510	*760	400	4.73
	lb			*2490	*2490	*3280	1680	*2160	1120	*1680	880	(15.5)
-0.5 m	kg	*1040	*1040	*1610	1420	*1480	750	*970	500	*760	420	4.55
(-1.6 ft)	lb	*2290	*2290	*3550	3130	*3260	1650	*2140	1100	*1680	930	(14.9)
-1.0 m	kg	*1460	*1460	*2210	1430	*1400	750	*890	500	*760	460	4.30
(-3.3 ft)	lb	*3220	*3220	*4870	3150	*3090	1650	*1960	1100	*1680	1010	(14.1)
-1.5 m	kg	*1950	*1950	*2110	1440	*1230	760			*740	520	3.94
(-4.9 ft)	lb	*4300	*4300	*4650	3170	*2710	1680			*1630	1150	(12.9)
-2.0 m	kg			*1570	1470	*930	770			*680	640	3.43
(-6.6 ft)	lb			*3460	3240	*2050	1700			*1500	1410	(11.2)
-2.5 m	kg			*730	*730					*480	*480	2.63
(-8.2 ft)	lb			*1610	*1610					*1060	*1060	(8.6)

Note 1. Lifting capacity are based on ISO 10567.

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

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



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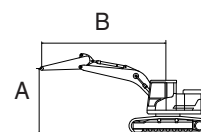
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	800 1760	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	650 1430	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	640 1410	*760 *1680	560 1230	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	640 1410	*750 *1650	510 1120	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	*930 *2050	*790 *1740	630 1390	*750 *1650	480 1060	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	950 2090	*850 *1870	620 1370	*750 *1650	460 1010	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	920 2030	*910 *2010	610 1340	*750 *1650	460 1010	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	900 1980	*960 *2120	600 1320	*760 *1680	460 1010	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	880 1940	*980 *2160	590 1300	*760 *1680	470 1040	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	*1610 *3550	*1480 *3260	870 1920	*970 *2140	580 1280	*760 *1680	490 1080	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1650 3640	*1400 *3090	870 1920	*890 *1960	580 1280	*760 *1680	530 1170	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1670 3680	*1230 *2710	880 1940			*740 *1630	600 1320	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	*1570 *3460	*930 *2050	890 1960			*680 *1500	*680 *1500	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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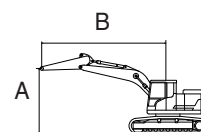
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
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outrigger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	770 1700	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	620 1370	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	620 1370	*760 *1680	540 1190	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	620 1370	*750 *1650	490 1080	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	*930 *2050	*790 *1740	610 1340	*750 *1650	460 1010	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	920 2030	*850 *1870	600 1320	*750 *1650	440 970	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	890 1960	*910 *2010	580 1280	*750 *1650	440 970	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	860 1900	*960 *2120	570 1260	*760 *1680	440 970	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	850 1870	*980 *2160	570 1260	*760 *1680	450 990	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	1580 3480	*1480 *3260	840 1850	*970 *2140	560 1230	*760 *1680	470 1040	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1590 3510	*1400 *3090	840 1850	*890 *1960	560 1230	*760 *1680	510 1120	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1600 3530	*1230 *2710	840 1850			*740 *1630	580 1280	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	*1570 *3460	*930 *2050	850 1870			*680 *1500	*680 *1500	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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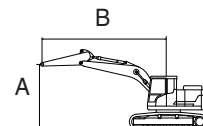
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4) STEEL TRACK WITH ANGLE DOZER BLADE

Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outrigger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	940 2070	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	710 1570	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	600 1320	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	590 1300	*830 *1830	530 1170	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	910 2010	*870 *1920	590 1300	*830 *1830	500 1100	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	880 1940	*910 *2010	580 1280	*830 *1830	480 1060	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	860 1900	*960 *2120	570 1260	*830 *1830	470 1040	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	840 1850	*990 *2180	560 1230	*830 *1830	470 1040	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	830 1830	*990 *2180	550 1210	*830 *1830	480 1060	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1550 3420	*1460 *3220	820 1810	*940 *2070	550 1210	*830 *1830	510 1120	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1560 3440	*1330 *2930	820 1810			*810 *1790	560 1230	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1580 3480	*1090 *2400	830 1830			*770 *1700	660 1460	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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.

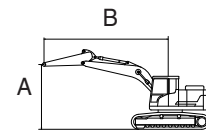
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※ Please be aware of the local regulations and instructions for lifting operations.

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	910 2010	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	680 1500	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	570 1260	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	900 1980	*840 *1850	570 1260	*830 *1830	510 1120	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	880 1940	*870 *1920	560 1230	*830 *1830	480 1060	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	850 1870	*910 *2010	550 1210	*830 *1830	450 990	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	820 1810	*960 *2120	540 1190	*830 *1830	450 990	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	800 1760	*990 *2180	530 1170	*830 *1830	450 990	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	790 1740	*990 *2180	530 1170	*830 *1830	460 1010	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1490 3280	*1460 *3220	790 1740	*940 *2070	530 1170	*830 *1830	490 1080	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1500 3310	*1330 *2930	790 1740			*810 *1790	540 1190	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1520 3350	*1090 *2400	800 1760			*770 *1700	630 1390	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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.

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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.

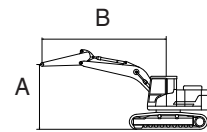
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	*960 *2120	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	780 1720	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	660 1460	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	650 1430	*830 *1830	590 1300	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	1000 2200	*870 *1920	650 1430	*830 *1830	550 1210	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	970 2140	*910 *2010	640 1410	*830 *1830	530 1170	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	940 2070	*960 *2120	630 1390	*830 *1830	520 1150	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	920 2030	*990 *2180	620 1370	*830 *1830	520 1150	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	910 2010	*990 *2180	610 1340	*830 *1830	530 1170	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1710 3770	*1460 *3220	910 2010	*940 *2070	610 1340	*830 *1830	570 1260	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1720 3790	*1330 *2930	910 2010			*810 *1790	620 1370	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1740 3840	*1090 *2400	920 2030			*770 *1700	730 1610	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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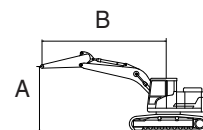
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1300	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)						At max. reach		
		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
										m (ft)
4.0 m (13.1 ft)	kg lb							*960 *2120	*960 *2120	2.99 (9.8)
3.5 m (11.5 ft)	kg lb							*880 *1940	750 1650	3.58 (11.8)
3.0 m (9.8 ft)	kg lb							*850 *1870	630 1390	3.98 (13.1)
2.5 m (8.2 ft)	kg lb			*930 *2050	*930 *2050	*840 *1850	630 1390	*830 *1830	570 1260	4.26 (14.0)
2.0 m (6.6 ft)	kg lb			*1070 *2360	960 2120	*870 *1920	620 1370	*830 *1830	530 1170	4.44 (14.6)
1.5 m (4.9 ft)	kg lb			*1240 *2730	930 2050	*910 *2010	610 1340	*830 *1830	510 1120	4.54 (14.9)
1.0 m (3.3 ft)	kg lb			*1400 *3090	910 2010	*960 *2120	600 1320	*830 *1830	500 1100	4.58 (15.0)
0.5 m (1.6 ft)	kg lb			*1490 *3280	890 1960	*990 *2180	590 1300	*830 *1830	500 1100	4.54 (14.9)
Ground Line	kg lb			*1510 *3330	880 1940	*990 *2180	590 1300	*830 *1830	510 1120	4.43 (14.5)
-0.5 m (-1.6 ft)	kg lb	*1770 *3900	1650 3640	*1460 *3220	870 1920	*940 *2070	590 1300	*830 *1830	540 1190	4.24 (13.9)
-1.0 m (-3.3 ft)	kg lb	*2190 *4830	1660 3660	*1330 *2930	870 1920			*810 *1790	600 1320	3.96 (13.0)
-1.5 m (-4.9 ft)	kg lb	*1760 *3880	1670 3680	*1090 *2400	880 1940			*770 *1700	700 1540	3.55 (11.7)
-2.0 m (-6.6 ft)	kg lb	*1100 *2430	*1100 *2430					*640 *1410	*640 *1410	2.94 (9.6)

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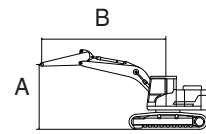
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




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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	750 1650	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	600 1320	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	600 1320	*760 *1680	520 1150	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	590 1300	*750 *1650	480 1060	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	920 2030	*790 *1740	590 1300	*750 *1650	450 990	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	890 1960	*850 *1870	580 1280	*750 *1650	430 950	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	860 1900	*910 *2010	560 1230	*750 *1650	420 930	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	830 1830	*960 *2120	550 1210	*760 *1680	420 930	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	820 1810	*980 *2160	540 1190	*760 *1680	430 950	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	1530 3370	*1480 *3260	810 1790	*970 *2140	540 1190	*760 *1680	450 990	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1530 3370	*1400 *3090	810 1790	*890 *1960	540 1190	*760 *1680	490 1080	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1550 3420	*1230 *2710	810 1790			*740 *1630	560 1230	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	1570 3460	*930 *2050	830 1830			*680 *1500	*680 *1500	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

Note 1. Lifting capacity are based on ISO 10567.

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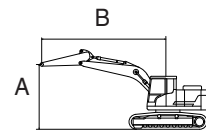
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	410	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m	kg									*810	720	3.46
(13.1 ft)	lb									*1790	1590	(11.4)
3.5 m	kg									*770	580	3.96
(11.5 ft)	lb									*1700	1280	(13.0)
3.0 m	kg							*740	570	*760	500	4.32
(9.8 ft)	lb							*1630	1260	*1680	1100	(14.2)
2.5 m	kg							*750	570	*750	460	4.57
(8.2 ft)	lb							*1650	1260	*1650	1010	(15.0)
2.0 m	kg					*930	880	*790	560	*750	430	4.74
(6.6 ft)	lb					*2050	1940	*1740	1230	*1650	950	(15.5)
1.5 m	kg					*1110	860	*850	550	*750	410	4.83
(4.9 ft)	lb					*2450	1900	*1870	1210	*1650	900	(15.9)
1.0 m	kg					*1290	820	*910	540	*750	400	4.86
(3.3 ft)	lb					*2840	1810	*2010	1190	*1650	880	(16.0)
0.5 m	kg					*1430	800	*960	530	*760	400	4.83
(1.6 ft)	lb					*3150	1760	*2120	1170	*1680	880	(15.8)
Ground Line	kg			*1130	*1130	*1490	780	*980	520	*760	410	4.73
	lb			*2490	*2490	*3280	1720	*2160	1150	*1680	900	(15.5)
-0.5 m	kg	*1040	*1040	*1610	1460	*1480	770	*970	520	*760	430	4.55
(-1.6 ft)	lb	*2290	*2290	*3550	3220	*3260	1700	*2140	1150	*1680	950	(14.9)
-1.0 m	kg	*1460	*1460	*2210	1470	*1400	770	*890	520	*760	470	4.30
(-3.3 ft)	lb	*3220	*3220	*4870	3240	*3090	1700	*1960	1150	*1680	1040	(14.1)
-1.5 m	kg	*1950	*1950	*2110	1480	*1230	780			*740	530	3.94
(-4.9 ft)	lb	*4300	*4300	*4650	3260	*2710	1720			*1630	1170	(12.9)
-2.0 m	kg			*1570	1510	*930	790			*680	660	3.43
(-6.6 ft)	lb			*3460	3330	*2050	1740			*1500	1460	(11.2)
-2.5 m	kg			*730	*730					*480	*480	2.63
(-8.2 ft)	lb			*1610	*1610					*1060	*1060	(8.6)

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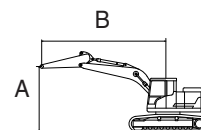
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Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Cab	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m (13.1 ft)	kg lb									*810 *1790	*810 *1790	3.46 (11.4)
3.5 m (11.5 ft)	kg lb									*770 *1700	660 1460	3.96 (13.0)
3.0 m (9.8 ft)	kg lb							*740 *1630	660 1460	*760 *1680	580 1280	4.32 (14.2)
2.5 m (8.2 ft)	kg lb							*750 *1650	650 1430	*750 *1650	530 1170	4.57 (15.0)
2.0 m (6.6 ft)	kg lb					*930 *2050	*930 *2050	*790 *1740	650 1430	*750 *1650	490 1080	4.74 (15.5)
1.5 m (4.9 ft)	kg lb					*1110 *2450	980 2160	*850 *1870	630 1390	*750 *1650	480 1060	4.83 (15.9)
1.0 m (3.3 ft)	kg lb					*1290 *2840	950 2090	*910 *2010	620 1370	*750 *1650	470 1040	4.86 (16.0)
0.5 m (1.6 ft)	kg lb					*1430 *3150	920 2030	*960 *2120	610 1340	*760 *1680	470 1040	4.83 (15.8)
Ground Line	kg lb			*1130 *2490	*1130 *2490	*1490 *3280	900 1980	*980 *2160	600 1320	*760 *1680	480 1060	4.73 (15.5)
-0.5 m (-1.6 ft)	kg lb	*1040 *2290	*1040 *2290	*1610 *3550	*1610 *3550	*1480 *3260	900 1980	*970 *2140	600 1320	*760 *1680	500 1100	4.55 (14.9)
-1.0 m (-3.3 ft)	kg lb	*1460 *3220	*1460 *3220	*2210 *4870	1690 3730	*1400 *3090	890 1960	*890 *1960	600 1320	*760 *1680	550 1210	4.30 (14.1)
-1.5 m (-4.9 ft)	kg lb	*1950 *4300	*1950 *4300	*2110 *4650	1700 3750	*1230 *2710	900 1980			*740 *1630	620 1370	3.94 (12.9)
-2.0 m (-6.6 ft)	kg lb			*1570 *3460	*1570 *3460	*930 *2050	910 2010			*680 *1500	*680 *1500	3.43 (11.2)
-2.5 m (-8.2 ft)	kg lb			*730 *1610	*730 *1610					*480 *1060	*480 *1060	2.63 (8.6)

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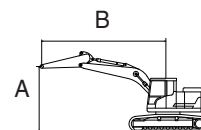
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











※ Please be aware of the local regulations and instructions for lifting operations.

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Steel shoe	Wheel	Dozer		Outtriger	
HX35A Z	Canopy	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		2400	1600	560	300	-	Down	-	-	-

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



Load point height (A)		Load radius (B)								At max. reach		
		1.0 m (3.3 ft)		2.0 m (6.6 ft)		3.0 m (9.8 ft)		4.0 m (13.1 ft)		Capacity		Reach
												m (ft)
4.0 m	kg									*810	790	3.46
(13.1 ft)	lb									*1790	1740	(11.4)
3.5 m	kg									*770	640	3.96
(11.5 ft)	lb									*1700	1410	(13.0)
3.0 m	kg							*740	630	*760	560	4.32
(9.8 ft)	lb							*1630	1390	*1680	1230	(14.2)
2.5 m	kg							*750	630	*750	510	4.57
(8.2 ft)	lb							*1650	1390	*1650	1120	(15.0)
2.0 m	kg					*930	*930	*790	620	*750	480	4.74
(6.6 ft)	lb					*2050	*2050	*1740	1370	*1650	1060	(15.5)
1.5 m	kg					*1110	940	*850	610	*750	460	4.83
(4.9 ft)	lb					*2450	2070	*1870	1340	*1650	1010	(15.9)
1.0 m	kg					*1290	910	*910	600	*750	450	4.86
(3.3 ft)	lb					*2840	2010	*2010	1320	*1650	990	(16.0)
0.5 m	kg					*1430	890	*960	590	*760	450	4.83
(1.6 ft)	lb					*3150	1960	*2120	1300	*1680	990	(15.8)
Ground Line	kg			*1130	*1130	*1490	870	*980	580	*760	460	4.73
	lb			*2490	*2490	*3280	1920	*2160	1280	*1680	1010	(15.5)
-0.5 m	kg	*1040	*1040	*1610	*1610	*1480	860	*970	580	*760	480	4.55
(-1.6 ft)	lb	*2290	*2290	*3550	*3550	*3260	1900	*2140	1280	*1680	1060	(14.9)
-1.0 m	kg	*1460	*1460	*2210	1630	*1400	860	*890	580	*760	520	4.30
(-3.3 ft)	lb	*3220	*3220	*4870	3590	*3090	1900	*1960	1280	*1680	1150	(14.1)
-1.5 m	kg	*1950	*1950	*2110	1640	*1230	860			*740	590	3.94
(-4.9 ft)	lb	*4300	*4300	*4650	3620	*2710	1900			*1630	1300	(12.9)
-2.0 m	kg			*1570	*1570	*930	880			*680	*680	3.43
(-6.6 ft)	lb			*3460	*3460	*2050	1940			*1500	*1500	(11.2)
-2.5 m	kg			*730	*730					*480	*480	2.63
(-8.2 ft)	lb			*1610	*1610					*1060	*1060	(8.6)

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.

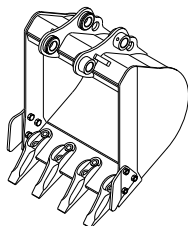
The difference between the weight of a work tool attachment must be subtracted.

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

※ Please be aware of the local regulations and instructions for lifting operations.

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

6. BUCKET SELECTION GUIDE



0.11 m³
SAE heaped bucket

Capacity		Width		Weight	Recommendation	
					2.4 m (7' 0") boom	
SAE heaped	CECE heaped	Without side cutter	With side cutter		1.3 m (4' 3") arm	1.6 m (5' 3") arm
0.11 m ³ (0.14 yd ³)	0.09 m ³ (0.12 yd ³)	500 mm (19.7")	611 mm (24.0")	87 kg (192 lb)	●	●
0.11 m ³ (0.14 yd ³)	0.09 m ³ (0.12 yd ³)	510 mm (20.1")	606 mm (24.0")	88 kg (194 lb)	●	●

● Applicable for materials with density of 2100 kg/m³ (3500 lb/yd³) 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.

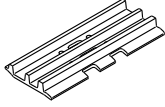
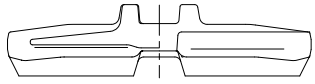
Consult with your local HD Hyundai Construction Equipment dealer for information on selecting the correct boom-arm-bucket combination.

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 double grousers.

(2) TYPES OF SHOES

Model	Shapes		Steel triple grouser	Rubber track
				
HX35A Z	Shoe width	mm (in)	300 (12")	300 (12")
	Operating weight	kg (lb)	3790 (8360)	3920 (8640)
	Ground pressure	kgf/cm ² (psi)	0.35 (5.01)	0.36 (5.03)
	Overall width	mm (ft-in)	1740 (5' 9")	1740 (5' 9")

(3) NUMBER OF ROLLERS AND SHOES ON EACH SIDE

Item	Quantity
Carrier rollers	1EA
Track rollers	4EA
Track shoes (steel grouser)	44EA

8. SPECIFICATIONS FOR MAJOR COMPONENTS

1) ENGINE

Item	Specification
Model	Kubota D1703-M-DI-E4B
Type	Vertical, water cooled 4-cycle, DI diesel engine
Cooling method	Water cooling
Number of cylinders and arrangement	3 cylinders, in-line
Firing order	1-3-2
Combustion chamber type	Reentrant type (direct Injection)
Cylinder bore × stroke	87.0 × 92.4 mm (3.43" × 3.64")
Piston displacement	1647 cc (101 cu in)
Compression ratio	20.0 : 1
Rated gross horse power (SAE J1995)	24.8 hp (18.5 kW)
Rated net horse power (SAE J1995)	23.9 hp (17.8 kW)
Maximum torque at 1320 rpm	9.9 kgf · m (72 lbf · ft)
Engine oil quantity	7.0 ℓ (1.8 U.S. gal)
Dry weight	148 kg (326 lb)
Starting motor	12V-1.2 kW
Alternator	12V-30 A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 17 cc/rev
Maximum pressure	230 kgf/cm ² (3270 psi)
Rated oil flow	2 × 37.4 ℓ/min (2 × 9.9 U.S. gpm / 2 × 8.2 U.K. gpm)
Rated speed	2200 rpm

3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	10.5/4.5 cc/rev
Maximum pressure	205/40 kgf/cm ² (2920/570 psi)
Rated oil flow	23.1/9.9 ℓ /min (6.1/2.6 U.S. gpm / 5.1/2.2 U.K. gpm)

4) MAIN CONTROL VALVE

Item	Specification
Type	Sectional, 10 spools
Operating method	Hydraulic pilot system
Main relief valve pressure	240 kgf/cm ² (3414 psi)
Overload relief valve pressure	260 kgf/cm ² (3699 psi)

5) SWING MOTOR

Item	Specification
Type	Fixed displacement axial piston motor
Capacity	22 cc/rev
Relief pressure	210 kgf/cm ² (2990 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	142.1 kgf · m (1028 lbf · ft)
Brake release pressure	20~65 kgf/cm ² (284~925 psi)
Reduction gear type	2 - stage planetary

6) TRAVEL MOTOR

Item	Specification
Type	Two fixed displacement axial piston motor
Relief pressure	230 kgf/cm ² (3270 psi)
Reduction gear type	2-stage planetary
Braking system	Automatic, spring applied hydraulic released
Brake release pressure	9.7 kgf/cm ² (138 psi)
Braking torque	4.9 kgf · m (71.6 lbf · ft)

7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Rod dia × Stroke	Ø85 × Ø45 × 537 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Rod dia × Stroke	Ø80 × Ø45 × 549 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Rod dia × Stroke	Ø70 × Ø45 × 520 mm
	Cushion	-
Boom swing cylinder	Bore dia × Rod dia × Stroke	Ø80 × Ø45 × 401 mm
	Cushion	-
Dozer cylinder	Bore dia × Rod dia × Stroke	Ø95 × Ø50 × 152 mm
	Cushion	-
Angle dozer cylinder	Bore dia × Rod dia × Stroke	Ø100 × Ø55 × 152 mm
	Cushion	-
Angle swing cylinder	Bore dia × Rod dia × Stroke	Ø55 × Ø30 × 331 mm
	Cushion	-

※ 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) BUCKET

Item	Capacity		Tooth quantity	Width	
	SAE heaped	CECE heaped		Without side cutter	With side cutter
STD (korea)	0.11 m ³ (0.14 yd ³)	0.09 m ³ (0.12 yd ³)	4	500 mm (19.7")	611 mm (24.0")
STD (except korea)	0.11 m ³ (0.14 yd ³)	0.09 m ³ (0.12 yd ³)	4	510 mm (20.1")	606 mm (24.0")

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	7 (1.85)	★SAE 5W-40								
								SAE 30			
								SAE 10W			
								SAE 10W-30			
								SAE 15W-40			
Final drive	Gear oil	0.6×2 (0.16×2)	★SAE 75W-90								
								SAE 85W-140			
Hydraulic tank	Hydraulic oil	Tank: 36 (9.5)	★ISO VG 15								
		System: 63 (16.6)						ISO VG 46			
								ISO VG 68			
Fuel tank	Diesel fuel★ ¹	46.8 (12.4)	★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★ ²	9.5 (2.5)	Ethylene glycol base permanent type (50 : 50)								
			★Ethylene glycol base permanent type (60 : 40)								

※ 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 your local HD Hyundai Construction Equipment dealer.

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 : Ultra low sulfur diesel

- sulfur content ≤ 10 ppm

★² : Soft water

City water or distilled water