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SECTION 1 GENERAL

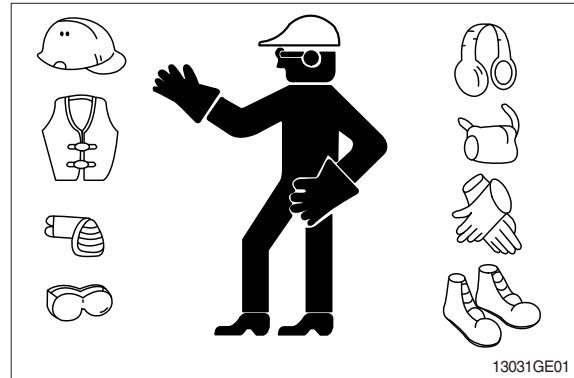
GROUP 1 SAFETY

FOLLOW SAFE PROCEDURE

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

WEAR PROTECTIVE CLOTHING

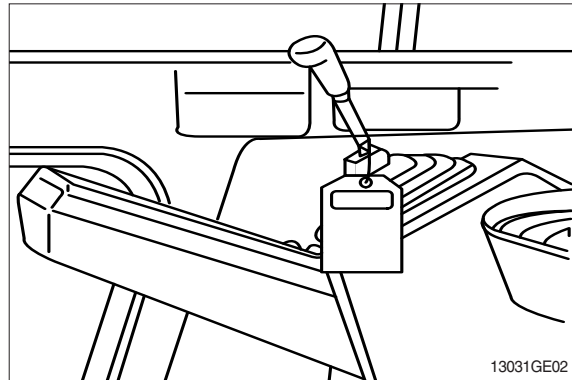
Wear close fitting clothing and safety equipment appropriate to the job.



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.



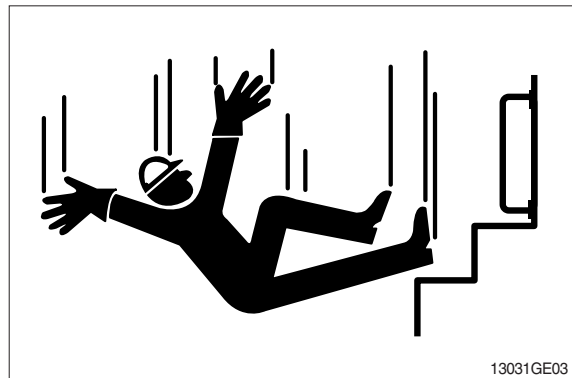
USE HANDHOLDS AND STEPS

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.

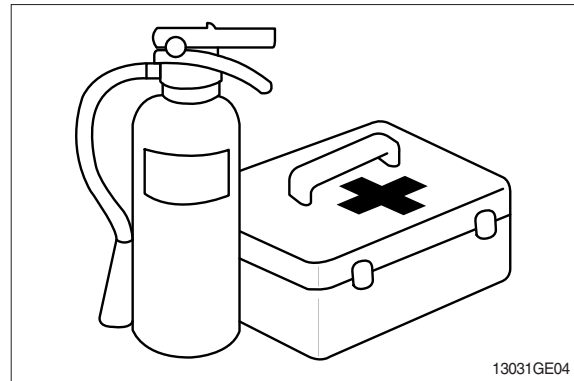


PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

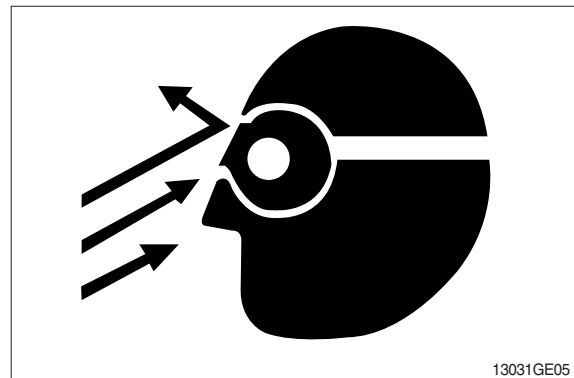
Keep a first aid kit and fire extinguisher handy.

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



PROTECT AGAINST FLYING DEBRIS

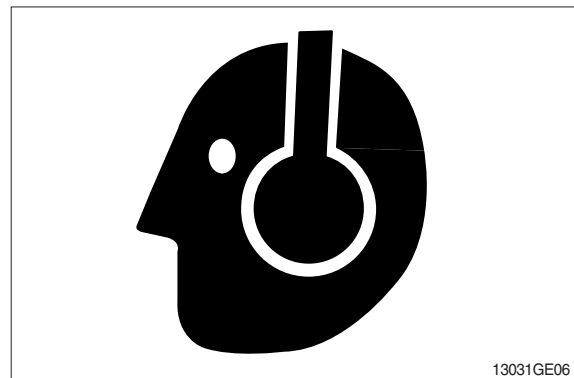
Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



PROTECT AGAINST NOISE

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

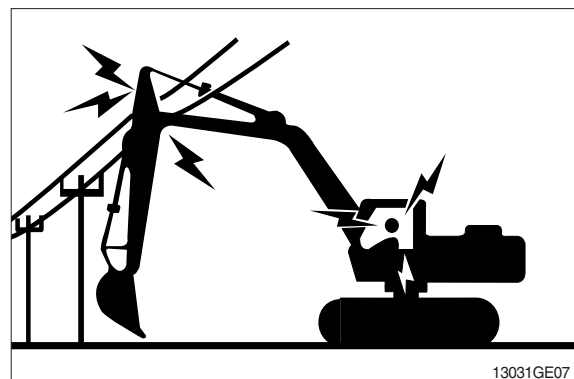
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



AVOID POWER LINES

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

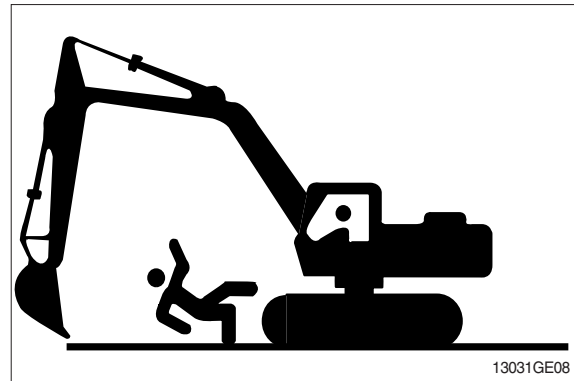
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



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.

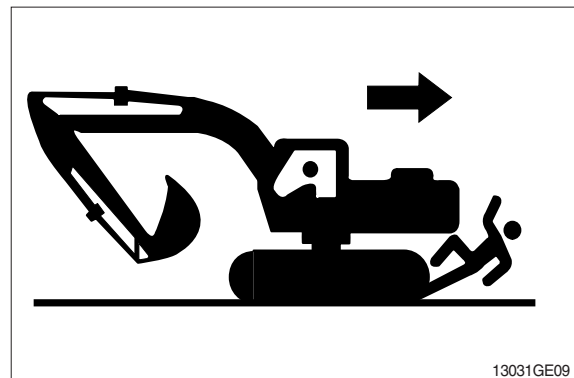


MOVE AND OPERATE MACHINE SAFELY

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:

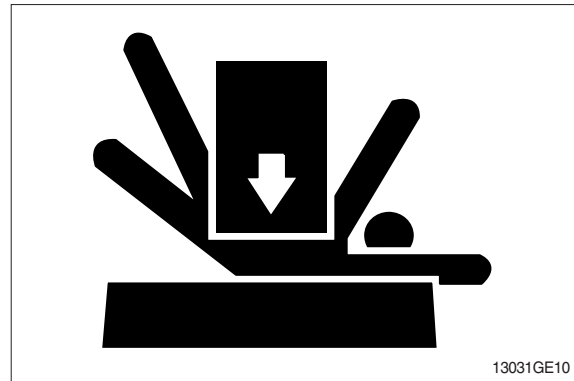
- Park machine on a level surface.
- Lower bucket to the ground.
- Turn auto idle switch off.
- Run engine at low idle speed without load for 5 minutes.
- Turn key switch to OFF to stop engine. Remove key from switch.
- Place safety lever to locked position.
- Allow engine to cool.

SUPPORT MACHINE PROPERLY

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

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

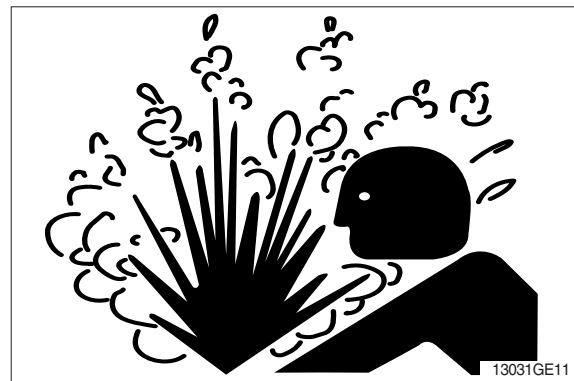
Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



SERVICE COOLING SYSTEM SAFELY

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

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



HANDLE FLUIDS SAFELY-AVOID FIRES

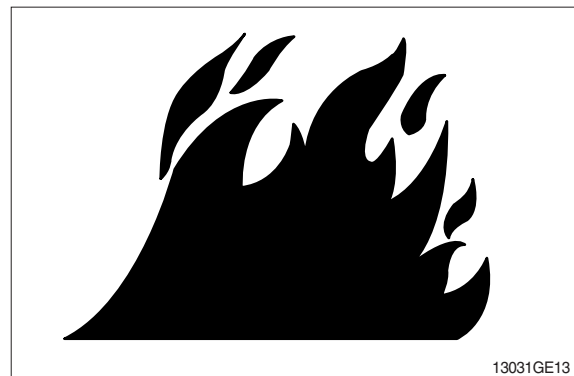
Handle fuel with care; It is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks. Always stop engine before refueling machine. Fill fuel tank outdoors.



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

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

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



BEWARE OF EXHAUST FUMES

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

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

REMOVE PAINT BEFORE WELDING OR HEATING

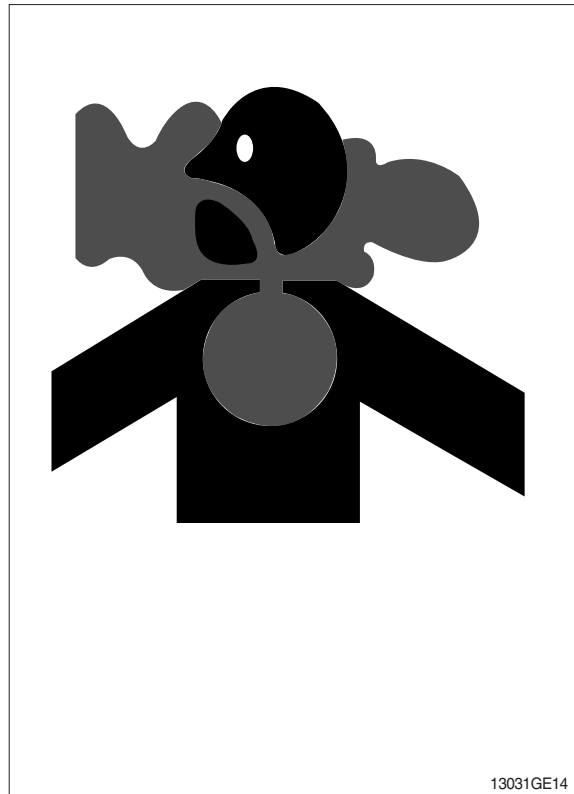
Avoid potentially toxic fumes and dust.

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

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

Remove paint before welding or heating:

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



ILLUMINATE WORK AREA SAFELY

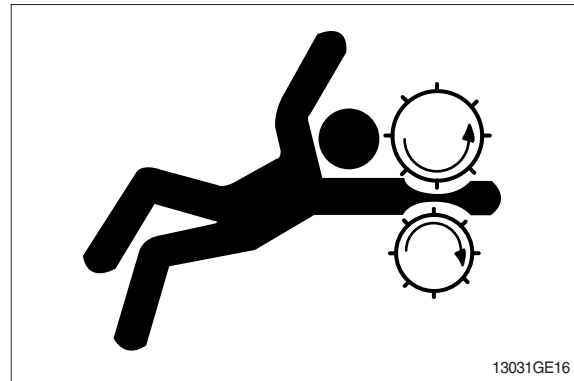
Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.



SERVICE MACHINE SAFELY

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

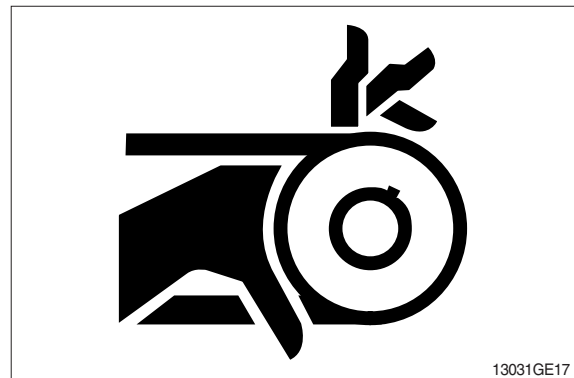
Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

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



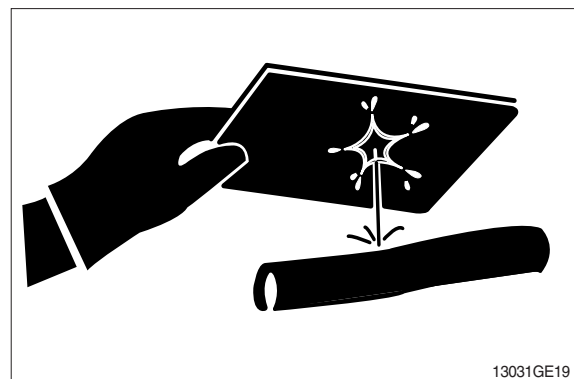
AVOID HIGH PRESSURE FLUIDS

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

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

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

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



AVOID HEATING NEAR PRESSURIZED FLUID LINES

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

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



PREVENT BATTERY EXPLOSIONS

Keep sparks, lighted matches, and flame away from the top of battery.

Battery gas can explode.

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

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



PREVENT ACID BURNS

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

Avoid the hazard by:

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

If you spill acid on yourself:

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

If acid is swallowed:

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

USE TOOLS PROPERLY

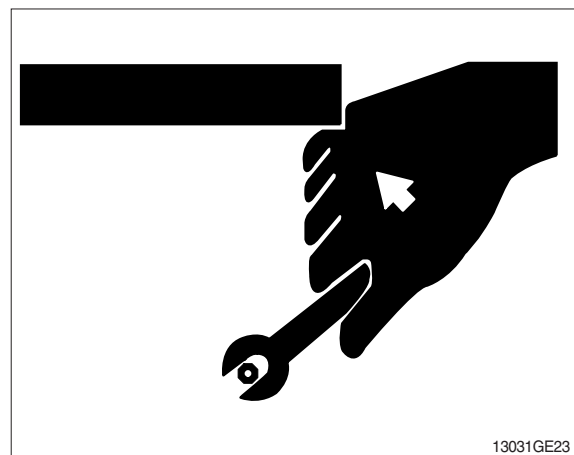
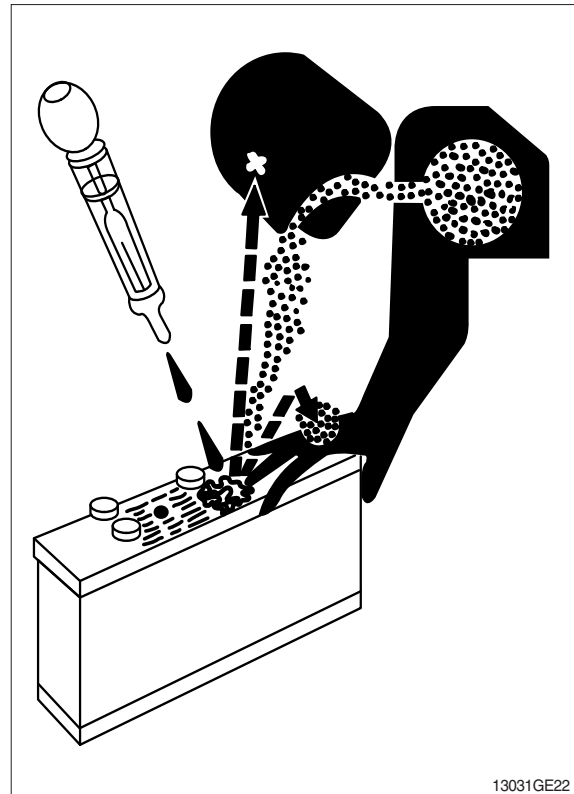
Use tools appropriate to the work. Makeshift tools, parts, and procedures can create safety hazards.

Use power tools only to loosen threaded tools and fasteners.

For loosening and tightening hardware, use the correct size tools.

DO NOT use U.S. measurement tools on metric fasteners. Avoid bodily injury caused by slipping wrenches.

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

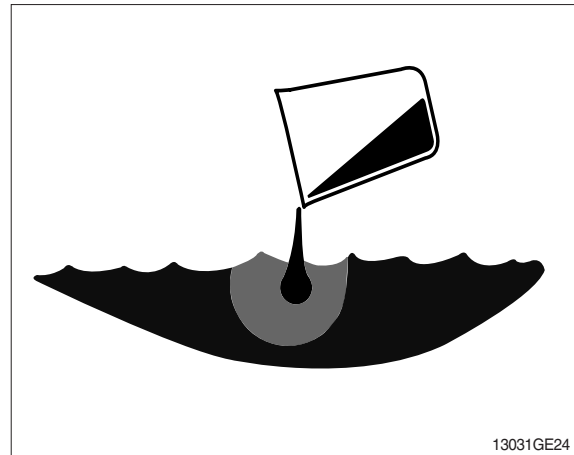


DISPOSE OF FLUIDS PROPERLY

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.

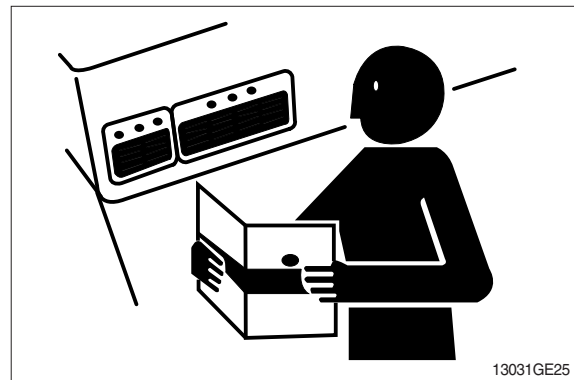
Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

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 LABELS

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

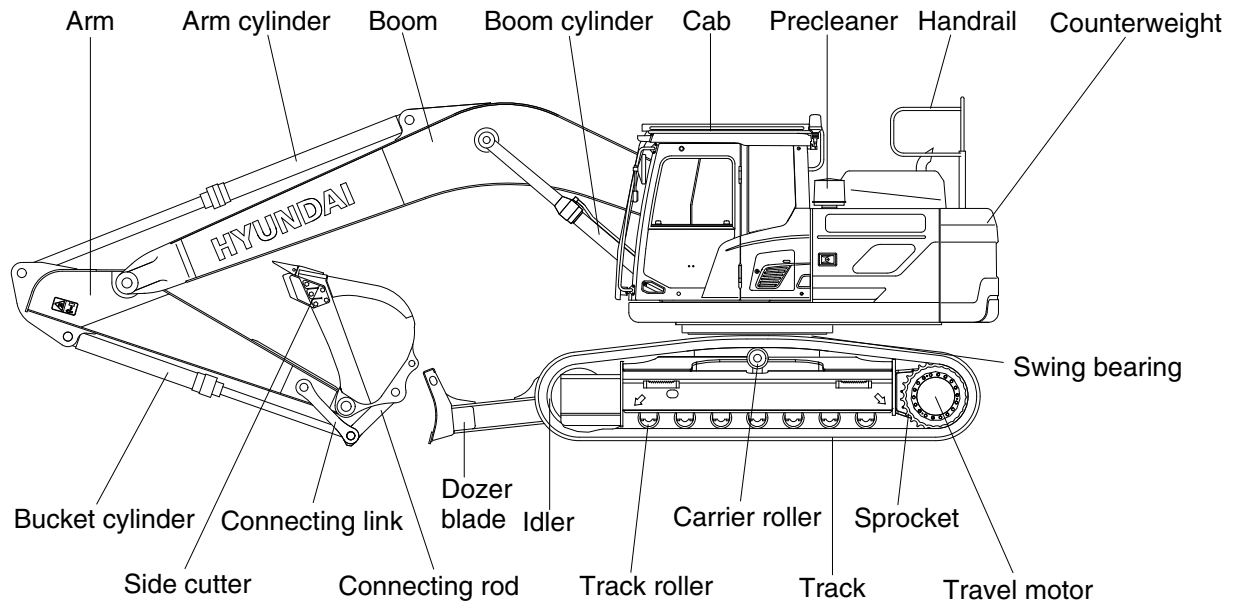
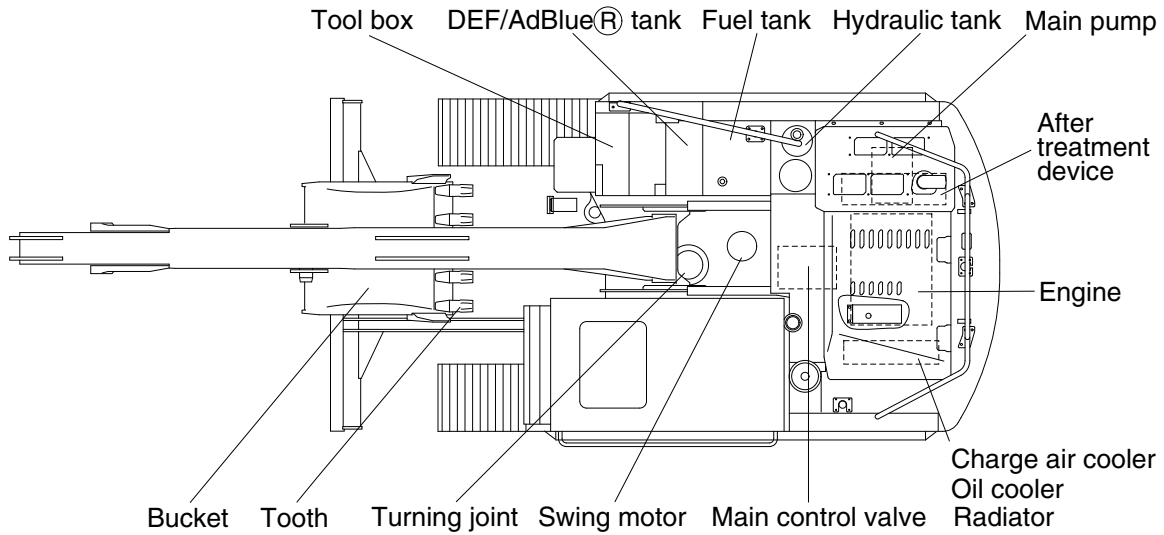


LIVE WITH SAFETY

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

GROUP 2 SPECIFICATIONS

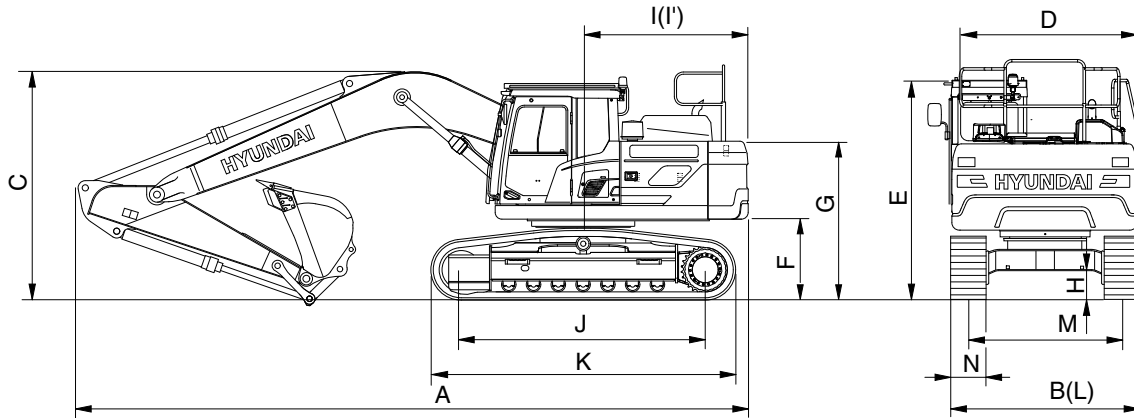
1. MAJOR COMPONENT



140A2SP01

2. SPECIFICATIONS

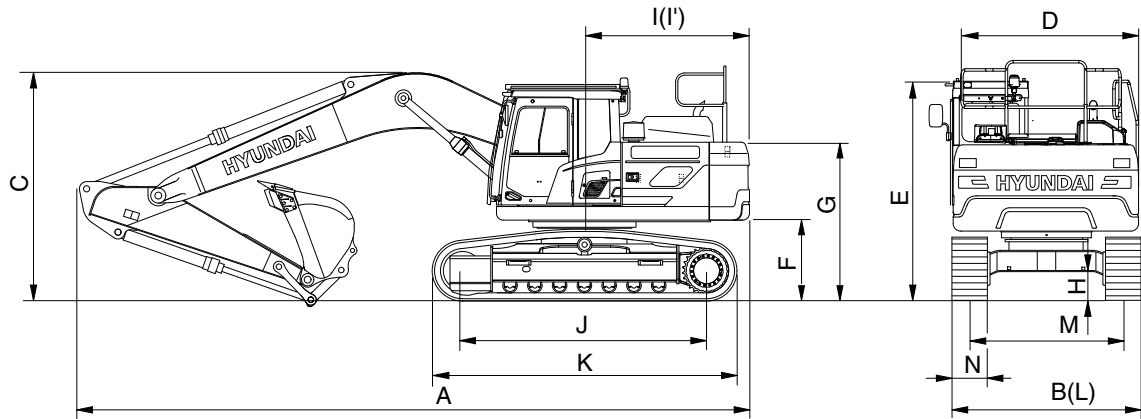
1) HX140A L, 4.6 m MONO BOOM



140A2SP02

Description	Unit		Specification			
	m (ft-in)	Boom	4.6 (15' 1")			
		Arm	2.5 (8' 2")	1.9 (6' 3")	2.1 (6' 11")	3.0 (9' 10")
	mm (in)	Shoe	600 (24)			
Operating weight	kg (lb)		14405 (31760)	14310 (31550)	14350 (31640)	14470 (31900)
Overall length	A	mm (ft-in)	7830 (25' 8")	7830 (25' 8")	7855 (25' 9")	7795 (25' 7")
Overall width	B		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall height of boom	C		2800 (9' 2")	2675 (8' 9")	2820 (9' 3")	3130 (10' 3")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2860 (9' 5")	2860 (9' 5")	2860 (9' 5")	2860 (9' 5")
Ground clearance of counterweight	F		930 (3' 1")	930 (3' 1")	930 (3' 1")	930 (3' 1")
Overall height of engine hood	G		2405 (7' 11")	2405 (7' 11")	2405 (7' 11")	2405 (7' 11")
Overall height of handrail	G'		3110 (10' 2")	3110 (10' 2")	3110 (10' 2")	3110 (10' 2")
Minimum ground clearance	H		430 (1' 5")	430 (1' 5")	430 (1' 5")	430 (1' 5")
Rear-end distance	I		2335 (7' 8")	2335 (7' 8")	2335 (7' 8")	2335 (7' 8")
Rear-end swing radius	I'		2345 (7' 8")	2345 (7' 8")	2345 (7' 8")	2345 (7' 8")
Distance between tumblers	J		3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")
Undercarriage length (without grouser)	K		3696 (12' 2")	3696 (12' 2")	3696 (12' 2")	3696 (12' 2")
Undercarriage length (with grouser)	K'		3746 (12' 3")	3746 (12' 3")	3746 (12' 3")	3746 (12' 3")
Undercarriage width	L		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Track gauge	M		1990 (6' 6")	1990 (6' 6")	1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")	600 (2' 0")	600 (2' 0")
Track shoe link quantity	EA		46	46	46	46
Travel speed (low/high)	km/hr (mph)	3.2/5.5 (2.0/3.4)	3.2/5.5 (2.0/3.4)	3.2/5.5 (2.0/3.4)	3.2/5.5 (2.0/3.4)	
Swing speed	rpm	11.4	11.4	11.4	11.4	
Gradeability	Degree (%)	35 (70)	35 (70)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.37 (5.26)	0.37 (5.23)	0.37 (5.25)	0.37 (5.29)	
Max traction force	kg (lb)	12670 (27930)	12670 (27930)	12670 (27930)	12670 (27930)	

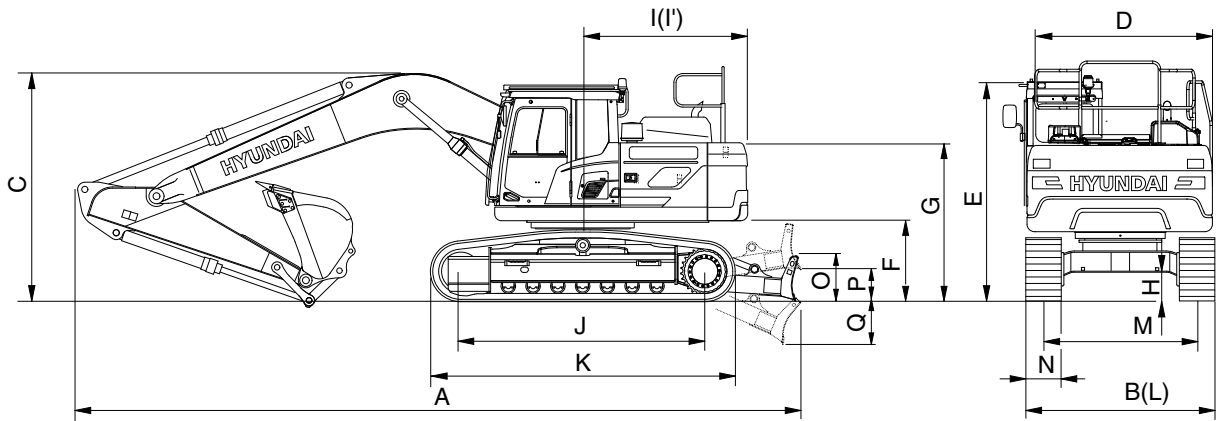
2) HX140A L, 4.1 m MONO BOOM



140A2SP02

Description	Unit		Specification	
	m (ft-in)	Boom	4.1 (13' 5")	
		Arm	1.9 (6' 3")	2.1 (6' 11")
	mm (in)	Shoe	600 (24)	
Operating weight	kg (lb)		14190 (31280)	14230 (31370)
Overall length	A	mm (ft-in)	7320 (24' 0")	7355 (24' 2")
Overall width	B		2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'		2590 (8' 6")	2590 (8' 6")
Overall height of boom	C		2740 (9' 0")	2895 (9' 6")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2860 (9' 5")	2860 (9' 5")
Ground clearance of counterweight	F		930 (3' 1")	930 (3' 1")
Overall height of engine hood	G		2405 (7' 11")	2405 (7' 11")
Overall height of handrail	G'		3110 (10' 2")	3110 (10' 2")
Minimum ground clearance	H		430 (1' 5")	430 (1' 5")
Rear-end distance	I		2335 (7' 8")	2335 (7' 8")
Rear-end swing radius	I'		2345 (7' 8")	2345 (7' 8")
Distance between tumblers	J		3000 (9' 10")	3000 (9' 10")
Undercarriage length (without grouser)	K		3696 (12' 2")	3696 (12' 2")
Undercarriage length (with grouser)	K'		3746 (12' 3")	3746 (12' 3")
Undercarriage width	L		2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'		2590 (8' 6")	2590 (8' 6")
Track gauge	M		1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")
Track shoe link quantity	EA		46	46
Travel speed (low/high)	km/hr (mph)	3.2 / 5.5 (2.0/3.4)	3.2 / 5.5 (2.0/3.4)	
Swing speed	rpm	11.4	11.4	
Gradeability	Degree (%)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.37 (5.19)	0.37 (5.21)	
Max traction force	kg (lb)	12670 (27930)	12670 (27930)	

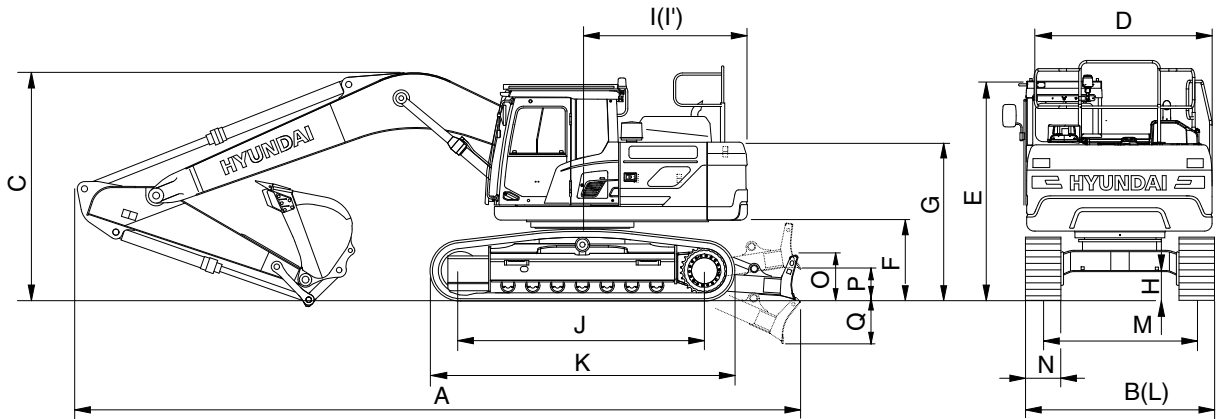
3) HX140A LD, 4.6 m MONO BOOM



140A2SP03

Description	Unit		Specification			
	m (ft-in)	Boom	4.6 (15' 1")			
		Arm	2.5 (8' 2")	1.9 (6' 3")	2.1 (6' 11")	3.0 (9' 10")
	mm (in)	Shoe	600 (24)			
Operating weight	kg (lb)	14405 (31760)	14310 (31550)	14350 (31640)	14470 (31900)	
Overall length	A	7830 (25' 8")	7830 (25' 8")	7855 (25' 9")	7795 (25' 7")	
Overall width	B	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	
Overall width with add footboard	B'	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	
Overall height of boom	C	2800 (9' 2")	2675 (8' 9")	2820 (9' 3")	3130 (10' 3")	
Overall width of upper structure	D	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	
Overall height of cab	E	2860 (9' 5")	2860 (9' 5")	2860 (9' 5")	2860 (9' 5")	
Ground clearance of counterweight	F	930 (3' 1")	930 (3' 1")	930 (3' 1")	930 (3' 1")	
Overall height of engine hood	G	2405 (7' 11")	2405 (7' 11")	2405 (7' 11")	2405 (7' 11")	
Overall height of handrail	G'	3110 (10' 2")	3110 (10' 2")	3110 (10' 2")	3110 (10' 2")	
Minimum ground clearance	H	430 (1' 5")	430 (1' 5")	430 (1' 5")	430 (1' 5")	
Rear-end distance	I	2335 (7' 8")	2335 (7' 8")	2335 (7' 8")	2335 (7' 8")	
Rear-end swing radius	I'	2345 (7' 8")	2345 (7' 8")	2345 (7' 8")	2345 (7' 8")	
Distance between tumblers	J	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	
Undercarriage length (without grouser)	K	3696 (12' 2")	3696 (12' 2")	3696 (12' 2")	3696 (12' 2")	
Undercarriage length (with grouser)	K'	3746 (12' 3")	3746 (12' 3")	3746 (12' 3")	3746 (12' 3")	
Undercarriage width	L	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	
Undercarriage width with add footboard	L'	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	
Track gauge	M	1990 (6' 6")	1990 (6' 6")	1990 (6' 6")	1990 (6' 6")	
Track shoe width, standard	N	600 (2' 0")	600 (2' 0")	600 (2' 0")	600 (2' 0")	
Height of blade	O	575 (1' 11")	575 (1' 11")	575 (1' 11")	575 (1' 11")	
Ground clearance of blade up	P	580 (1' 11")	580 (1' 11")	580 (1' 11")	580 (1' 11")	
Depth of blade down	Q	475 (1' 7")	475 (1' 7")	475 (1' 7")	475 (1' 7")	
Track shoe link quantity	EA	46	46	46	46	
Travel speed (low/high)	km/hr (mph)	3.2/5.5 (2.0/3.4)	3.2/5.5 (2.0/3.4)	3.2/5.5 (2.0/3.4)	3.2/5.5 (2.0/3.4)	
Swing speed	rpm	11.4	11.4	11.4	11.4	
Gradeability	Degree (%)	35 (70)	35 (70)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.37 (5.26)	0.37 (5.23)	0.37 (5.25)	0.37 (5.29)	
Max traction force	kg (lb)	12670 (27930)	12670 (27930)	12670 (27930)	12670 (27930)	

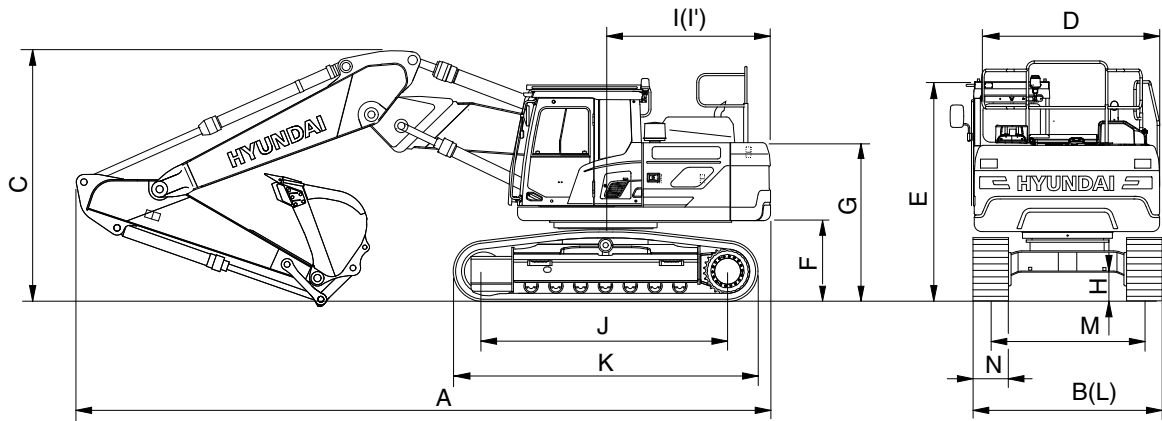
4) HX140A LD, 4.1 m MONO BOOM



140A2SP03

Description	Unit		Specification	
	m (ft-in)	Boom	4.1 (13' 5")	
		Arm	1.9 (6' 3")	2.1 (6' 11")
	mm (in)	Shoe	600 (24)	
Operating weight	kg (lb)		14190 (31280)	14230 (31370)
Overall length	A	mm (ft-in)	7320 (24' 0")	7355 (24' 2")
Overall width	B		2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'		2590 (8' 6")	2590 (8' 6")
Overall height of boom	C		2740 (9' 0")	2895 (9' 6")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2860 (9' 5")	2860 (9' 5")
Ground clearance of counterweight	F		930 (3' 1")	930 (3' 1")
Overall height of engine hood	G		2405 (7' 11")	2405 (7' 11")
Overall height of handrail	G'		3110 (10' 2")	3110 (10' 2")
Minimum ground clearance	H		430 (1' 5")	430 (1' 5")
Rear-end distance	I		2335 (7' 8")	2335 (7' 8")
Rear-end swing radius	I'		2345 (7' 8")	2345 (7' 8")
Distance between tumblers	J		3000 (9' 10")	3000 (9' 10")
Undercarriage length (without grouser)	K		3696 (12' 2")	3696 (12' 2")
Undercarriage length (with grouser)	K'		3746 (12' 3")	3746 (12' 3")
Undercarriage width	L		2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'		2590 (8' 6")	2590 (8' 6")
Track gauge	M		1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")
Height of blade	O		575 (1' 11")	575 (1' 11")
Ground clearance of blade up	P	580 (1' 11")	580 (1' 11")	
Depth of blade down	Q	475 (1' 7")	475 (1' 7")	
Track shoe link quantity	EA	46	46	
Travel speed (low/high)	km/hr (mph)	3.2 / 5.5 (2.0/3.4)	3.2 / 5.5 (2.0/3.4)	
Swing speed	rpm	11.4	11.4	
Gradeability	Degree (%)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.37 (5.19)	0.37 (5.21)	
Max traction force	kg (lb)	12670 (27930)	12670 (27930)	

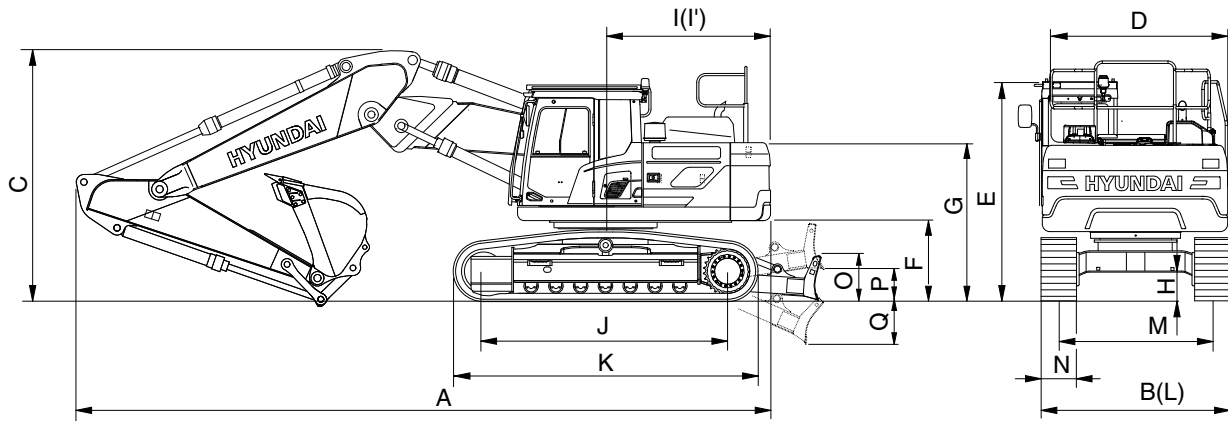
5) HX140A L, 4.9 m 2-PIECE BOOM



140A2SP04

Description	Unit		Specification		
	m (ft-in)	Boom	4.9 (16' 1") 2-PCS		
		Arm	2.5 (8' 2")	1.9 (6' 3")	2.1 (6' 11")
	mm (in)	Shoe	600 (24)		
Operating weight		kg (lb)	15100 33290	14990 33050	15030 33140
Overall length	A	mm (ft-in)	8155 (26' 9")	8170 (26' 10")	8180 (26' 10")
Overall width	B		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall height of boom	C		2925 (9' 7")	2805 (9' 2")	2900 (9' 6")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2860 (9' 5")	2860 (9' 5")	2860 (9' 5")
Ground clearance of counterweight	F		930 (3' 1")	930 (3' 1")	930 (3' 1")
Overall height of engine hood	G		2405 (7' 11")	2405 (7' 11")	2405 (7' 11")
Overall height of handrail	G'		3110 (10' 2")	3110 (10' 2")	3110 (10' 2")
Minimum ground clearance	H		430 (1' 5")	430 (1' 5")	430 (1' 5")
Rear-end distance	I		2335 (7' 8")	2335 (7' 8")	2335 (7' 8")
Rear-end swing radius	I'		2345 (7' 8")	2345 (7' 8")	2345 (7' 8")
Distance between tumblers	J		3000 (9' 10")	3000 (9' 10")	3000 (9' 10")
Undercarriage length (without grouser)	K		3696 (12' 2")	3696 (12' 2")	3696 (12' 2")
Undercarriage length (with grouser)	K'		3746 (12' 3")	3746 (12' 3")	3746 (12' 3")
Undercarriage width	L		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Track gauge	M		1990 (6' 6")	1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")	600 (2' 0")
Height of blade	O		640 (2' 1")	640 (2' 1")	640 (2' 1")
Ground clearance of blade up	P	615 (2' 0")	615 (2' 0")	615 (2' 0")	
Depth of blade down	Q	670 (2' 2")	670 (2' 2")	670 (2' 2")	
Track shoe link quantity		EA	46	46	46
Travel speed (low/high)		km/hr (mph)	3.2 / 5.5 (2.0/3.4)	3.2 / 5.5 (2.0/3.4)	3.2 / 5.5 (2.0/3.4)
Swing speed		rpm	11.4	11.4	11.4
Gradeability		Degree (%)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm ² (psi)	0.39 (5.52)	0.39 (5.48)	0.39 (5.49)
Max traction force		kg (lb)	12670 (27930)	12670 (27930)	12670 (27930)

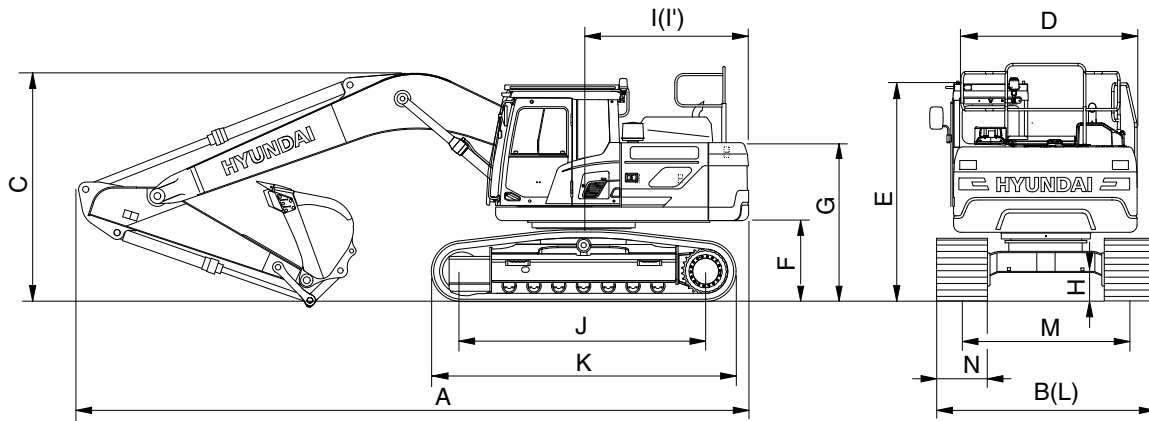
6) HX140A LD, 4.9 m 2-PIECE BOOM



140A2SP05

Description	Unit		Specification		
	m (ft-in)	Boom	4.9 (16' 1") 2-PCS		
		Arm	2.5 (8' 2")	1.9 (6' 3")	2.1 (6' 11")
mm (in)	Shoe	600 (24)			
Operating weight	kg (lb)	15100 33290	14990 33050	15030 33140	
Overall length	A	8155 (26' 9")	8170 (26' 10")	8180 (26' 10")	
Overall width	B	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	
Overall width with add footboard	B'	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	
Overall height of boom	C	2925 (9' 7")	2805 (9' 2")	2900 (9' 6")	
Overall width of upper structure	D	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	
Overall height of cab	E	2860 (9' 5")	2860 (9' 5")	2860 (9' 5")	
Ground clearance of counterweight	F	930 (3' 1")	930 (3' 1")	930 (3' 1")	
Overall height of engine hood	G	2405 (7' 11")	2405 (7' 11")	2405 (7' 11")	
Overall height of handrail	G'	3110 (10' 2")	3110 (10' 2")	3110 (10' 2")	
Minimum ground clearance	H	430 (1' 5")	430 (1' 5")	430 (1' 5")	
Rear-end distance	I	2335 (7' 8")	2335 (7' 8")	2335 (7' 8")	
Rear-end swing radius	I'	2345 (7' 8")	2345 (7' 8")	2345 (7' 8")	
Distance between tumblers	J	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	
Undercarriage length (without grouser)	K	3696 (12' 2")	3696 (12' 2")	3696 (12' 2")	
Undercarriage length (with grouser)	K'	3746 (12' 3")	3746 (12' 3")	3746 (12' 3")	
Undercarriage width	L	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	
Undercarriage width with add footboard	L'	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	
Track gauge	M	1990 (6' 6")	1990 (6' 6")	1990 (6' 6")	
Track shoe width, standard	N	600 (2' 0")	600 (2' 0")	600 (2' 0")	
Height of blade	O	575 (1' 11")	575 (1' 11")	575 (1' 11")	
Ground clearance of blade up	P	580 (1' 11")	580 (1' 11")	580 (1' 11")	
Depth of blade down	Q	475 (1' 7")	475 (1' 7")	475 (1' 7")	
Track shoe link quantity	EA	46	46	46	
Travel speed (low/high)	km/hr (mph)	3.2 / 5.5 (2.0/3.4)	3.2 / 5.5 (2.0/3.4)	3.2 / 5.5 (2.0/3.4)	
Swing speed	rpm	11.4	11.4	11.4	
Gradeability	Degree (%)	35 (70)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.39 (5.52)	0.39 (5.48)	0.39 (5.49)	
Max traction force	kg (lb)	12670 (27930)	12670 (27930)	12670 (27930)	

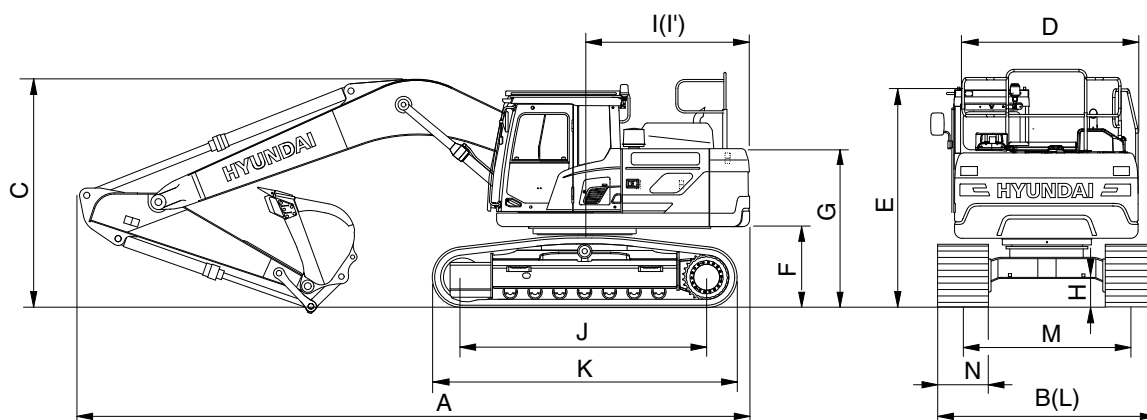
7) HX140A HW, 800 mm SHOE



140A2SP06

Description	Unit		Specification		
	m (ft-in)	Boom	4.6 (15' 1") MONO		4.9 (16' 1") 2-PCS
		Arm	2.5 (8' 2")	3.0 (9' 10")	2.5 (8' 2")
mm (in)	Shoe	800 (32)			
Operating weight	kg (lb)	17460 (38490)	17525 (38640)	18140 (39990)	
Overall length	A	7830 (25' 8")	7795 (25' 7")	8155 (26' 9")	
Overall width	B	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	
Overall width with add footboard	B'	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	
Overall height of boom	C	2800 (9' 2")	3130 (10' 3")	2925 (9' 7")	
Overall width of upper structure	D	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	
Overall height of cab	E	2860 (9' 5")	2860 (9' 5")	2860 (9' 5")	
Ground clearance of counterweight	F	1205 (3' 11")	1205 (3' 11")	1205 (3' 11")	
Overall height of engine hood	G	2405 (7' 11")	2405 (7' 11")	2405 (7' 11")	
Overall height of handrail	G'	3110 (10' 2")	3110 (10' 2")	3110 (10' 2")	
Minimum ground clearance	H	600 (2' 0")	600 (2' 0")	600 (2' 0")	
Rear-end distance	I	2335 (7' 8")	2335 (7' 8")	2335 (7' 8")	
Rear-end swing radius	I'	2345 (7' 8")	2345 (7' 8")	2345 (7' 8")	
Distance between tumblers	J	3030 (9' 11")	3030 (9' 11")	3030 (9' 11")	
Undercarriage length (without grouser)	K	3770 (12' 4")	3770 (12' 4")	3770 (12' 4")	
Undercarriage length (with grouser)	K'	3820 (12' 6")	3820 (12' 6")	3820 (12' 6")	
Undercarriage width	L	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	
Undercarriage width with add footboard	L'	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	
Track gauge	M	2040 (6' 8")	2040 (6' 8")	2040 (6' 8")	
Track shoe width, standard	N	800 (2' 7")	800 (2' 7")	800 (2' 7")	
Track shoe link quantity	EA	47	47	47	
Travel speed (low/high)	km/hr (mph)	2.4/4.3 (1.5/2.7)	2.4/4.3 (1.5/2.7)	2.4/4.3 (1.5/2.7)	
Swing speed	rpm	11.4	11.4	11.4	
Gradeability	Degree (%)	35 (70)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.33 (4.69)	0.33 (4.71)	0.35 (4.98)	
Max traction force	kg (lb)	16660 (36730)	16660 (36730)	16660 (36730)	

8) HX140A HW, 900 mm SHOE

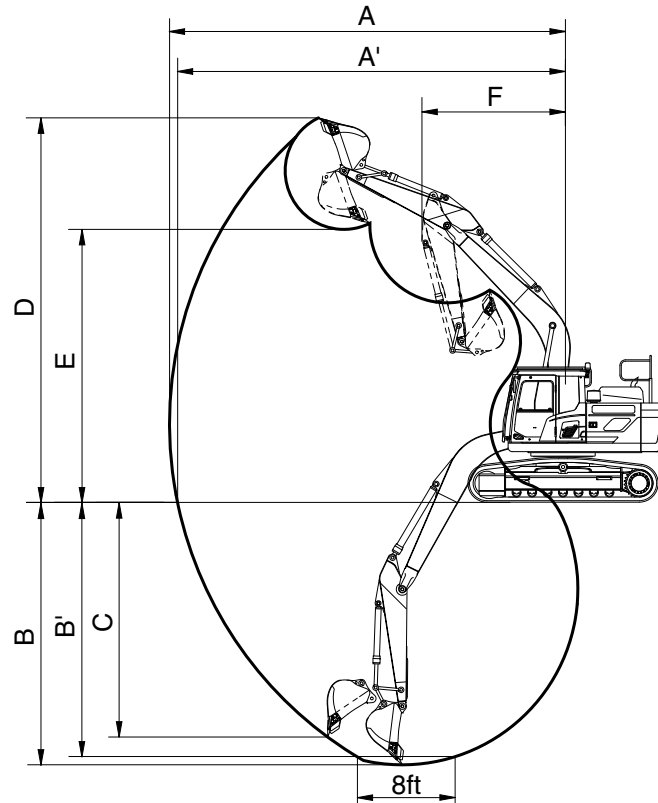


140A2SP06

Description	Unit		Specification		
	m (ft-in)	Boom	4.6 (15' 1") MONO		4.9 (16' 1") 2-PCS
		Arm	2.5 (8' 2")	3.0 (9' 10")	2.5 (8' 2")
	mm (in)	Shoe	900 (36)		
Operating weight		kg (lb)	17180 (37880)	17245 (38020)	17865 (39390)
Overall length	A	mm (ft-in)	7830 (25' 8")	7795 (25' 7")	8155 (26' 9")
Overall width	B		2940 (9' 8")	2940 (9' 8")	2940 (9' 8")
Overall width with add footboard	B'		2940 (9' 8")	2940 (9' 8")	2940 (9' 8")
Overall height of boom	C		2800 (9' 2")	3130 (10' 3")	2925 (9' 7")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2860 (9' 5")	2860 (9' 5")	2860 (9' 5")
Ground clearance of counterweight	F		1205 (3' 11")	1205 (3' 11")	1205 (3' 11")
Overall height of engine hood	G		2405 (7' 11")	2405 (7' 11")	2405 (7' 11")
Overall height of handrail	G'		3110 (10' 2")	3110 (10' 2")	3110 (10' 2")
Minimum ground clearance	H		600 (2' 0")	600 (2' 0")	600 (2' 0")
Rear-end distance	I		2335 (7' 8")	2335 (7' 8")	2335 (7' 8")
Rear-end swing radius	I'		2345 (7' 8")	2345 (7' 8")	2345 (7' 8")
Distance between tumblers	J		3030 (9' 11")	3030 (9' 11")	3030 (9' 11")
Undercarriage length (without grouser)	K		3770 (12' 4")	3770 (12' 4")	3770 (12' 4")
Undercarriage length (with grouser)	K'		3820 (12' 6")	3820 (12' 6")	3820 (12' 6")
Undercarriage width	L		2940 (9' 8")	2940 (9' 8")	2940 (9' 8")
Undercarriage width with add footboard	L'		2940 (9' 8")	2940 (9' 8")	2940 (9' 8")
Track gauge	M		2040 (6' 8")	2040 (6' 8")	2040 (6' 8")
Track shoe width, standard	N		900 (2' 11")	900 (2' 11")	900 (2' 11")
Track shoe link quantity	EA		47	47	47
Travel speed (low/high)		km/hr (mph)	2.4/4.3 (1.5/2.7)	2.4/4.3 (1.5/2.7)	2.4/4.3 (1.5/2.7)
Swing speed		rpm	11.4	11.4	11.4
Gradeability		Degree (%)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm ² (psi)	0.29 (4.11)	0.29 (4.12)	0.30 (4.27)
Max traction force		kg (lb)	16660 (36730)	16660 (36730)	16660 (36730)

3. WORKING RANGE AND DIGGING FORCE

1) HX140A L/LD/HW, 4.6 m MONO BOOM

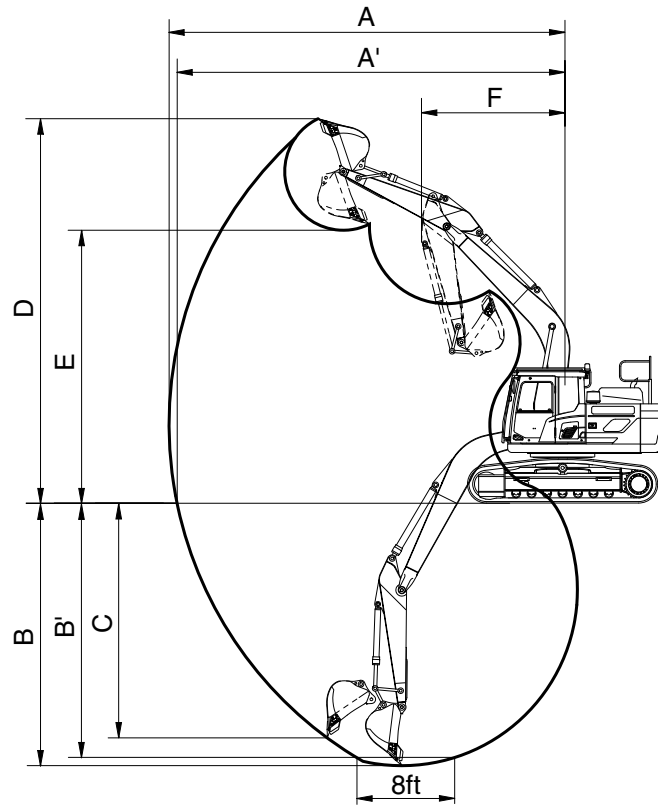


140A2SP10

Description	m (ft-in)	Boom	4.6 (15' 1")			
		Arm	2.5 (8' 2")	1.9 (6' 3")	2.1 (6' 11")	3.0 (9' 10")
Max digging reach		A	8320 (27' 4")	7750 (25' 5")	7920 (26' 0")	8780 (28' 10")
Max digging reach on ground		A'	8170 (26' 10")	7590 (24' 11")	7760 (25' 6")	8640 (28' 4")
Max digging depth		B	5515 (18' 1")	4915 (16' 2")	5115 (16' 9")	6015 (19' 9")
Max digging depth (8 ft level)		B'	5300 (17' 5")	4650 (15' 3")	4860 (15' 11")	5830 (19' 2")
Max vertical wall digging depth		C	5065 (16' 7")	4470 (14' 8")	4660 (15' 3")	5570 (18' 3")
Max digging height		D	8530 (28' 0")	8130 (26' 8")	8200 (26' 11")	8800 (28' 10")
Max dumping height		E	6080 (19' 11")	5690 (18' 8")	5770 (18' 11")	6350 (20' 10")
Min swing radius		F	2650 (8' 8")	2620 (8' 7")	2670 (8' 9")	2670 (8' 9")
Bucket digging force	kN		87.9 [95.4]	87.8 [95.4]	87.9 [95.4]	87.8 [95.3]
	kgf	SAE	8960 [9730]	8958 [9730]	8960 [9730]	8956 [9720]
	lbf		19754 [21451]	19749 [21451]	19754 [21451]	19745 [21429]
	kN		102.9 [111.8]	102.9 [111.7]	102.9 [111.8]	102.9 [111.7]
	kgf	ISO	10497 [11400]	10494 [11390]	10497 [11400]	10492 [11390]
	lbf		23142 [25133]	23136 [25111]	23142 [25133]	23131 [25111]
Arm digging force	kN		62.7 [68.1]	76.6 [83.3]	73.6 [79.9]	56 [60.8]
	kgf	SAE	6396 [6940]	7815 [8490]	7506 [8150]	5711 [6200]
	lbf		14100 [15300]	17230 [18717]	16547 [17968]	12591 [13669]
	kN		65.4 [71]	80.5 [87.5]	77.1 [83.7]	58.1 [63.1]
	kgf	ISO	6665 [7240]	8213 [8920]	7863 [8540]	5924 [6430]
	lbf		14694 [15961]	18107 [19665]	17334 [18827]	13060 [14176]

[] : Power boost

2) HX140A L/LD/HW, 4.1 m MONO BOOM

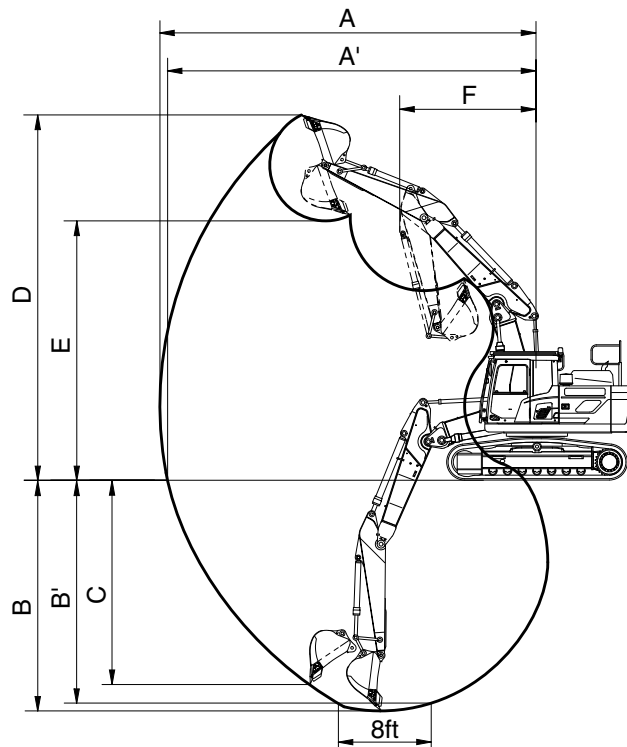


140A2SP10

Description	m (ft-in)	Boom	4.1 (13' 5")	
		Arm	1.9 (6' 3")	2.1 (6' 11")
Max digging reach	mm (ft-in)	A	7250 (23' 9")	7420 (24' 4")
Max digging reach on ground		A'	7080 (23' 3")	7250 (23' 9")
Max digging depth		B	4500 (14' 9")	4700 (15' 5")
Max digging depth (8 ft level)		B'	4240 (13' 11")	4450 (14' 7")
Max vertical wall digging depth		C	4060 (13' 4")	4250 (13' 11")
Max digging height		D	7730 (25' 4")	7790 (25' 7")
Max dumping height		E	5285 (17' 4")	5360 (17' 7")
Min swing radius		F	2350 (7' 9")	2460 (8' 1")
Bucket digging force	kN	SAE	87.8 [95.4]	87.9 [95.4]
	kgf		8958 [9730]	8960 [9730]
	lbf		19749 [21451]	19754 [21451]
	kN	ISO	102.9 [111.7]	102.9 [111.8]
	kgf		10494 [11390]	10497 [11400]
	lbf		23136 [25111]	23142 [25133]
Arm digging force	kN	SAE	76.6 [83.3]	73.6 [79.9]
	kgf		7815 [8490]	7506 [8150]
	lbf		17230 [18717]	16547 [17968]
	kN	ISO	80.5 [87.5]	77.1 [83.7]
	kgf		8213 [8920]	7863 [8540]
	lbf		18107 [19665]	17334 [18827]

[] : Power boost

3) HX140A L/LD/HW, 4.9 m 2-PIECE BOOM



140A2SP11

Description	m (ft-in)	Boom	4.9 (16' 1") 2-PCS		
		Arm	2.5 (8' 2")	1.9 (6' 3")	2.1 (6' 11")
Max digging reach	mm (ft-in)	A	8720 (28' 7")	8140 (26' 8")	8320 (27' 4")
Max digging reach on ground		A'	8580 (28' 2")	7990 (26' 3")	8170 (26' 10")
Max digging depth		B	5680 (18' 8")	5080 (16' 8")	5270 (17' 3")
Max digging depth (8 ft level)		B'	5570 (18' 3")	4960 (16' 3")	5160 (16' 11")
Max vertical wall digging depth		C	5080 (16' 8")	4460 (14' 8")	4620 (15' 2")
Max digging height		D	9310 (30' 7")	8850 (29' 0")	8960 (29' 5")
Max dumping height		E	6820 (22' 5")	6365 (20' 11")	6480 (21' 3")
Min swing radius		F	2690 (8' 10")	2660 (8' 9")	2820 (9' 3")
Bucket digging force	kN	SAE	87.9 [95.4]	87.8 [95.4]	87.9 [95.4]
	kgf		8960 [9730]	8958 [9730]	8960 [9730]
	lbf		19754 [21451]	19749 [21451]	19754 [21451]
	kN	ISO	102.9 [111.7]	102.9 [111.7]	102.9 [111.7]
	kgf		10494 [11390]	10491 [11390]	10494 [11390]
	lbf		23134 [25111]	23128 [25111]	23134 [25111]
Arm digging force	kN	SAE	62.7 [68.1]	76.6 [83.3]	73.6 [79.9]
	kgf		6396 [6940]	7815 [8490]	7506 [8150]
	lbf		14100 [15300]	17230 [18717]	16547 [17968]
	kN	ISO	65.4 [71]	80.6 [87.5]	77.1 [83.7]
	kgf		6666 [7240]	8215 [8920]	7864 [8540]
	lbf		14696 [15961]	18110 [19665]	17337 [18827]

[] : Power boost

4. WEIGHT

Item	Qty	HX140A L		HX140A LD		HX140A HW	
	EA	kg	lb	kg	lb	kg	lb
Upperstructure assembly							
· Main frame weld assembly	1	1141	2515	1141	2515	1141	2515
· Engine assembly	1	360	794	360	794	360	794
· Aftertreatment assy	1	64	141	64	141	64	141
· Main pump assembly	1	92	203	92	203	92	203
· Main control valve assembly	1	140	309	140	309	140	309
· Swing motor assembly	1	130	287	130	287	130	287
· Hydraulic oil tank WA	1	135	299	135	299	136	300
· Fuel tank WA	1	144	318	144	318	138	305
· Counterweight	1	2100	4630	2100	4630	2400	5291
· Cab assembly	1	495	1090	495	1090	495	1090
Lower chassis assembly							
· Track frame weld assembly	1	1497	3300	1667	3675	2199	4848
· Dozer blade assembly	1	-	-	503	1109	-	-
· Swing bearing	1	214	472	214	472	214	472
· Travel motor assembly	2	278	613	278	613	299	659
· Turning joint	1	56	123	63	139	117	258
· Sprocket	2	40	87	40	87	49	109
· Track recoil spring	2	93	204	93	204	132	291
· Idler	2	104	229	104	229	151	332
· Upper roller	2	19	42	19	42	40	88
· Lower roller	14	35	77	35	77	40	88
· Track Guard-General for LC	2	36	79	36	79	-	-
· Track Guard-Full for forest	-	-	-	-	-	592	1305
· Track Guard-General for MUD	-	-	-	-	-	86	190
· Track-chain assembly (500 mm, 46 link)	2	922	2033	922	2033	-	-
· Track-chain assembly (600 mm, 46 link)	2	1027	2263	1027	2263	-	-
· Track-chain assembly (700 mm, 46 link)	2	1131	2494	1131	2494	-	-
· Track-chain assembly (700 mm, HW)	2	-	-	-	-	1250	2755
· Track-chain assembly (800 mm, HW)	2	-	-	-	-	1367	3013
· Track-chain assembly (900 mm, HW)	2	-	-	-	-	1482	3267

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

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

Item	Qty	HX140A L		HX140A LD		HX140A HW	
	EA	kg	lb	kg	lb	kg	lb
Front attachment assembly							
· 4.6 m mono boom assembly	1	815	1797	815	1797	815	1797
· 4.1 m mono boom assembly	1	760	1675	760	1675	760	1675
· 4.9 m 2-piece boom assembly	1	1024	2258	1024	2258	1024	2258
· 2.5 m arm assembly	1	450	992	450	992	450	992
· 1.9 m arm assembly	1	360	794	360	794	360	794
· 2.1 m arm assembly	1	390	860	390	860	390	860
· 3.0 m arm assembly	1	485	1069	485	1069	485	1069
· 2.5 m arm assembly (w/o reinforce)	1	436	961	436	961	436	961
· 3.0 m arm assembly (w/o reinforce)	1	471	1038	471	1038	471	1038
· 0.58 m ³ bucket assembly	1	438	966	438	966	438	966
· 0.52 m ³ bucket assembly	1	411	906	411	906	411	906
· 0.65 m ³ bucket assembly	1	459	1012	459	1012	459	1012
· 0.50 m ³ bucket assembly	1	439	968	439	968	439	968
· 0.62 m ³ bucket assembly	1	491	1082	491	1082	491	1082
· 0.66 m ³ bucket assembly	1	526	1160	526	1160	526	1160
· 0.77 m ³ bucket assembly	1	578	1274	578	1274	578	1274
· Boom cylinder assembly	2	119	262	119	262	119	262
· Arm cylinder assembly	1	145	320	145	320	145	320
· Bucket cylinder assembly	1	104	229	104	229	104	229
· 2-piece boom cylinder assembly	1	170	375	170	375	168	370
· Dozer cylinder assembly	2	54	120	54	120	51	112
· Bucket control linkage total	1	113	249	113	249	113	249

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

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

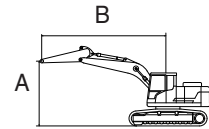
5. LIFTING CAPACITIES











1) HX140A L

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4600	1900	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*4200	4150			*3650	*3650	4.73
	lb					*9260	9150			*8050	*8050	(15.5)
4.5 m (14.8 ft)	kg					*4340	4100			*3340	2750	5.80
	lb					*9570	9040			*7360	6060	(19.0)
3.0 m (9.8 ft)	kg					*5220	3910	3860	2560	*3330	2350	6.35
	lb					*11510	8620	8510	5640	*7340	5180	(20.8)
1.5 m (4.9 ft)	kg					5810	3700	3770	2480	3350	2220	6.50
	lb					12810	8160	8310	5470	7390	4890	(21.3)
0.0 m (0.0 ft)	kg			*5760	*5760	5680	3580	3710	2430	3480	2280	6.29
	lb			*12700	*12700	12520	7890	8180	5360	7670	5030	(20.6)
-1.5 m (-4.9 ft)	kg	*5710	*5710	*9710	6530	5660	3570			4020	2620	5.68
	lb	*12590	*12590	*21410	14400	12480	7870			8860	5780	(18.6)
-3.0 m (-9.8 ft)	kg			*7880	6680	*5100	3680			*5080	3670	4.51
	lb			*17370	14730	*11240	8110			*11200	8090	(14.8)

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.

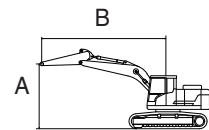
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4600	2100	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3910	*3910			*3480	*3480	4.97
	lb					*8620	*8620			*7670	*7670	(16.3)
4.5 m (14.8 ft)	kg					*4130	4120			*3220	2610	5.99
	lb					*9110	9080			*7100	5750	(19.7)
3.0 m (9.8 ft)	kg		*7310	7230	*5030	3920	3860	2560	*3230	2250	6.52	
	lb		*16120	15940	*11090	8640	8510	5640	*7120	4960	(21.4)	
1.5 m (4.9 ft)	kg				5820	3700	3770	2480	3220	2130	6.67	
	lb				12830	8160	8310	5470	7100	4700	(21.9)	
0.0 m (0.0 ft)	kg		*6170	*6170	5660	3570	3700	2410	3330	2180	6.47	
	lb		*13600	*13600	12480	7870	8160	5310	7340	4810	(21.2)	
-1.5 m (-4.9 ft)	kg	*5500	*5500	*9880	6480	5630	3540		3810	2480	5.88	
	lb	*12130	*12130	*21780	14290	12410	7800		8400	5470	(19.3)	
-3.0 m (-9.8 ft)	kg		*8240	6620	*5480	3630			*5010	3380	4.75	
	lb		*18170	14590	*12080	8000			*11050	7450	(15.6)	

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.**

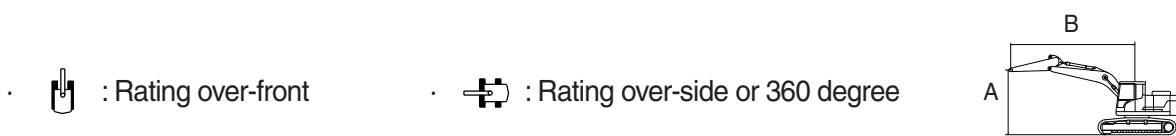
Lifting capacities will vary with different work tools, ground conditions and attachments.











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.

▲ **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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4600	2500	2100	600	-	-	-	-	-



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3400	*3400			*2400	*2400	5.50
	lb					*7500	*7500			*5290	*5290	(18.0)
4.5 m (14.8 ft)	kg					*3700	*3700	*3500	2640	*2220	*2220	6.44
	lb					*8160	*8160	*7720	5820	*4890	*4890	(21.1)
3.0 m (9.8 ft)	kg			*6380	*6380	*4640	3950	3870	2560	*2210	2040	6.93
	lb			*14070	*14070	*10230	8710	8530	5640	*4870	4500	(22.7)
1.5 m (4.9 ft)	kg			*7060	6690	*5760	3710	3760	2460	*2320	1930	7.07
	lb			*15560	14750	*12700	8180	8290	5420	*5110	4250	(23.2)
0.0 m (0.0 ft)	kg			*6550	6410	5640	3540	3670	2380	*2600	1970	6.88
	lb			*14440	14130	12430	7800	8090	5250	*5730	4340	(22.6)
-1.5 m (-4.9 ft)	kg	*4890	*4890	*10080	6390	5580	3490	3650	2360	*3170	2210	6.34
	lb	*10780	*10780	*22220	14090	12300	7690	8050	5200	*6990	4870	(20.8)
-3.0 m (-9.8 ft)	kg	*9020	*9020	*8830	6500	5630	3540			4410	2840	5.31
	lb	*19890	*19890	*19470	14330	12410	7800			9720	6260	(17.4)

- 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.

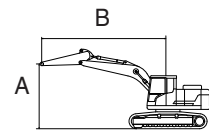
※ **Lifting capacities are based upon a standard machine conditions.**
Lifting capacities will vary with different work tools, ground conditions and attachments.
The difference between the weight of a work tool attachment must be subtracted.
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













▲ **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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4600	3000	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)										At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach	
													m (ft)	
7.5 m (24.6 ft)	kg					*2600	*2600					*2390	*2390	4.59
	lb					*5730	*5730					*5270	*5270	(15.1)
6.0 m (19.7 ft)	kg							*2240	*2240			*2010	*2010	6.08
	lb							*4940	*4940			*4430	*4430	(20.0)
4.5 m (14.8 ft)	kg							*3290	2680			*1880	*1880	6.94
	lb							*7250	5910			*4140	*4140	(22.8)
3.0 m (9.8 ft)	kg			*5260	*5260	*4140	4020	*3680	2590			*1880	1850	7.40
	lb			*11600	*11600	*9130	8860	*8110	5710			*4140	4080	(24.3)
1.5 m (4.9 ft)	kg			*8410	6870	*5360	3760	3780	2480	*2130	1770	*1980	1760	7.53
	lb			*18540	15150	*11820	8290	8330	5470	*4700	3900	*4370	3880	(24.7)
0.0 m (0.0 ft)	kg			*7190	6460	5670	3560	3670	2380			*2190	1790	7.36
	lb			*15850	14240	12500	7850	8090	5250			*4830	3950	(24.1)
-1.5 m (-4.9 ft)	kg	*4380	*4380	*9290	6360	5560	3470	3620	2330			*2610	1960	6.85
	lb	*9660	*9660	*20480	14020	12260	7650	7980	5140			*5750	4320	(22.5)
-3.0 m (-9.8 ft)	kg	*7550	*7550	*9450	6420	5570	3480					*3560	2420	5.91
	lb	*16640	*16640	*20830	14150	12280	7670					*7850	5340	(19.4)
-4.5 m (-14.8 ft)	kg			*6970	6650							*4530	3910	4.29
	lb			*15370	14660							*9990	8620	(14.1)

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.

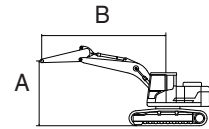
▲ Failure to comply to the rated load can cause serious injury, death, or property damage.











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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4600	1900	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*4200	*4200			*3650	*3650	4.73
	lb					*9260	*9260			*8050	*8050	(15.5)
4.5 m (14.8 ft)	kg					*4340	4310			*3340	2900	5.80
	lb					*9570	9500			*7360	6390	(19.0)
3.0 m (9.8 ft)	kg					*5220	4120	4040	2710	*3330	2480	6.35
	lb					*11510	9080	8910	5970	*7340	5470	(20.8)
1.5 m (4.9 ft)	kg					6080	3910	3950	2630	3510	2350	6.50
	lb					13400	8620	8710	5800	7740	5180	(21.3)
0.0 m (0.0 ft)	kg			*5760	*5760	5950	3790	3890	2580	3640	2420	6.29
	lb			*12700	*12700	13120	8360	8580	5690	8020	5340	(20.6)
-1.5 m (-4.9 ft)	kg	*5710	*5710	*9710	6900	5930	3770			4210	2770	5.68
	lb	*12590	*12590	*21410	15210	13070	8310			9280	6110	(18.6)
-3.0 m (-9.8 ft)	kg			*7880	7050	*5100	3890			*5080	3880	4.51
	lb			*17370	15540	*11240	8580			*11200	8550	(14.8)

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.

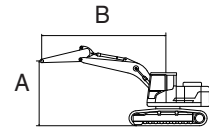
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ **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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4600	2100	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3910	*3910			*3480	*3480	4.97
	lb					*8620	*8620			*7670	*7670	(16.3)
4.5 m (14.8 ft)	kg					*4130	*4130			*3220	2760	5.99
	lb					*9110	*9110			*7100	6080	(19.7)
3.0 m (9.8 ft)	kg		*7310	*7310	*5030	4130	4040	2710	*3230	2380	6.52	
	lb		*16120	*16120	*11090	9110	8910	5970	*7120	5250	(21.4)	
1.5 m (4.9 ft)	kg				*6080	3910	3950	2620	3380	2250	6.67	
	lb				*13400	8620	8710	5780	7450	4960	(21.9)	
0.0 m (0.0 ft)	kg		*6170	*6170	5930	3780	3880	2560	3490	2320	6.47	
	lb		*13600	*13600	13070	8330	8550	5640	7690	5110	(21.2)	
-1.5 m (-4.9 ft)	kg	*5500	*5500	*9880	6850	5900	3750		3990	2630	5.88	
	lb	*12130	*12130	*21780	15100	13010	8270		8800	5800	(19.3)	
-3.0 m (-9.8 ft)	kg		*8240	6990	*5480	3830			*5010	3570	4.75	
	lb		*18170	15410	*12080	8440			*11050	7870	(15.6)	

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.

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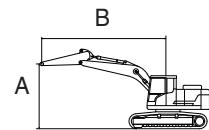
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ **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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4600	2500	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3400	*3400			*2400	*2400	5.50
	lb					*7500	*7500			*5290	*5290	(18.0)
4.5 m (14.8 ft)	kg					*3700	*3700	*3500	2780	*2220	*2220	6.44
	lb					*8160	*8160	*7720	6130	*4890	*4890	(21.1)
3.0 m (9.8 ft)	kg			*6380	*6380	*4640	4160	*4010	2710	*2210	2160	6.93
	lb			*14070	*14070	*10230	9170	*8840	5970	*4870	4760	(22.7)
1.5 m (4.9 ft)	kg			*7060	7050	*5760	3920	3940	2610	*2320	2050	7.07
	lb			*15560	15540	*12700	8640	8690	5750	*5110	4520	(23.2)
0.0 m (0.0 ft)	kg			*6550	*6550	5910	3750	3850	2530	*2600	2100	6.88
	lb			*14440	*14440	13030	8270	8490	5580	*5730	4630	(22.6)
-1.5 m (-4.9 ft)	kg	*4890	*4890	*10080	6760	5850	3690	3830	2510	*3170	2340	6.34
	lb	*10780	*10780	*22220	14900	12900	8140	8440	5530	*6990	5160	(20.8)
-3.0 m (-9.8 ft)	kg	*9020	*9020	*8830	6870	5900	3750			*4580	3010	5.31
	lb	*19890	*19890	*19470	15150	13010	8270			*10100	6640	(17.4)

Note 1. Lifting capacity are based on ISO 10567.

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

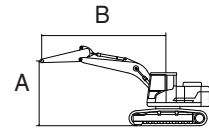
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4600	3000	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)										At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach	
													m (ft)	
7.5 m (24.6 ft)	kg					*2600	*2600					*2390	*2390	4.59
	lb					*5730	*5730					*5270	*5270	(15.1)
6.0 m (19.7 ft)	kg							*2240	*2240			*2010	*2010	6.08
	lb							*4940	*4940			*4430	*4430	(20.0)
4.5 m (14.8 ft)	kg							*3290	2820			*1880	*1880	6.94
	lb							*7250	6220			*4140	*4140	(22.8)
3.0 m (9.8 ft)	kg			*5260	*5260	*4140	*4140	*3680	2740			*1880	*1880	7.40
	lb			*11600	*11600	*9130	*9130	*8110	6040			*4140	*4140	(24.3)
1.5 m (4.9 ft)	kg			*8410	7240	*5360	3970	3960	2620	*2130	1880	*1980	1870	7.53
	lb			*18540	15960	*11820	8750	8730	5780	*4700	4140	*4370	4120	(24.7)
0.0 m (0.0 ft)	kg			*7190	6820	5940	3770	3850	2530			*2190	1900	7.36
	lb			*15850	15040	13100	8310	8490	5580			*4830	4190	(24.1)
-1.5 m (-4.9 ft)	kg	*4380	*4380	*9290	6720	5830	3680	3800	2480			*2610	2080	6.85
	lb	*9660	*9660	*20480	14820	12850	8110	8380	5470			*5750	4590	(22.5)
-3.0 m (-9.8 ft)	kg	*7550	*7550	*9450	6790	5840	3690					*3560	2560	5.91
	lb	*16640	*16640	*20830	14970	12870	8140					*7850	5640	(19.4)
-4.5 m (-14.8 ft)	kg			*6970	*6970							*4530	4130	4.29
	lb			*15370	*15370							*9990	9110	(14.1)

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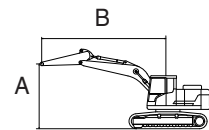
▲ Failure to comply to the rated load can cause serious injury, death, or property damage.











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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4100	1900	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3510	*3510	4.01
	lb									*7740	*7740	(13.2)
4.5 m (14.8 ft)	kg				*4630	4130				*3070	*3070	5.24
	lb				*10210	9110				*6770	*6770	(17.2)
3.0 m (9.8 ft)	kg		*7200	*7200	*5330	3990				*3030	2700	5.83
	lb		*15870	*15870	*11750	8800				*6680	5950	(19.1)
1.5 m (4.9 ft)	kg		*9920	6870	5930	3810	*3240	2530	*3220	2530	6.00	
	lb		*21870	15150	13070	8400	*7140	5580	*7100	5580	(19.7)	
0.0 m (0.0 ft)	kg		*10670	6670	5790	3690			*3730	2630	5.78	
	lb		*23520	14700	12760	8140			*8220	5800	(19.0)	
-1.5 m (-4.9 ft)	kg	*8120	*8120	*9930	6690	5770	3670			4790	3110	5.11
	lb	*17900	*17900	*21890	14750	12720	8090			10560	6860	(16.7)
-3.0 m (-9.8 ft)	kg		*7320	6870						*5530	4920	3.75
	lb		*16140	15150						*12190	10850	(12.3)

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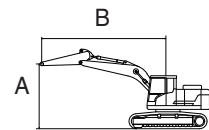
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4100	2100	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach		
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
											m (ft)
6.0 m (19.7 ft)	kg								*3360	*3360	4.26
	lb								*7410	*7410	(14.0)
4.5 m (14.8 ft)	kg			*4380	4150				*3000	*3000	5.43
	lb			*9660	9150				*6610	*6610	(17.8)
3.0 m (9.8 ft)	kg		*6750	*6750	*5120	4000	*3040	2590	*2970	2580	6.01
	lb		*14880	*14880	*11290	8820	*6700	5710	*6550	5690	(19.7)
1.5 m (4.9 ft)	kg		*9590	6900	5930	3810	3820	2530	*3170	2420	6.17
	lb		*21140	15210	13070	8400	8420	5580	*6990	5340	(20.2)
0.0 m (0.0 ft)	kg		*10630	6650	5780	3670			*3660	2510	5.95
	lb		*23440	14660	12740	8090			*8070	5530	(19.5)
-1.5 m (-4.9 ft)	kg	*7660	*7660	*10100	6640	5740	3640		4500	2930	5.30
	lb	*16890	*16890	*22270	14640	12650	8020		9920	6460	(17.4)
-3.0 m (-9.8 ft)	kg		*7850	6800					*5520	4410	4.02
	lb		*17310	14990					*12170	9720	(13.2)

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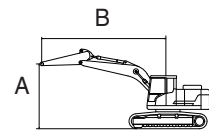
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4100	1900	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3510	*3510	4.01
	lb									*7740	*7740	(13.2)
4.5 m (14.8 ft)	kg				*4630	4340				*3070	*3070	5.24
	lb				*10210	9570				*6770	*6770	(17.2)
3.0 m (9.8 ft)	kg		*7200	*7200	*5330	4200				*3030	2850	5.83
	lb		*15870	*15870	*11750	9260				*6680	6280	(19.1)
1.5 m (4.9 ft)	kg		*9920	7240	6200	4010	*3240	2680	*3220	2680	6.00	
	lb		*21870	15960	13670	8840	*7140	5910	*7100	5910	(19.7)	
0.0 m (0.0 ft)	kg		*10670	7040	6060	3900			*3730	2780	5.78	
	lb		*23520	15520	13360	8600			*8220	6130	(19.0)	
-1.5 m (-4.9 ft)	kg	*8120	*8120	*9930	7050	6040	3880			*4960	3290	5.11
	lb	*17900	*17900	*21890	15540	13320	8550			*10930	7250	(16.7)
-3.0 m (-9.8 ft)	kg		*7320	7240						*5530	5190	3.75
	lb		*16140	15960						*12190	11440	(12.3)

Note 1. Lifting capacity are based on ISO 10567.

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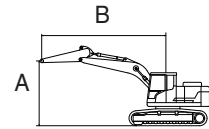
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	MONO BOOM	4100	2100	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3360	*3360	4.26
	lb									*7410	*7410	(14.0)
4.5 m (14.8 ft)	kg				*4380	4360				*3000	*3000	5.43
	lb				*9660	9610				*6610	*6610	(17.8)
3.0 m (9.8 ft)	kg		*6750	*6750	*5120	4210	*3040	2730	*2970	2720	6.01	
	lb		*14880	*14880	*11290	9280	*6700	6020	*6550	6000	(19.7)	
1.5 m (4.9 ft)	kg		*9590	7270	*6150	4020	4000	2670	*3170	2560	6.17	
	lb		*21140	16030	*13560	8860	8820	5890	*6990	5640	(20.2)	
0.0 m (0.0 ft)	kg		*10630	7020	6050	3880			*3660	2650	5.95	
	lb		*23440	15480	13340	8550			*8070	5840	(19.5)	
-1.5 m (-4.9 ft)	kg	*7660	*7660	*10100	7010	6010	3850		4720	3100	5.30	
	lb	*16890	*16890	*22270	15450	13250	8490		10410	6830	(17.4)	
-3.0 m (-9.8 ft)	kg		*7850	7170					*5520	4650	4.02	
	lb		*17310	15810					*12170	10250	(13.2)	

Note 1. Lifting capacity are based on ISO 10567.

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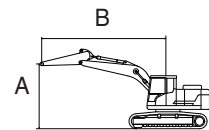
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	2-PIECE BOOM	4939	1900	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg							*4290	*4290	3.42
	lb							*9460	*9460	(11.2)
6.0 m (19.7 ft)	kg			*3680	*3680			*3730	3390	5.26
	lb			*8110	*8110			*8220	7470	(17.3)
4.5 m (14.8 ft)	kg	*4930	*4930	*4060	*4060	*3830	2740	*3420	2560	6.24
	lb	*10870	*10870	*8950	*8950	*8440	6040	*7540	5640	(20.5)
3.0 m (9.8 ft)	kg			*5030	4050	4030	2670	3350	2230	6.75
	lb			*11090	8930	8880	5890	7390	4920	(22.1)
1.5 m (4.9 ft)	kg			6020	3820	3920	2570	3200	2110	6.89
	lb			13270	8420	8640	5670	7050	4650	(22.6)
0.0 m (0.0 ft)	kg			5880	3700	3850	2510	3300	2170	6.70
	lb			12960	8160	8490	5530	7280	4780	(22.0)
-1.5 m (-4.9 ft)	kg	*8200	6780	5860	3680	3850	2510	3750	2450	6.13
	lb	*18080	14950	12920	8110	8490	5530	8270	5400	(20.1)

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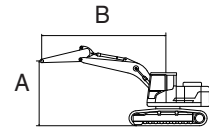
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


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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	2-PIECE BOOM	4939	2100	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg							*3990	*3990	3.77
	lb							*8800	*8800	(12.4)
6.0 m (19.7 ft)	kg			*3460	*3460			*3550	3180	5.50
	lb			*7630	*7630			*7830	7010	(18.0)
4.5 m (14.8 ft)	kg	*4560	*4560	*3870	*3870	*3660	2750	*3280	2440	6.44
	lb	*10050	*10050	*8530	*8530	*8070	6060	*7230	5380	(21.1)
3.0 m (9.8 ft)	kg			*4840	4060	*3990	2670	3220	2140	6.93
	lb			*10670	8950	*8800	5890	7100	4720	(22.7)
1.5 m (4.9 ft)	kg			*5890	3820	3910	2570	3070	2030	7.07
	lb			*12990	8420	8620	5670	6770	4480	(23.2)
0.0 m (0.0 ft)	kg			5860	3680	3830	2490	3160	2080	6.88
	lb			12920	8110	8440	5490	6970	4590	(22.6)
-1.5 m (-4.9 ft)	kg	*7960	6720	5830	3650	3820	2480	3560	2330	6.33
	lb	*17550	14820	12850	8050	8420	5470	7850	5140	(20.8)
-3.0 m (-9.8 ft)	kg			*5810	3730					
	lb			*12810	8220					

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.

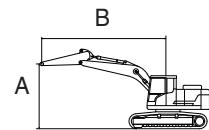
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A L	2-PIECE BOOM	4939	2500	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg						*2990	*2990	4.50	
	lb						*6590	*6590	(14.8)	
6.0 m (19.7 ft)	kg		*3030	*3030	*2530	*2530	*2460	*2460	6.01	
	lb		*6680	*6680	*5580	*5580	*5420	*5420	(19.7)	
4.5 m (14.8 ft)	kg		*3480	*3480	*3350	2770	*2280	2190	6.88	
	lb		*7670	*7670	*7390	6110	*5030	4830	(22.6)	
3.0 m (9.8 ft)	kg		*4470	4100	*3740	2680	*2250	1940	7.34	
	lb		*9850	9040	*8250	5910	*4960	4280	(24.1)	
1.5 m (4.9 ft)	kg		*5580	3830	3910	2560	*2330	1850	7.48	
	lb		*12300	8440	8620	5640	*5140	4080	(24.5)	
0.0 m (0.0 ft)	kg	*3860	*3860	5840	3650	3810	2470	*2550	1880	7.30
	lb	*8510	*8510	12870	8050	8400	5450	*5620	4140	(23.9)
-1.5 m (-4.9 ft)	kg	*7200	6610	5780	3600	3770	2430	*2980	2080	6.78
	lb	*15870	14570	12740	7940	8310	5360	*6570	4590	(22.3)
-3.0 m (-9.8 ft)	kg	5830	3650	5830	3650			*2980	2080	6.78
	lb	12850	8050	12850	8050			*6570	4590	(22.3)

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).

4. *Indicates load limited by hydraulic capacity.

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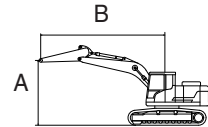
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






2) HX140A LD

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4600	1900	2100	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*4200	*4200			*3650	*3650	4.73
	lb					*9260	*9260			*8050	*8050	(15.5)
4.5 m (14.8 ft)	kg					*4340	*4340			*3340	3140	5.80
	lb					*9570	*9570			*7360	6920	(19.0)
3.0 m (9.8 ft)	kg					*5220	4480	*4420	2940	*3330	2690	6.35
	lb					*11510	9880	*9740	6480	*7340	5930	(20.8)
1.5 m (4.9 ft)	kg					*6220	4270	*4790	2860	*3550	2550	6.50
	lb					*13710	9410	*10560	6310	*7830	5620	(21.3)
0.0 m (0.0 ft)	kg			*5760	*5760	*6760	4150	*5000	2800	*4050	2630	6.29
	lb			*12700	*12700	*14900	9150	*11020	6170	*8930	5800	(20.6)
-1.5 m (-4.9 ft)	kg	*5710	*5710	*9710	7690	*6600	4130			*4960	3020	5.68
	lb	*12590	*12590	*21410	16950	*14550	9110			*10930	6660	(18.6)
-3.0 m (-9.8 ft)	kg			*7880	7850	*5100	4250			*5080	4240	4.51
	lb			*17370	17310	*11240	9370			*11200	9350	(14.8)

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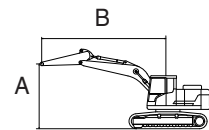
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4600	1900	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*4200	*4200			*3650	*3650	4.73
	lb					*9260	*9260			*8050	*8050	(15.5)
4.5 m (14.8 ft)	kg					*4340	4290			*3340	2890	5.80
	lb					*9570	9460			*7360	6370	(19.0)
3.0 m (9.8 ft)	kg					*5220	4100	3830	2700	*3330	2470	6.35
	lb					*11510	9040	8440	5950	*7340	5450	(20.8)
1.5 m (4.9 ft)	kg					5770	3900	3740	2620	3330	2340	6.50
	lb					12720	8600	8250	5780	7340	5160	(21.3)
0.0 m (0.0 ft)	kg			*5760	*5760	5630	3780	3690	2570	3450	2410	6.29
	lb			*12700	*12700	12410	8330	8140	5670	7610	5310	(20.6)
-1.5 m (-4.9 ft)	kg	*5710	*5710	*9710	6870	5610	3760			3990	2760	5.68
	lb	*12590	*12590	*21410	15150	12370	8290			8800	6080	(18.6)
-3.0 m (-9.8 ft)	kg			*7880	7030	*5100	3880			*5080	3870	4.51
	lb			*17370	15500	*11240	8550			*11200	8530	(14.8)

Note 1. Lifting capacity are based on ISO 10567.

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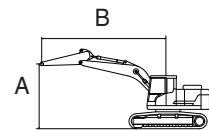
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.












▲ **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	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2100	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												
6.0 m (19.7 ft)	kg lb					*3910 *8620	*3910 *8620			*3480 *7670	*3480 *7670	4.97 (16.3)
4.5 m (14.8 ft)	kg lb					*4130 *9110	*4130 *9110			*3220 *7100	2990 6590	5.99 (19.7)
3.0 m (9.8 ft)	kg lb			*7310 *16120	*7310 *16120	*5030 *11090	4500 9920	*4280 *9440	2940 6480	*3230 *7120	2580 5690	6.52 (21.4)
1.5 m (4.9 ft)	kg lb					*6080 *13400	4270 9410	*4690 *10340	2850 6280	*3440 *7580	2450 5400	6.67 (21.9)
0.0 m (0.0 ft)	kg lb			*6170 *13600	*6170 *13600	*6700 *14770	4140 9130	*4960 *10930	2790 6150	*3920 *8640	2520 5560	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*5500 *12130	*5500 *12130	*9880 *21780	7640 16840	*6640 *14640	4110 9060			*4820 *10630	2860 6310	5.88 (19.3)
-3.0 m (-9.8 ft)	kg lb			*8240 *18170	7790 17170	*5480 *12080	4200 9260			*5010 *11050	3900 8600	4.75 (15.6)

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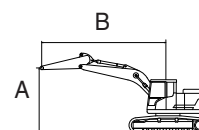
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


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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4600	2100	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3910	*3910			*3480	*3480	4.97
	lb					*8620	*8620			*7670	*7670	(16.3)
4.5 m (14.8 ft)	kg					*4130	*4130			*3220	2750	5.99
	lb					*9110	*9110			*7100	6060	(19.7)
3.0 m (9.8 ft)	kg		*7310	*7310	*5030	4110	3830	2700	*3230	2370	6.52	
	lb		*16120	*16120	*11090	9060	8440	5950	*7120	5220	(21.4)	
1.5 m (4.9 ft)	kg				5770	3900	3740	2610	3190	2240	6.67	
	lb				12720	8600	8250	5750	7030	4940	(21.9)	
0.0 m (0.0 ft)	kg		*6170	*6170	5620	3760	3670	2550	3300	2310	6.47	
	lb		*13600	*13600	12390	8290	8090	5620	7280	5090	(21.2)	
-1.5 m (-4.9 ft)	kg	*5500	*5500	*9880	6820	5580	3730		3780	2620	5.88	
	lb	*12130	*12130	*21780	15040	12300	8220		8330	5780	(19.3)	
-3.0 m (-9.8 ft)	kg		*8240	6960	*5480	3820			*5010	3560	4.75	
	lb		*18170	15340	*12080	8420			*11050	7850	(15.6)	

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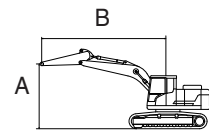
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2100	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3400	*3400			*2400	*2400	5.50
	lb					*7500	*7500			*5290	*5290	(18.0)
4.5 m (14.8 ft)	kg					*3700	*3700	*3500	3010	*2220	*2220	6.44
	lb					*8160	*8160	*7720	6640	*4890	*4890	(21.1)
3.0 m (9.8 ft)	kg			*6380	*6380	*4640	4530	*4010	2940	*2210	*2210	6.93
	lb			*14070	*14070	*10230	9990	*8840	6480	*4870	*4870	(22.7)
1.5 m (4.9 ft)	kg			*7060	*7060	*5760	4280	*4490	2840	*2320	2230	7.07
	lb			*15560	*15560	*12700	9440	*9900	6260	*5110	4920	(23.2)
0.0 m (0.0 ft)	kg			*6550	*6550	*6540	4110	*4860	2760	*2600	2280	6.88
	lb			*14440	*14440	*14420	9060	*10710	6080	*5730	5030	(22.6)
-1.5 m (-4.9 ft)	kg	*4890	*4890	*10080	7550	*6680	4060	*4830	2730	*3170	2550	6.34
	lb	*10780	*10780	*22220	16640	*14730	8950	*10650	6020	*6990	5620	(20.8)
-3.0 m (-9.8 ft)	kg	*9020	*9020	*8830	7660	*5930	4110			*4580	3290	5.31
	lb	*19890	*19890	*19470	16890	*13070	9060			*10100	7250	(17.4)

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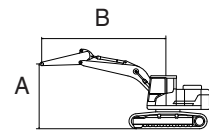
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


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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3400	*3400			*2400	*2400	5.50
	lb					*7500	*7500			*5290	*5290	(18.0)
4.5 m (14.8 ft)	kg					*3700	*3700	*3500	2770	*2220	*2220	6.44
	lb					*8160	*8160	*7720	6110	*4890	*4890	(21.1)
3.0 m (9.8 ft)	kg			*6380	*6380	*4640	4140	3840	2700	*2210	2150	6.93
	lb			*14070	*14070	*10230	9130	8470	5950	*4870	4740	(22.7)
1.5 m (4.9 ft)	kg			*7060	7030	*5760	3900	3730	2600	*2320	2040	7.07
	lb			*15560	15500	*12700	8600	8220	5730	*5110	4500	(23.2)
0.0 m (0.0 ft)	kg			*6550	*6550	5600	3740	3640	2520	*2600	2090	6.88
	lb			*14440	*14440	12350	8250	8020	5560	*5730	4610	(22.6)
-1.5 m (-4.9 ft)	kg	*4890	*4890	*10080	6730	5530	3680	3620	2500	*3170	2330	6.34
	lb	*10780	*10780	*22220	14840	12190	8110	7980	5510	*6990	5140	(20.8)
-3.0 m (-9.8 ft)	kg	*9020	*9020	*8830	6840	5590	3730			4380	3000	5.31
	lb	*19890	*19890	*19470	15080	12320	8220			9660	6610	(17.4)

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).
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※ 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.

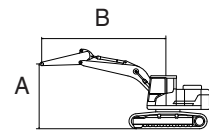
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2100	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)										At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
													m (ft)	
7.5 m (24.6 ft)	kg					*2600	*2600					*2390	*2390	4.59
	lb					*5730	*5730					*5270	*5270	(15.1)
6.0 m (19.7 ft)	kg							*2240	*2240			*2010	*2010	6.08
	lb							*4940	*4940			*4430	*4430	(20.0)
4.5 m (14.8 ft)	kg							*3290	3060			*1880	*1880	6.94
	lb							*7250	6750			*4140	*4140	(22.8)
3.0 m (9.8 ft)	kg			*5260	*5260	*4140	*4140	*3680	2970			*1880	*1880	7.40
	lb			*11600	*11600	*9130	*9130	*8110	6550			*4140	*4140	(24.3)
1.5 m (4.9 ft)	kg			*8410	8050	*5360	4340	*4240	2860	*2130	2050	*1980	*1980	7.53
	lb			*18540	17750	*11820	9570	*9350	6310	*4700	4520	*4370	*4370	(24.7)
0.0 m (0.0 ft)	kg			*7190	*7190	*6310	4130	*4710	2760			*2190	2070	7.36
	lb			*15850	*15850	*13910	9110	*10380	6080			*4830	4560	(24.1)
-1.5 m (-4.9 ft)	kg	*4380	*4380	*9290	7510	*6680	4040	*4880	2710			*2610	2270	6.85
	lb	*9660	*9660	*20480	16560	*14730	8910	*10760	5970			*5750	5000	(22.5)
-3.0 m (-9.8 ft)	kg	*7550	*7550	*9450	7580	*6290	4050					*3560	2800	5.91
	lb	*16640	*16640	*20830	16710	*13870	8930					*7850	6170	(19.4)
-4.5 m (-14.8 ft)	kg			*6970	*6970							*4530	4530	4.29
	lb			*15370	*15370							*9990	9990	(14.1)

Note 1. Lifting capacity are based on ISO 10567.

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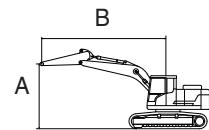
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
Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)										At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
													m (ft)	
7.5 m (24.6 ft)	kg					*2600	*2600					*2390	*2390	4.59
	lb					*5730	*5730					*5270	*5270	(15.1)
6.0 m (19.7 ft)	kg							*2240	*2240			*2010	*2010	6.08
	lb							*4940	*4940			*4430	*4430	(20.0)
4.5 m (14.8 ft)	kg							*3290	2810			*1880	*1880	6.94
	lb							*7250	6190			*4140	*4140	(22.8)
3.0 m (9.8 ft)	kg			*5260	*5260	*4140	*4140	*3680	2730			*1880	*1880	7.40
	lb			*11600	*11600	*9130	*9130	*8110	6020			*4140	*4140	(24.3)
1.5 m (4.9 ft)	kg			*8410	7210	*5360	3960	3750	2610	*2130	1870	*1980	1860	7.53
	lb			*18540	15900	*11820	8730	8270	5750	*4700	4120	*4370	4100	(24.7)
0.0 m (0.0 ft)	kg			*7190	6800	5620	3760	3640	2520			*2190	1890	7.36
	lb			*15850	14990	12390	8290	8020	5560			*4830	4170	(24.1)
-1.5 m (-4.9 ft)	kg	*4380	*4380	*9290	6700	5520	3660	3590	2470			*2610	2070	6.85
	lb	*9660	*9660	*20480	14770	12170	8070	7910	5450			*5750	4560	(22.5)
-3.0 m (-9.8 ft)	kg	*7550	*7550	*9450	6760	5530	3680					*3560	2550	5.91
	lb	*16640	*16640	*20830	14900	12190	8110					*7850	5620	(19.4)
-4.5 m (-14.8 ft)	kg			*6970	*6970							*4530	4110	4.29
	lb			*15370	*15370							*9990	9060	(14.1)

Note 1. Lifting capacity are based on ISO 10567.

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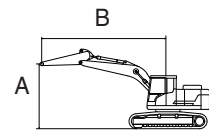
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Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	1900	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb					*4200 *9260	*4200 *9260			*3650 *8050	*3650 *8050	4.73 (15.5)
4.5 m (14.8 ft)	kg lb					*4340 *9570	*4340 *9570			*3340 *7360	3300 7280	5.80 (19.0)
3.0 m (9.8 ft)	kg lb					*5220 *11510	4700 10360	*4420 *9740	3090 6810	*3330 *7340	2830 6240	6.35 (20.8)
1.5 m (4.9 ft)	kg lb					*6220 *13710	4490 9900	*4790 *10560	3010 6640	*3550 *7830	2690 5930	6.50 (21.3)
0.0 m (0.0 ft)	kg lb			*5760 *12700	*5760 *12700	*6760 *14900	4370 9630	*5000 *11020	2950 6500	*4050 *8930	2780 6130	6.29 (20.6)
-1.5 m (-4.9 ft)	kg lb	*5710 *12590	*5710 *12590	*9710 *21410	8090 17840	*6600 *14550	4350 9590			*4960 *10930	3180 7010	5.68 (18.6)
-3.0 m (-9.8 ft)	kg lb			*7880 *17370	*7880 *17370	*5100 *11240	4470 9850			*5080 *11200	4460 9830	4.51 (14.8)

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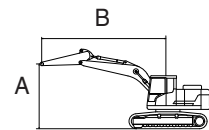
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	1900	2400	600	-	Up	-	-	-

·  : Rating over-front

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Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*4200	*4200			*3650	*3650	4.73
	lb					*9260	*9260			*8050	*8050	(15.5)
4.5 m (14.8 ft)	kg					*4340	*4340			*3340	3040	5.80
	lb					*9570	*9570			*7360	6700	(19.0)
3.0 m (9.8 ft)	kg					*5220	4310	4010	2840	*3330	2610	6.35
	lb					*11510	9500	8840	6260	*7340	5750	(20.8)
1.5 m (4.9 ft)	kg					6040	4100	3920	2760	3490	2470	6.50
	lb					13320	9040	8640	6080	7690	5450	(21.3)
0.0 m (0.0 ft)	kg			*5760	*5760	5900	3980	3870	2710	3620	2550	6.29
	lb			*12700	*12700	13010	8770	8530	5970	7980	5620	(20.6)
-1.5 m (-4.9 ft)	kg	*5710	*5710	*9710	7240	5880	3970			4180	2920	5.68
	lb	*12590	*12590	*21410	15960	12960	8750			9220	6440	(18.6)
-3.0 m (-9.8 ft)	kg			*7880	7400	*5100	4080			*5080	4070	4.51
	lb			*17370	16310	*11240	8990			*11200	8970	(14.8)

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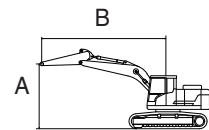
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









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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												
6.0 m (19.7 ft)	kg lb					*3910 *8620	*3910 *8620			*3480 *7670	*3480 *7670	4.97 (16.3)
4.5 m (14.8 ft)	kg lb					*4130 *9110	*4130 *9110			*3220 *7100	3140 6920	5.99 (19.7)
3.0 m (9.8 ft)	kg lb			*7310 *16120	*7310 *16120	*5030 *11090	4720 10410	*4280 *9440	3090 6810	*3230 *7120	2720 6000	6.52 (21.4)
1.5 m (4.9 ft)	kg lb					*6080 *13400	4490 9900	*4690 *10340	3000 6610	*3440 *7580	2580 5690	6.67 (21.9)
0.0 m (0.0 ft)	kg lb			*6170 *13600	*6170 *13600	*6700 *14770	4350 9590	*4960 *10930	2940 6480	*3920 *8640	2660 5860	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*5500 *12130	*5500 *12130	*9880 *21780	8030 17700	*6640 *14640	4320 9520			*4820 *10630	3020 6660	5.88 (19.3)
-3.0 m (-9.8 ft)	kg lb			*8240 *18170	8180 18030	*5480 *12080	4410 9720			*5010 *11050	4100 9040	4.75 (15.6)

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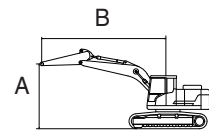
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




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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2400	600	-	Up	-	-	-

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Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3910	*3910			*3480	*3480	4.97 (16.3)
	lb					*8620	*8620			*7670	*7670	
4.5 m (14.8 ft)	kg					*4130	*4130			*3220	2890	5.99 (19.7)
	lb					*9110	*9110			*7100	6370	
3.0 m (9.8 ft)	kg		*7310	*7310	*5030	4320	4010	2840	*3230	2500	6.52 (21.4)	
	lb		*16120	*16120	*11090	9520	8840	6260	*7120	5510		
1.5 m (4.9 ft)	kg				6040	4100	3920	2750	3350	2370	6.67 (21.9)	
	lb				13320	9040	8640	6060	7390	5220		
0.0 m (0.0 ft)	kg		*6170	*6170	5890	3970	3850	2690	3460	2440	6.47 (21.2)	
	lb		*13600	*13600	12990	8750	8490	5930	7630	5380		
-1.5 m (-4.9 ft)	kg	*5500	*5500	*9880	7190	5850	3940		3960	2770	5.88 (19.3)	
	lb	*12130	*12130	*21780	15850	12900	8690		8730	6110		
-3.0 m (-9.8 ft)	kg		*8240	7330	*5480	4030			*5010	3750	4.75 (15.6)	
	lb		*18170	16160	*12080	8880			*11050	8270		

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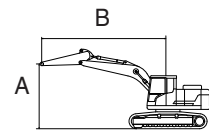
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








▲ **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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4600	2500	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3400	*3400			*2400	*2400	5.50
	lb					*7500	*7500			*5290	*5290	(18.0)
4.5 m (14.8 ft)	kg					*3700	*3700	*3500	3160	*2220	*2220	6.44
	lb					*8160	*8160	*7720	6970	*4890	*4890	(21.1)
3.0 m (9.8 ft)	kg			*6380	*6380	*4640	*4640	*4010	3090	*2210	*2210	6.93
	lb			*14070	*14070	*10230	*10230	*8840	6810	*4870	*4870	(22.7)
1.5 m (4.9 ft)	kg			*7060	*7060	*5760	4500	*4490	2990	*2320	*2320	7.07
	lb			*15560	*15560	*12700	9920	*9900	6590	*5110	*5110	(23.2)
0.0 m (0.0 ft)	kg			*6550	*6550	*6540	4330	*4860	2910	*2600	2410	6.88
	lb			*14440	*14440	*14420	9550	*10710	6420	*5730	5310	(22.6)
-1.5 m (-4.9 ft)	kg	*4890	*4890	*10080	7940	*6680	4270	*4830	2890	*3170	2690	6.34
	lb	*10780	*10780	*22220	17500	*14730	9410	*10650	6370	*6990	5930	(20.8)
-3.0 m (-9.8 ft)	kg	*9020	*9020	*8830	8060	*5930	4330			*4580	3460	5.31
	lb	*19890	*19890	*19470	17770	*13070	9550			*10100	7630	(17.4)

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).
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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.

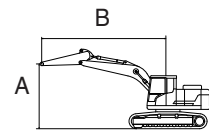
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2400	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3400	*3400			*2400	*2400	5.50
	lb					*7500	*7500			*5290	*5290	(18.0)
4.5 m (14.8 ft)	kg					*3700	*3700	*3500	2910	*2220	*2220	6.44
	lb					*8160	*8160	*7720	6420	*4890	*4890	(21.1)
3.0 m (9.8 ft)	kg			*6380	*6380	*4640	4350	*4010	2840	*2210	*2210	6.93
	lb			*14070	*14070	*10230	9590	*8840	6260	*4870	*4870	(22.7)
1.5 m (4.9 ft)	kg			*7060	*7060	*5760	4110	3910	2740	*2320	2160	7.07
	lb			*15560	*15560	*12700	9060	8620	6040	*5110	4760	(23.2)
0.0 m (0.0 ft)	kg			*6550	*6550	5870	3950	3820	2660	*2600	2210	6.88
	lb			*14440	*14440	12940	8710	8420	5860	*5730	4870	(22.6)
-1.5 m (-4.9 ft)	kg	*4890	*4890	*10080	7100	5800	3890	3800	2640	*3170	2470	6.34
	lb	*10780	*10780	*22220	15650	12790	8580	8380	5820	*6990	5450	(20.8)
-3.0 m (-9.8 ft)	kg	*9020	*9020	*8830	7210	5860	3940			*4580	3170	5.31
	lb	*19890	*19890	*19470	15900	12920	8690			*10100	6990	(17.4)

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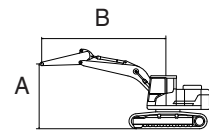
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb					*2600 *5730	*2600 *5730					*2390 *5270	*2390 *5270	4.59 (15.1)
6.0 m (19.7 ft)	kg lb							*2240 *4940	*2240 *4940			*2010 *4430	*2010 *4430	6.08 (20.0)
4.5 m (14.8 ft)	kg lb							*3290 *7250	3210 7080			*1880 *4140	*1880 *4140	6.94 (22.8)
3.0 m (9.8 ft)	kg lb			*5260 *11600	*5260 *11600	*4140 *9130	*4140 *9130	*3680 *8110	3120 6880			*1880 *4140	*1880 *4140	7.40 (24.3)
1.5 m (4.9 ft)	kg lb			*8410 *18540	*8410 *18540	*5360 *11820	4560 10050	*4240 *9350	3010 6640	*2130 *4700	*2130 *4700	*1980 *4370	*1980 *4370	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7190 *15850	*7190 *15850	*6310 *13910	4350 9590	*4710 *10380	2910 6420			*2190 *4830	*2190 4830	7.36 (24.1)
-1.5 m (-4.9 ft)	kg lb	*4380 *9660	*4380 *9660	*9290 *20480	7910 17440	*6680 *14730	4260 9390	*4880 *10760	2860 6310			*2610 *5750	2400 5290	6.85 (22.5)
-3.0 m (-9.8 ft)	kg lb	*7550 *16640	*7550 *16640	*9450 *20830	7970 17570	*6290 *13870	4270 9410					*3560 *7850	2950 6500	5.91 (19.4)
-4.5 m (-14.8 ft)	kg lb			*6970 *15370	*6970 *15370							*4530 *9990	*4530 *9990	4.29 (14.1)

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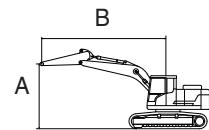
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Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2400	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)										At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
													m (ft)	
7.5 m (24.6 ft)	kg					*2600	*2600					*2390	*2390	4.59
	lb					*5730	*5730					*5270	*5270	(15.1)
6.0 m (19.7 ft)	kg							*2240	*2240			*2010	*2010	6.08
	lb							*4940	*4940			*4430	*4430	(20.0)
4.5 m (14.8 ft)	kg							*3290	2960			*1880	*1880	6.94
	lb							*7250	6530			*4140	*4140	(22.8)
3.0 m (9.8 ft)	kg			*5260	*5260	*4140	*4140	*3680	2870			*1880	*1880	7.40
	lb			*11600	*11600	*9130	*9130	*8110	6330			*4140	*4140	(24.3)
1.5 m (4.9 ft)	kg			*8410	7580	*5360	4160	3930	2760	*2130	1980	*1980	1970	7.53
	lb			*18540	16710	*11820	9170	8660	6080	*4700	4370	*4370	4340	(24.7)
0.0 m (0.0 ft)	kg			*7190	7170	5890	3960	3820	2660			*2190	2000	7.36
	lb			*15850	15810	12990	8730	8420	5860			*4830	4410	(24.1)
-1.5 m (-4.9 ft)	kg	*4380	*4380	*9290	7070	5790	3870	3770	2610			*2610	2200	6.85
	lb	*9660	*9660	*20480	15590	12760	8530	8310	5750			*5750	4850	(22.5)
-3.0 m (-9.8 ft)	kg	*7550	*7550	*9450	7130	5800	3880					*3560	2700	5.91
	lb	*16640	*16640	*20830	15720	12790	8550					*7850	5950	(19.4)
-4.5 m (-14.8 ft)	kg			*6970	*6970							*4530	4330	4.29
	lb			*15370	*15370							*9990	9550	(14.1)

Note 1. Lifting capacity are based on ISO 10567.

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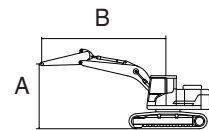
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








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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	2100	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3510	*3510	4.01
	lb									*7740	*7740	(13.2)
4.5 m (14.8 ft)	kg				*4630	*4630				*3070	*3070	5.24
	lb				*10210	*10210				*6770	*6770	(17.2)
3.0 m (9.8 ft)	kg		*7200	*7200	*5330	4570				*3030	*3030	5.83
	lb		*15870	*15870	*11750	10080				*6680	*6680	(19.1)
1.5 m (4.9 ft)	kg		*9920	8050	*6300	4380	*3240	2910		*3220	2900	6.00
	lb		*21870	17750	*13890	9660	*7140	6420		*7100	6390	(19.7)
0.0 m (0.0 ft)	kg		*10670	7840	*6880	4260				*3730	3020	5.78
	lb		*23520	17280	*15170	9390				*8220	6660	(19.0)
-1.5 m (-4.9 ft)	kg	*8120	*8120	*9930	7850	*6570	4240			*4960	3580	5.11
	lb	*17900	*17900	*21890	17310	*14480	9350			*10930	7890	(16.7)
-3.0 m (-9.8 ft)	kg		*7320	*7320						*5530	*5530	3.75
	lb		*16140	*16140						*12190	*12190	(12.3)

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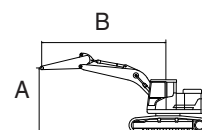
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4100	1900	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3510	*3510	4.01
	lb									*7740	*7740	(13.2)
4.5 m (14.8 ft)	kg				*4630	4320				*3070	*3070	5.24
	lb				*10210	9520				*6770	*6770	(17.2)
3.0 m (9.8 ft)	kg		*7200	*7200	*5330	4180				*3030	2840	5.83
	lb		*15870	*15870	*11750	9220				*6680	6260	(19.1)
1.5 m (4.9 ft)	kg		*9920	7210	5880	4000	*3240	2670	*3220	2670	6.00	
	lb		*21870	15900	12960	8820	*7140	5890	*7100	5890	(19.7)	
0.0 m (0.0 ft)	kg		*10670	7010	5750	3880			*3730	2770	5.78	
	lb		*23520	15450	12680	8550			*8220	6110	(19.0)	
-1.5 m (-4.9 ft)	kg	*8120	*8120	*9930	7030	5730	3870			4750	3280	5.11
	lb	*17900	*17900	*21890	15500	12630	8530			10470	7230	(16.7)
-3.0 m (-9.8 ft)	kg		*7320	7210						*5530	5170	3.75
	lb		*16140	15900						*12190	11400	(12.3)

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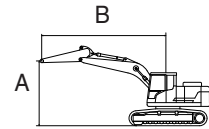
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4100	2100	2100	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3360	*3360	4.26
	lb									*7410	*7410	(14.0)
4.5 m (14.8 ft)	kg				*4380	*4380				*3000	*3000	5.43
	lb				*9660	*9660				*6610	*6610	(17.8)
3.0 m (9.8 ft)	kg		*6750	*6750	*5120	4580	*3040	2960	*2970	2950	6.01	
	lb		*14880	*14880	*11290	10100	*6700	6530	*6550	6500	(19.7)	
1.5 m (4.9 ft)	kg		*9590	8080	*6150	4380	*4490	2900	*3170	2780	6.17	
	lb		*21140	17810	*13560	9660	*9900	6390	*6990	6130	(20.2)	
0.0 m (0.0 ft)	kg		*10630	7820	*6810	4240			*3660	2890	5.95	
	lb		*23440	17240	*15010	9350			*8070	6370	(19.5)	
-1.5 m (-4.9 ft)	kg	*7660	*7660	*10100	7810	*6660	4210		*4810	3370	5.30	
	lb	*16890	*16890	*22270	17220	*14680	9280		*10600	7430	(17.4)	
-3.0 m (-9.8 ft)	kg		*7850	*7850					*5520	5090	4.02	
	lb		*17310	*17310					*12170	11220	(13.2)	

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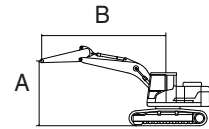
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4100	2100	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3360	*3360	4.26
	lb									*7410	*7410	(14.0)
4.5 m (14.8 ft)	kg				*4380	4340				*3000	*3000	5.43
	lb				*9660	9570				*6610	*6610	(17.8)
3.0 m (9.8 ft)	kg		*6750	*6750	*5120	4190	*3040	2720	*2970	2710	6.01	
	lb		*14880	*14880	*11290	9240	*6700	6000	*6550	5970	(19.7)	
1.5 m (4.9 ft)	kg		*9590	7240	5890	4000	3790	2660	*3170	2550	6.17	
	lb		*21140	15960	12990	8820	8360	5860	*6990	5620	(20.2)	
0.0 m (0.0 ft)	kg		*10630	7000	5730	3870			*3660	2640	5.95	
	lb		*23440	15430	12630	8530			*8070	5820	(19.5)	
-1.5 m (-4.9 ft)	kg	*7660	*7660	*10100	6980	5700	3840		4470	3090	5.30	
	lb	*16890	*16890	*22270	15390	12570	8470		9850	6810	(17.4)	
-3.0 m (-9.8 ft)	kg		*7850	7140					*5520	4630	4.02	
	lb		*17310	15740					*12170	10210	(13.2)	

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ **Lifting capacities are based upon a standard machine conditions.**

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

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

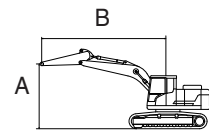
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


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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4100	1900	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3510	*3510	4.01
	lb									*7740	*7740	(13.2)
4.5 m (14.8 ft)	kg				*4630	*4630				*3070	*3070	5.24
	lb				*10210	*10210				*6770	*6770	(17.2)
3.0 m (9.8 ft)	kg		*7200	*7200	*5330	4780				*3030	*3030	5.83
	lb		*15870	*15870	*11750	10540				*6680	*6680	(19.1)
1.5 m (4.9 ft)	kg		*9920	8440	*6300	4600	*3240	3060	*3220	3060	6.00	
	lb		*21870	18610	*13890	10140	*7140	6750	*7100	6750	(19.7)	
0.0 m (0.0 ft)	kg		*10670	8230	*6880	4480			*3730	3180	5.78	
	lb		*23520	18140	*15170	9880			*8220	7010	(19.0)	
-1.5 m (-4.9 ft)	kg	*8120	*8120	*9930	8250	*6570	4460		*4960	3770	5.11	
	lb	*17900	*17900	*21890	18190	*14480	9830		*10930	8310	(16.7)	
-3.0 m (-9.8 ft)	kg		*7320	*7320					*5530	*5530	3.75	
	lb		*16140	*16140					*12190	*12190	(12.3)	

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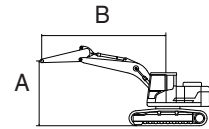
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	2400	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3510	*3510	4.01
	lb									*7740	*7740	(13.2)
4.5 m (14.8 ft)	kg				*4630	4530				*3070	*3070	5.24
	lb				*10210	9990				*6770	*6770	(17.2)
3.0 m (9.8 ft)	kg		*7200	*7200	*5330	4390				*3030	2980	5.83
	lb		*15870	*15870	*11750	9680				*6680	6570	(19.1)
1.5 m (4.9 ft)	kg		*9920	7580	6150	4210	*3240	2810	*3220	2810	6.00	
	lb		*21870	16710	13560	9280	*7140	6190	*7100	6190	(19.7)	
0.0 m (0.0 ft)	kg		*10670	7380	6020	4090			*3730	2920	5.78	
	lb		*23520	16270	13270	9020			*8220	6440	(19.0)	
-1.5 m (-4.9 ft)	kg	*8120	*8120	*9930	7400	6000	4070			*4960	3450	5.11
	lb	*17900	*17900	*21890	16310	13230	8970			*10930	7610	(16.7)
-3.0 m (-9.8 ft)	kg		*7320	*7320						*5530	5440	3.75
	lb		*16140	*16140						*12190	11990	(12.3)

Note 1. Lifting capacity are based on ISO 10567.

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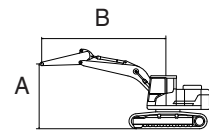
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	2100	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3360	*3360	4.26
	lb									*7410	*7410	(14.0)
4.5 m (14.8 ft)	kg				*4380	*4380				*3000	*3000	5.43
	lb				*9660	*9660				*6610	*6610	(17.8)
3.0 m (9.8 ft)	kg		*6750	*6750	*5120	4800	*3040	*3040	*2970	*2970	*2970	6.01
	lb		*14880	*14880	*11290	10580	*6700	*6700	*6550	*6550	*6550	(19.7)
1.5 m (4.9 ft)	kg		*9590	8470	*6150	4600	*4490	3050	*3170	2930	2930	6.17
	lb		*21140	18670	*13560	10140	*9900	6720	*6990	6460	6460	(20.2)
0.0 m (0.0 ft)	kg		*10630	8210	*6810	4460			*3660	3040	3040	5.95
	lb		*23440	18100	*15010	9830			*8070	6700	6700	(19.5)
-1.5 m (-4.9 ft)	kg	*7660	*7660	*10100	8200	*6660	4430			*4810	3550	5.30
	lb	*16890	*16890	*22270	18080	*14680	9770			*10600	7830	(17.4)
-3.0 m (-9.8 ft)	kg		*7850	*7850						*5520	5350	4.02
	lb		*17310	*17310						*12170	11790	(13.2)

Note 1. Lifting capacity are based on ISO 10567.

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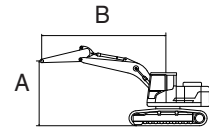
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	2100	2400	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3360	*3360	4.26
	lb									*7410	*7410	(14.0)
4.5 m (14.8 ft)	kg				*4380	*4380				*3000	*3000	5.43
	lb				*9660	*9660				*6610	*6610	(17.8)
3.0 m (9.8 ft)	kg		*6750	*6750	*5120	4400	*3040	2860	*2970	2860	6.01	
	lb		*14880	*14880	*11290	9700	*6700	6310	*6550	6310	(19.7)	
1.5 m (4.9 ft)	kg		*9590	7610	*6150	4210	3970	2810	*3170	2690	6.17	
	lb		*21140	16780	*13560	9280	8750	6190	*6990	5930	(20.2)	
0.0 m (0.0 ft)	kg		*10630	7360	6000	4070			*3660	2790	5.95	
	lb		*23440	16230	13230	8970			*8070	6150	(19.5)	
-1.5 m (-4.9 ft)	kg	*7660	*7660	*10100	7350	5970	4040		4680	3250	5.30	
	lb	*16890	*16890	*22270	16200	13160	8910		10320	7170	(17.4)	
-3.0 m (-9.8 ft)	kg		*7850	7510					*5520	4870	4.02	
	lb		*17310	16560					*12170	10740	(13.2)	

Note 1. Lifting capacity are based on ISO 10567.

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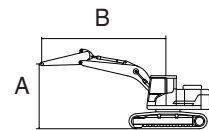
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4939	1900	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg lb							*4290 *9460	*4290 *9460	3.42 (11.2)
6.0 m (19.7 ft)	kg lb			*3680 *8110	*3680 *8110			*3730 *8220	*3730 *8220	5.26 (17.3)
4.5 m (14.8 ft)	kg lb	*4930 *10870	*4930 *10870	*4060 *8950	*4060 *8950	*3830 *8440	3130 6900	*3420 *7540	2930 6460	6.24 (20.5)
3.0 m (9.8 ft)	kg lb			*5030 *11090	4640 10230	*4120 *9080	3060 6750	*3370 *7430	2550 5620	6.75 (22.1)
1.5 m (4.9 ft)	kg lb			*6040 *13320	4400 9700	*4550 *10030	2960 6530	*3530 *7780	2430 5360	6.89 (22.6)
0.0 m (0.0 ft)	kg lb			*6580 *14510	4280 9440	*4850 *10690	2890 6370	*3910 *8620	2500 5510	6.70 (22.0)
-1.5 m (-4.9 ft)	kg lb	*8200 *18080	7970 17570	*6530 *14400	4260 9390	*4710 *10380	2900 6390	*4550 *10030	2820 6220	6.13 (20.1)

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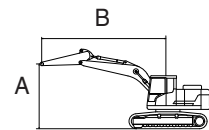
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


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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4939	1900	2400	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg lb							*4290 *9460	*4290 *9460	3.42 (11.2)
6.0 m (19.7 ft)	kg lb			*3680 *8110	*3680 *8110			*3730 *8220	3550 7830	5.26 (17.3)
4.5 m (14.8 ft)	kg lb	*4930 *10870	*4930 *10870	*4060 *8950	*4060 *8950	*3830 *8440	2880 6350	*3420 *7540	2690 5930	6.24 (20.5)
3.0 m (9.8 ft)	kg lb			*5030 *11090	4240 9350	4000 8820	2810 6190	3330 7340	2340 5160	6.75 (22.1)
1.5 m (4.9 ft)	kg lb			5970 13160	4010 8840	3890 8580	2710 5970	3180 7010	2230 4920	6.89 (22.6)
0.0 m (0.0 ft)	kg lb			5830 12850	3890 8580	3820 8420	2640 5820	3280 7230	2290 5050	6.70 (22.0)
-1.5 m (-4.9 ft)	kg lb	*8200 *18080	7120 15700	5820 12830	3870 8530	3830 8440	2650 5840	3720 8200	2580 5690	6.13 (20.1)

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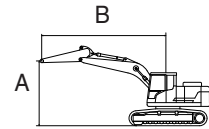
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4939	2100	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg							*3990	*3990	3.77
	lb							*8800	*8800	(12.4)
6.0 m (19.7 ft)	kg			*3460	*3460			*3550	*3550	5.50
	lb			*7630	*7630			*7830	*7830	(18.0)
4.5 m (14.8 ft)	kg	*4560	*4560	*3870	*3870	*3660	3140	*3280	2790	6.44
	lb	*10050	*10050	*8530	*8530	*8070	6920	*7230	6150	(21.1)
3.0 m (9.8 ft)	kg			*4840	4660	*3990	3060	*3260	2450	6.93
	lb			*10670	10270	*8800	6750	*7190	5400	(22.7)
1.5 m (4.9 ft)	kg			*5890	4400	*4460	2950	*3410	2330	7.07
	lb			*12990	9700	*9830	6500	*7520	5140	(23.2)
0.0 m (0.0 ft)	kg			*6510	4260	*4790	2880	*3780	2390	6.88
	lb			*14350	9390	*10560	6350	*8330	5270	(22.6)
-1.5 m (-4.9 ft)	kg	*7960	7910	*6550	4230	*4760	2870	*4410	2680	6.33
	lb	*17550	17440	*14440	9330	*10490	6330	*9720	5910	(20.8)
-3.0 m (-9.6 ft)	kg			*5810	4310					
	lb			*12810	9500					

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.

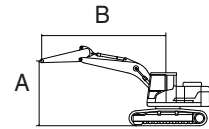
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4939	2100	2400	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg						*3990	*3990	3.77	
	lb						*8800	*8800	(12.4)	
6.0 m (19.7 ft)	kg		*3460	*3460			*3550	3320	5.50	
	lb		*7630	*7630			*7830	7320	(18.0)	
4.5 m (14.8 ft)	kg	*4560	*4560	*3870	*3870	*3660	2890	*3280	2570	6.44
	lb	*10050	*10050	*8530	*8530	*8070	6370	*7230	5670	(21.1)
3.0 m (9.8 ft)	kg		*4840	4260	*3990	2810	3190	2250	6.93	
	lb		*10670	9390	*8800	6190	7030	4960	(22.7)	
1.5 m (4.9 ft)	kg		*5890	4010	3890	2700	3050	2140	7.07	
	lb		*12990	8840	8580	5950	6720	4720	(23.2)	
0.0 m (0.0 ft)	kg		5820	3870	3800	2630	3140	2190	6.88	
	lb		12830	8530	8380	5800	6920	4830	(22.6)	
-1.5 m (-4.9 ft)	kg	*7960	7060	5790	3850	3790	2620	3530	2450	6.33
	lb	*17550	15560	12760	8490	8360	5780	7780	5400	(20.8)
-3.0 m (-9.6 ft)	kg		*5810	3920						
	lb		*12810	8640						

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).

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.

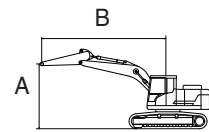
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A LD	MONO BOOM	4939	2500	2400	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)						At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*2990 *6590	*2990 *6590	4.50 (14.8)
6.0 m (19.7 ft)	kg lb			*3030 *6680	*3030 *6680	*2530 *5580	*2530 *5580	*2460 *5420	*2460 *5420	6.01 (19.7)
4.5 m (14.8 ft)	kg lb			*3480 *7670	*3480 *7670	*3350 *7390	3160 6970	*2280 *5030	*2280 *5030	6.88 (22.6)
3.0 m (9.8 ft)	kg lb			*4470 *9850	*4470 *9850	*3740 *8250	3060 6750	*2250 *4960	2230 4920	7.34 (24.1)
1.5 m (4.9 ft)	kg lb			*5580 *12300	4420 9740	*4260 *9390	2940 6480	*2330 *5140	2130 4700	7.48 (24.5)
0.0 m (0.0 ft)	kg lb	*3860 *8510	*3860 *8510	*6340 *13980	4240 9350	*4670 *10300	2850 6280	*2550 *5620	2180 4810	7.30 (23.9)
-1.5 m (-4.9 ft)	kg lb	*7200 *15870	*7200 *15870	*6540 *14420	4180 9220	*4780 *10540	2820 6220	*2980 *6570	2410 5310	6.78 (22.3)
-3.0 m (-9.6 ft)	kg lb	*8920 *19670	7930 17480	*6070 *13380	4230 9330			*3950 *8710	2990 6590	5.84 (19.2)

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).

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.

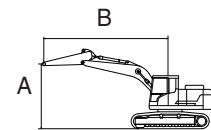
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









▲ 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	Shoe	Wheel	Dozer		Outrigger	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	2400	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg							*2990	*2990	4.50
	lb							*6590	*6590	(14.8)
6.0 m (19.7 ft)	kg			*3030	*3030	*2530	*2530	*2460	*2460	6.01
	lb			*6680	*6680	*5580	*5580	*5420	*5420	(19.7)
4.5 m (14.8 ft)	kg			*3480	*3480	*3350	2910	*2280	*2280	6.88
	lb			*7670	*7670	*7390	6420	*5030	*5030	(22.6)
3.0 m (9.8 ft)	kg			*4470	4290	*3740	2810	*2250	2050	7.34
	lb			*9850	9460	*8250	6190	*4960	4520	(24.1)
1.5 m (4.9 ft)	kg			*5580	4020	3880	2690	*2330	1950	7.48
	lb			*12300	8860	8550	5930	*5140	4300	(24.5)
0.0 m (0.0 ft)	kg	*3860	*3860	5800	3850	3780	2600	*2550	1990	7.30
	lb	*8510	*8510	12790	8490	8330	5730	*5620	4390	(23.9)
-1.5 m (-4.9 ft)	kg	*7200	6960	5730	3790	3740	2570	*2980	2200	6.78
	lb	*15870	15340	12630	8360	8250	5670	*6570	4850	(22.3)
-3.0 m (-9.6 ft)	kg	*8920	7080	5790	3840			*3950	2730	5.84
	lb	*19670	15610	12760	8470			*8710	6020	(19.2)

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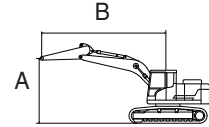
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.











3) HX140A HW

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A HW	MONO BOOM	4600	1900	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*4200	*4200			*3650	*3650	4.73
	lb					*9260	*9260			*8050	*8050	(15.5)
4.5 m (14.8 ft)	kg					*4340	*4340			*3340	3230	5.80
	lb					*9570	*9570			*7360	7120	(19.0)
3.0 m (9.8 ft)	kg					*5220	4590	*4420	3020	*3330	2770	6.35
	lb					*11510	10120	*9740	6660	*7340	6110	(20.8)
1.5 m (4.9 ft)	kg					*6220	4380	4380	2940	*3550	2630	6.50
	lb					*13710	9660	9660	6480	*7830	5800	(21.3)
0.0 m (0.0 ft)	kg			*5760	*5760	6600	4260	4320	2890	4040	2710	6.29
	lb			*12700	*12700	14550	9390	9520	6370	8910	5970	(20.6)
-1.5 m (-4.9 ft)	kg	*5710	*5710	*9710	7800	6580	4240			4670	3110	5.68
	lb	*12590	*12590	*21410	17200	14510	9350			10300	6860	(18.6)
-3.0 m (-9.8 ft)	kg			*7880	*7880	*5100	4360			*5080	4350	4.51
	lb			*17370	*17370	*11240	9610			*11200	9590	(14.8)

Note 1. Lifting capacity are based on ISO 10567.

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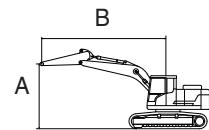
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




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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3910	*3910			*3480	*3480	4.97 (16.3)
	lb					*8620	*8620			*7670	*7670	
4.5 m (14.8 ft)	kg					*4130	*4130			*3220	3070	5.99 (19.7)
	lb					*9110	*9110			*7100	6770	
3.0 m (9.8 ft)	kg		*7310	*7310	*5030	4600	*4280	3020	*3230	2660	6.52 (21.4)	
	lb		*16120	*16120	*11090	10140	*9440	6660	*7120	5860		
1.5 m (4.9 ft)	kg				*6080	4380	4370	2930	*3440	2530	6.67 (21.9)	
	lb				*13400	9660	9630	6460	*7580	5580		
0.0 m (0.0 ft)	kg		*6170	*6170	6580	4240	4300	2870	3870	2600	6.47 (21.2)	
	lb		*13600	*13600	14510	9350	9480	6330	8530	5730		
-1.5 m (-4.9 ft)	kg	*5500	*5500	*9880	7750	6550	4210		4430	2950	5.88 (19.3)	
	lb	*12130	*12130	*21780	17090	14440	9280		9770	6500		
-3.0 m (-9.8 ft)	kg		*8240	7890	*5480	4300			*5010	4000	4.75 (15.6)	
	lb		*18170	17390	*12080	9480			*11050	8820		

Note 1. Lifting capacity are based on ISO 10567.

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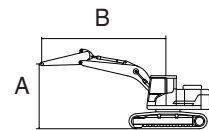
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


▲ 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	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3400	*3400			*2400	*2400	5.50
	lb					*7500	*7500			*5290	*5290	(18.0)
4.5 m (14.8 ft)	kg					*3700	*3700	*3500	3090	*2220	*2220	6.44
	lb					*8160	*8160	*7720	6810	*4890	*4890	(21.1)
3.0 m (9.8 ft)	kg			*6380	*6380	*4640	4630	*4010	3020	*2210	*2210	6.93
	lb			*14070	*14070	*10230	10210	*8840	6660	*4870	*4870	(22.7)
1.5 m (4.9 ft)	kg			*7060	*7060	*5760	4390	4360	2920	*2320	2300	7.07
	lb			*15560	*15560	*12700	9680	9610	6440	*5110	5070	(23.2)
0.0 m (0.0 ft)	kg			*6550	*6550	*6540	4220	4280	2840	*2600	2360	6.88
	lb			*14440	*14440	*14420	9300	9440	6260	*5730	5200	(22.6)
-1.5 m (-4.9 ft)	kg	*4890	*4890	*10080	7660	6500	4160	4250	2820	*3170	2630	6.34
	lb	*10780	*10780	*22220	16890	14330	9170	9370	6220	*6990	5800	(20.8)
-3.0 m (-9.8 ft)	kg	*9020	*9020	*8830	7770	*5930	4210			*4580	3380	5.31
	lb	*19890	*19890	*19470	17130	*13070	9280			*10100	7450	(17.4)

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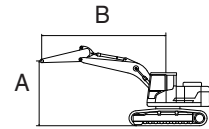
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)										At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
													m (ft)	
7.5 m (24.6 ft)	kg					*2600	*2600					*2390	*2390	4.59
	lb					*5730	*5730					*5270	*5270	(15.1)
6.0 m (19.7 ft)	kg							*2240	*2240			*2010	*2010	6.08
	lb							*4940	*4940			*4430	*4430	(20.0)
4.5 m (14.8 ft)	kg							*3290	3140			*1880	*1880	6.94
	lb							*7250	6920			*4140	*4140	(22.8)
3.0 m (9.8 ft)	kg			*5260	*5260	*4140	*4140	*3680	3050			*1880	*1880	7.40
	lb			*11600	*11600	*9130	*9130	*8110	6720			*4140	*4140	(24.3)
1.5 m (4.9 ft)	kg			*8410	8150	*5360	4440	*4240	2940	*2130	2120	*1980	*1980	7.53
	lb			*18540	17970	*11820	9790	*9350	6480	*4700	4670	*4370	*4370	(24.7)
0.0 m (0.0 ft)	kg			*7190	*7190	*6310	4240	4280	2840			*2190	*2140	7.36
	lb			*15850	*15850	*13910	9350	9440	6260			*4830	4720	(24.1)
-1.5 m (-4.9 ft)	kg	*4380	*4380	*9290	7620	6480	4140	4220	2790			*2610	2350	6.85
	lb	*9660	*9660	*20480	16800	14290	9130	9300	6150			*5750	5180	(22.5)
-3.0 m (-9.8 ft)	kg	*7550	*7550	*9450	7690	*6290	4160					*3560	2880	5.91
	lb	*16640	*16640	*20830	16950	*13870	9170					*7850	6350	(19.4)
-4.5 m (-14.8 ft)	kg			*6970	*6970							*4530	*4530	4.29
	lb			*15370	*15370							*9990	*9990	(14.1)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

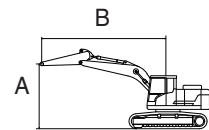
▲ Failure to comply to the rated load can cause serious injury, death, or property damage.











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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	1900	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*4200	*4200			*3650	*3650	4.73
	lb					*9260	*9260			*8050	*8050	(15.5)
4.5 m (14.8 ft)	kg					*4340	*4340			*3340	*3340	5.80
	lb					*9570	*9570			*7360	*7360	(19.0)
3.0 m (9.8 ft)	kg					*5220	4800	*4420	3170	*3330	2910	6.35
	lb					*11510	10580	*9740	6990	*7340	6420	(20.8)
1.5 m (4.9 ft)	kg					*6220	4590	4560	3090	*3550	2760	6.50
	lb					*13710	10120	10050	6810	*7830	6080	(21.3)
0.0 m (0.0 ft)	kg			*5760	*5760	*6760	4470	4500	3040	*4050	2850	6.29
	lb			*12700	*12700	*14900	9850	9920	6700	*8930	6280	(20.6)
-1.5 m (-4.9 ft)	kg	*5710	*5710	*9710	8180	*6600	4450			4870	3270	5.68
	lb	*12590	*12590	*21410	18030	*14550	9810			10740	7210	(18.6)
-3.0 m (-9.8 ft)	kg			*7880	*7880	*5100	4570			*5080	4560	4.51
	lb			*17370	*17370	*11240	10080			*11200	10050	(14.8)

Note 1. Lifting capacity are based on ISO 10567.

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

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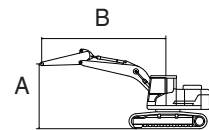
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*3910	*3910			*3480	*3480	4.97
	lb					*8620	*8620			*7670	*7670	(16.3)
4.5 m (14.8 ft)	kg					*4130	*4130			*3220	*3220	5.99
	lb					*9110	*9110			*7100	*7100	(19.7)
3.0 m (9.8 ft)	kg		*7310	*7310	*5030	4810	*4280	3170	*3230	2790		6.52
	lb		*16120	*16120	*11090	10600	*9440	6990	*7120	6150		(21.4)
1.5 m (4.9 ft)	kg				*6080	4590	4550	3080	*3440	2660		6.67
	lb				*13400	10120	10030	6790	*7580	5860		(21.9)
0.0 m (0.0 ft)	kg		*6170	*6170	*6700	4450	4490	3020	*3920	2730		6.47
	lb		*13600	*13600	*14770	9810	9900	6660	*8640	6020		(21.2)
-1.5 m (-4.9 ft)	kg	*5500	*5500	*9880	8130	*6640	4420		4620	3100		5.88
	lb	*12130	*12130	*21780	17920	*14640	9740		10190	6830		(19.3)
-3.0 m (-9.8 ft)	kg		*8240	*8240	*5480	4510			*5010	4200		4.75
	lb		*18170	*18170	*12080	9940			*11050	9260		(15.6)

Note 1. Lifting capacity are based on ISO 10567.

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

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

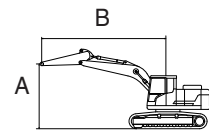
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


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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A HW	MONO BOOM	4600	2500	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2400 *5290	*2400 *5290	5.50 (18.0)
4.5 m (14.8 ft)	kg lb					*3700 *8160	*3700 *8160	*3500 *7720	3240 7140	*2220 *4890	*2220 *4890	6.44 (21.1)
3.0 m (9.8 ft)	kg lb			*6380 *14070	*6380 *14070	*4640 *10230	*4640 *10230	*4010 *8840	3170 6990	*2210 *4870	*2210 *4870	6.93 (22.7)
1.5 m (4.9 ft)	kg lb			*7060 *15560	*7060 *15560	*5760 *12700	4600 10140	*4490 *9900	3070 6770	*2320 *5110	*2320 *5110	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6550 *14440	*6550 *14440	*6540 *14420	4430 9770	4460 9830	2990 6590	*2600 *5730	2480 5470	6.88 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4890 *10780	*4890 *10780	*10080 *22220	8040 17730	*6680 *14730	4370 9630	4430 9770	2970 6550	*3170 *6990	2770 6110	6.34 (20.8)
-3.0 m (-9.8 ft)	kg lb	*9020 *19890	*9020 *19890	*8830 *19470	8150 17970	*5930 *13070	4430 9770			*4580 *10100	3550 7830	5.31 (17.4)

Note 1. Lifting capacity are based on ISO 10567.

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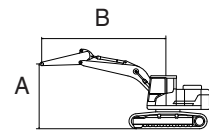
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)										At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
													m (ft)	
7.5 m (24.6 ft)	kg					*2600	*2600					*2390	*2390	4.59
	lb					*5730	*5730					*5270	*5270	(15.1)
6.0 m (19.7 ft)	kg							*2240	*2240			*2010	*2010	6.08
	lb							*4940	*4940			*4430	*4430	(20.0)
4.5 m (14.8 ft)	kg							*3290	3290			*1880	*1880	6.94
	lb							*7250	7250			*4140	*4140	(22.8)
3.0 m (9.8 ft)	kg			*5260	*5260	*4140	*4140	*3680	3200			*1880	*1880	7.40
	lb			*11600	*11600	*9130	*9130	*8110	7050			*4140	*4140	(24.3)
1.5 m (4.9 ft)	kg			*8410	*8410	*5360	4650	*4240	3090	*2130	*2130	*1980	*1980	7.53
	lb			*18540	*18540	*11820	10250	*9350	6810	*4700	*4700	*4370	*4370	(24.7)
0.0 m (0.0 ft)	kg			*7190	*7190	*6310	4450	4460	2990			*2190	*2190	7.36
	lb			*15850	*15850	*13910	9810	9830	6590			*4830	*4830	(24.1)
-1.5 m (-4.9 ft)	kg	*4380	*4380	*9290	8000	*6680	4360	4410	2940			*2610	2470	6.85
	lb	*9660	*9660	*20480	17640	*14730	9610	9720	6480			*5750	5450	(22.5)
-3.0 m (-9.8 ft)	kg	*7550	*7550	*9450	8070	*6290	4370					*3560	3030	5.91
	lb	*16640	*16640	*20830	17790	*13870	9630					*7850	6680	(19.4)
-4.5 m (-14.8 ft)	kg			*6970	*6970							*4530	*4530	4.29
	lb			*15370	*15370							*9990	*9990	(14.1)

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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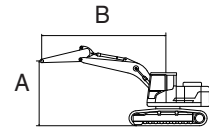
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








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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3510	*3510	4.01
	lb									*7740	*7740	(13.2)
4.5 m (14.8 ft)	kg				*4630	*4630				*3070	*3070	5.24
	lb				*10210	*10210				*6770	*6770	(17.2)
3.0 m (9.8 ft)	kg		*7200	*7200	*5330	4670				*3030	*3030	5.83
	lb		*15870	*15870	*11750	10300				*6680	*6680	(19.1)
1.5 m (4.9 ft)	kg		*9920	8150	*6300	4480	*3240	2990	*3220	2990	6.00	
	lb		*21870	17970	*13890	9880	*7140	6590	*7100	6590	(19.7)	
0.0 m (0.0 ft)	kg		*10670	7940	6710	4360			*3730	3110	5.78	
	lb		*23520	17500	14790	9610			*8220	6860	(19.0)	
-1.5 m (-4.9 ft)	kg	*8120	*8120	*9930	7960	*6570	4350			*4960	3680	5.11
	lb	*17900	*17900	*21890	17550	*14480	9590			*10930	8110	(16.7)
-3.0 m (-9.8 ft)	kg		*7320	*7320						*5530	*5530	3.75
	lb		*16140	*16140						*12190	*12190	(12.3)

Note 1. Lifting capacity are based on ISO 10567.

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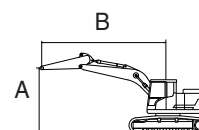
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A HW	MONO BOOM	4100	2100	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3360	*3360	4.26
	lb									*7410	*7410	(14.0)
4.5 m (14.8 ft)	kg				*4380	*4380				*3000	*3000	5.43
	lb				*9660	*9660				*6610	*6610	(17.8)
3.0 m (9.8 ft)	kg		*6750	*6750	*5120	4680	4420	2980	*2970	*2970	6.01	
	lb		*14880	*14880	*11290	10320	9740	6570	*6550	*6550	(19.7)	
1.5 m (4.9 ft)	kg		*9590	8180	*6150	4480	4420	2980	*3170	2870	6.17	
	lb		*21140	18030	*13560	9880	9740	6570	*6990	6330	(20.2)	
0.0 m (0.0 ft)	kg		*10630	7920	6700	4350			*3660	2970	5.95	
	lb		*23440	17460	14770	9590			*8070	6550	(19.5)	
-1.5 m (-4.9 ft)	kg	*7660	*7660	*10100	7910	*6660	4320		*4810	3470	5.30	
	lb	*16890	*16890	*22270	17440	*14680	9520		*10600	7650	(17.4)	
-3.0 m (-9.8 ft)	kg		*7850	*7850					*5520	5200	4.02	
	lb		*17310	*17310					*12170	11460	(13.2)	

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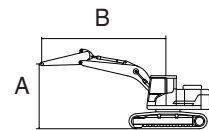
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A HW	MONO BOOM	4100	1900	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3510	*3510	4.01
	lb									*7740	*7740	(13.2)
4.5 m (14.8 ft)	kg				*4630	*4630				*3070	*3070	5.24
	lb				*10210	*10210				*6770	*6770	(17.2)
3.0 m (9.8 ft)	kg		*7200	*7200	*5330	4880				*3030	*3030	5.83
	lb		*15870	*15870	*11750	10760				*6680	*6680	(19.1)
1.5 m (4.9 ft)	kg		*9920	8530	*6300	4700	*3240	3140	*3220	3140	6.00	
	lb		*21870	18810	*13890	10360	*7140	6920	*7100	6920	(19.7)	
0.0 m (0.0 ft)	kg		*10670	8320	*6880	4570			*3730	3270	5.78	
	lb		*23520	18340	*15170	10080			*8220	7210	(19.0)	
-1.5 m (-4.9 ft)	kg	*8120	*8120	*9930	8340	*6570	4560			*4960	3860	5.11
	lb	*17900	*17900	*21890	18390	*14480	10050			*10930	8510	(16.7)
-3.0 m (-9.8 ft)	kg		*7320	*7320						*5530	*5530	3.75
	lb		*16140	*16140						*12190	*12190	(12.3)

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.

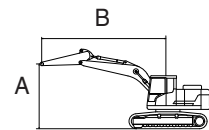
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A HW	MONO BOOM	4100	2100	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*3360	*3360	4.26
	lb									*7410	*7410	(14.0)
4.5 m (14.8 ft)	kg				*4380	*4380				*3000	*3000	5.43
	lb				*9660	*9660				*6610	*6610	(17.8)
3.0 m (9.8 ft)	kg		*6750	*6750	*5120	4890	*3040	*3040	*2970	*2970		6.01
	lb		*14880	*14880	*11290	10780	*6700	*6700	*6550	*6550		(19.7)
1.5 m (4.9 ft)	kg		*9590	8560	*6150	4700	*4490	3130	*3170	3010		6.17
	lb		*21140	18870	*13560	10360	*9900	6900	*6990	6640		(20.2)
0.0 m (0.0 ft)	kg		*10630	8300	*6810	4560			*3660	3120		5.95
	lb		*23440	18300	*15010	10050			*8070	6880		(19.5)
-1.5 m (-4.9 ft)	kg	*7660	*7660	*10100	8290	*6660	4530			*4810	3640	5.30
	lb	*16890	*16890	*22270	18280	*14680	9990			*10600	8020	(17.4)
-3.0 m (-9.8 ft)	kg		*7850	*7850						*5520	5450	4.02
	lb		*17310	*17310						*12170	12020	(13.2)

Note 1. Lifting capacity are based on ISO 10567.

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- 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.

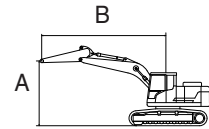
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A HW	2-PIECE BOOM	4939	1900	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg							*4290	*4290	3.42
	lb							*9460	*9460	(11.2)
6.0 m (19.7 ft)	kg		*3680	*3680				*3730	*3730	5.26
	lb		*8110	*8110				*8220	*8220	(17.3)
4.5 m (14.8 ft)	kg	*4930	*4930	*4060	*4060	*3830	3210	*3420	3000	6.24
	lb	*10870	*10870	*8950	*8950	*8440	7080	*7540	6610	(20.5)
3.0 m (9.8 ft)	kg		*5030	4740	*4120	3140	*3370	2630		6.75
	lb		*11090	10450	*9080	6920	*7430	5800		(22.1)
1.5 m (4.9 ft)	kg		*6040	4500	4530	3040	*3530	2500		6.89
	lb		*13320	9920	9990	6700	*7780	5510		(22.6)
0.0 m (0.0 ft)	kg		*6580	4380	4460	2970	3830	2570		6.70
	lb		*14510	9660	9830	6550	8440	5670		(22.0)
-1.5 m (-4.9 ft)	kg	*8200	8060	*6530	4360	4460	2980	4340	2900	6.13
	lb	*18080	17770	*14400	9610	9830	6570	9570	6390	(20.1)

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.

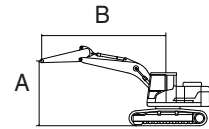
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A HW	2-PIECE BOOM	4939	2100	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg							*3990	*3990	3.77
	lb							*8800	*8800	(12.4)
6.0 m (19.7 ft)	kg			*3460	*3460			*3550	*3550	5.50
	lb			*7630	*7630			*7830	*7830	(18.0)
4.5 m (14.8 ft)	kg	*4560	*4560	*3870	*3870	*3660	3220	*3280	2870	6.44
	lb	*10050	*10050	*8530	*8530	*8070	7100	*7230	6330	(21.1)
3.0 m (9.8 ft)	kg			*4840	4750	*3990	3140	*3260	2520	6.93
	lb			*10670	10470	*8800	6920	*7190	5560	(22.7)
1.5 m (4.9 ft)	kg			*5890	4500	*4460	3030	*3410	2400	7.07
	lb			*12990	9920	*9830	6680	*7520	5290	(23.2)
0.0 m (0.0 ft)	kg			*6510	4360	4440	2960	3670	2470	6.88
	lb			*14350	9610	9790	6530	8090	5450	(22.6)
-1.5 m (-4.9 ft)	kg	*7960	*7960	*6550	4330	4430	2950	4120	2760	6.33
	lb	*17550	*17550	*14440	9550	9770	6500	9080	6080	(20.8)
-3.0 m (-9.6 ft)	kg			*5810	4410					
	lb			*12810	9720					

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.

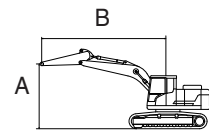
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









▲ 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	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX140A HW	2-PIECE BOOM	4939	2500	2400	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg						*2990	*2990	4.50	
	lb						*6590	*6590	(14.8)	
6.0 m (19.7 ft)	kg		*3030	*3030	*2530	*2530	*2460	*2460	6.01	
	lb		*6680	*6680	*5580	*5580	*5420	*5420	(19.7)	
4.5 m (14.8 ft)	kg		*3480	*3480	*3350	3240	*2280	*2280	6.88	
	lb		*7670	*7670	*7390	7140	*5030	*5030	(22.6)	
3.0 m (9.8 ft)	kg		*4470	*4470	*3740	3140	*2250	*2250	7.34	
	lb		*9850	*9850	*8250	6920	*4960	*4960	(24.1)	
1.5 m (4.9 ft)	kg		*5580	4510	*4260	3020	*2330	2200	7.48	
	lb		*12300	9940	*9390	6660	*5140	4850	(24.5)	
0.0 m (0.0 ft)	kg	*3860	*3860	*6340	4340	4420	2930	*2550	2250	7.30
	lb	*8510	*8510	*13980	9570	9740	6460	*5620	4960	(23.9)
-1.5 m (-4.9 ft)	kg	*7200	*7200	*6540	4280	4380	2900	*2980	2480	6.78
	lb	*15870	*15870	*14420	9440	9660	6390	*6570	5470	(22.3)
-3.0 m (-9.6 ft)	kg	*8920	8020	*6070	4330			*3950	3070	5.84
	lb	*19670	17680	*13380	9550			*8710	6770	(19.2)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

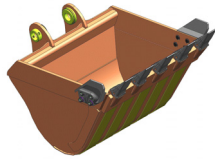
The difference between the weight of a work tool attachment must be subtracted.

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

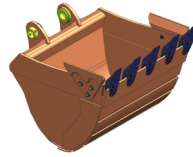
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6. BUCKET SELECTION GUIDE

1) HX140A L/LD/HW MONO BOOM, 2100 kg COUNTERWEIGHT



General bucket



Hammerless tooth bucket

140A2SP20

Type	Counterweight				2100 kg						
	Capacity		Width	Weight	Tooth	MONO BOOM					
	SAE Heaped	CECE heaped	Without side cutter			4.6 m (15' 1") Boom				4.1 m (13' 5") Boom	
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	kg (lb)	EA	1.90 m (6' 3") Arm	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm	3.00 m (9' 10") Arm	1.90 m (6' 3") Arm	2.10 m (6' 11") Arm
General bucket	0.58 (0.76)	0.50 (0.76)	950 (37.4")	438 (970)	5	●	●	◐	■	●	●
	0.52 (0.68)	0.46 (0.60)	870 (34.3")	406 (900)	4	●	●	●	◐	●	●
	0.65 (0.85)	0.56 (0.73)	1060 (41.7")	459 (1010)	5	◐	◐	■	■	●	●
	0.66 (0.86)	0.58 (0.76)	1050 (41.3")	493 (1090)	4	◐	◐	■	▲	●	●
	0.77 (1.01)	0.68 (0.89)	1200 (47.2")	543 (1200)	5	■	■	▲	▲	◐	◐
Hammerless tooth bucket	0.50 (0.65)	0.45 (0.59)	762 (30.0")	439 (970)	4	●	●	●	◐	●	●
	0.61 (0.80)	0.54 (0.71)	914 (36.0")	490 (1080)	5	●	◐	◐	■	●	●

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

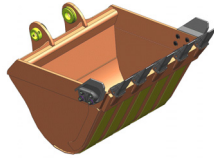
※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

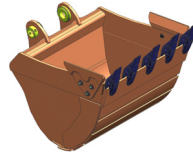
Select an optimum combination according to the working conditions and the type of work that is being done.

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

2) HX140A L/LD/HW MONO BOOM, 2400 kg COUNTERWEIGHT



General bucket



Hammerless tooth bucket

140A2SP20

Type	Counterweight					2400 kg					
	Capacity		Width	Weight	Tooth	MONO BOOM					
	SAE Heaped	CECE heaped	Without side cutter			4.6 m (15' 1") Boom				4.1 m (13' 5") Boom	
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	kg (lb)	EA	1.90 m (6' 3") Arm	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm	3.00 m (9' 10") Arm	1.90 m (6' 3") Arm	2.10 m (6' 11") Arm
General bucket	0.58 (0.76)	0.50 (0.76)	950 (37.4")	438 (970)	5	●	●	●	◐	●	●
	0.52 (0.68)	0.46 (0.60)	870 (34.3")	406 (900)	4	●	●	●	●	●	●
	0.65 (0.85)	0.56 (0.73)	1060 (41.7")	459 (1010)	5	●	●	◐	■	●	●
	0.66 (0.86)	0.58 (0.76)	1050 (41.3")	493 (1090)	4	●	●	●	●	●	●
	0.77 (1.01)	0.68 (0.89)	1200 (47.2")	543 (1200)	5	●	●	◐	■	●	●
Hammerless tooth bucket	0.50 (0.65)	0.45 (0.59)	762 (30.0")	439 (970)	4	●	◐	◐	■	●	●
	0.61 (0.80)	0.54 (0.71)	914 (36.0")	490 (1080)	5	◐	■	■	▲	▲	◐

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

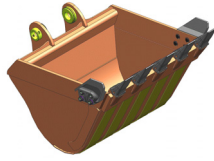
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Work tools and ground conditions have effects on machine performance.

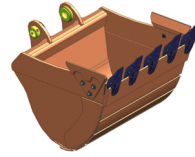
Select an optimum combination according to the working conditions and the type of work that is being done.

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

3) HX140A L/LD/HW 2-PIECE BOOM



General bucket



Hammerless tooth bucket

140A2SP20

Type	Counterweight					2400 kg		
	Capacity		Width	Weight	Tooth	2-PIECE BOOM		
	SAE Heaped	CECE heaped	Without side cutter			4.94 m (16' 2") Boom		
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	kg (lb)	EA	1.90 m (6' 3") Arm	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm
General bucket	0.58 (0.76)	0.50 (0.76)	950 (37.4")	438 (970)	5	●	●	◐
	0.52 (0.68)	0.46 (0.60)	870 (34.3")	406 (900)	4	●	●	●
	0.65 (0.85)	0.56 (0.73)	1060 (41.7")	459 (1010)	5	◐	◐	■
	0.66 (0.86)	0.58 (0.76)	1050 (41.3")	493 (1090)	4	◐	■	■
	0.77 (1.01)	0.68 (0.89)	1200 (47.2")	543 (1200)	5	■	▲	▲
Hammerless tooth bucket	0.50 (0.65)	0.45 (0.59)	762 (30.0")	439 (970)	4	●	●	●
	0.61 (0.80)	0.54 (0.71)	914 (36.0")	490 (1080)	5	◐	◐	■

- Applicable for materials with density of 2100 kg/m³ (3500 lb/yd³) or less
- ◐ Applicable for materials with density of 1800 kg/m³ (3000 lb/yd³) or less
- Applicable for materials with density of 1500 kg/m³ (2500 lb/yd³) or less
- ▲ Applicable for materials with density of 1200 kg/m³ (2000 lb/yd³) or less
- X Not recommended

※ 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) TYPES OF SHOES

Model	Description	Unit		Triple grouser					
	width	mm	(in)	500	(20")	600	(24")	700	(28")
HX140A L	Operating weight	kg	(lb)	14200	31310	14405	31760	14625	32240
	Ground pressure	kgf/cm ²	(psi)	0.44	(6.23)	0.37	(5.26)	0.32	(4.58)
	Overall width	mm		2490	(8' 2")	2590	(8' 6")	2690	(8' 10")
	Link quantity	EA		46		46		46	
HX140A LD	Operating weight	kg	(lb)	15015	33100	15230	33580	15460	34080
	Ground pressure	kgf/cm ²	(psi)	0.46	(6.59)	0.39	(5.56)	0.34	(4.84)
	Overall width	mm		2490	(8' 2")	2590	(8' 6")	2690	(8' 10")
	Link quantity	EA		46		46		46	

Model	Description	Unit		Triple grouser for H/C				Triple grouser for MUD	
	width	mm	(in)	700	(28")	800	(32")	900	(36")
HX140A HW	Operating weight	kg	(lb)	17225	37970	17460	38490	17180	37880
	Ground pressure	kgf/cm ²	(psi)	0.37	(5.29)	0.33	(4.69)	0.29	(4.11)
	Overall width	mm		2740	(9' 0")	2840	(9' 4")	2940	(9' 8")
	Link quantity	EA		49		49		49	

2) SELECTION OF TRACK SHOE

Suitable track shoes should be selected according to operating conditions.

Method of selecting shoes

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

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

Table 1

Model	Track shoe	Specification	Category
HX140A L/LD	500 mm triple grouser	Option	A
	600 mm triple grouser	Standard	B
	700 mm triple grouser	Option	C
HX140A HW	700 mm triple grouser for H/C	Option	C
	800 mm triple grouser for H/C	Option	C
	900 mm triple grouser for MUD	Option	C

Table 2

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

8. SPECIFICATIONS FOR MAJOR COMPONENTS

1) ENGINE

Item	Specification
Maker / Model	Cummins / F3.8
Type	4-cycle, turbocharged, charge air cooled, electronic controlled diesel engine
Cooling method	Water cooled
Number of cylinders and arrangement	4 cylinders, in-line
Firing order	1-3-4-2
Combustion chamber type	Direct injection type
Cylinder bore × stroke	102 × 115 mm (4.02" × 4.53")
Displacement	3.8 ℓ (229 cu in)
Compression ratio	17.2 : 1
Gross power	134 Hp (100 kW) at 2200 rpm
Net power	131 Hp (98 kW) at 2200 rpm
Max. power	134 Hp (100 kW) at 2200 rpm
Peak Torque	550 N · m (406 lbf · ft) at 1500 rpm
Engine oil quantity	12 ℓ (3.2 U.S. gal)
Wet weight	360 kg (794 lb)
Starter motor	24 V-4.8 kW
Alternator	24 V-70 A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 65 cc/rev
Maximum pressure	350 kgf/cm ² (4980 psi)
Maximum pressure (power boost)	380 kgf/cm ² (5400 psi)
Rated oil flow	2 × 123.5 ℓ /min (32.6 U.S. gpm / 27.2 U.K. gpm)
Rated speed	1900 rpm

3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	15 cc/rev
Maximum pressure	40 kgf/cm ² (570 psi)
Rated oil flow	28.5 ℓ /min (7.5 U.S. gpm/6.3 U.K. gpm)

4) MAIN CONTROL VALVE

Item	Specification	
Type	11 spools	
Operating method	Hydraulic pilot system	
Main relief valve pressure	350 kgf/cm ² (4980 psi)	
Main relief valve pressure - power boost	380 kgf/cm ² (5400 psi)	
Port relief valve pressure	Boom	400 kgf/cm ² (5690 psi)
	Arm	400 kgf/cm ² (5690 psi)
	Bucket	400 kgf/cm ² (5690 psi)

5) SWING MOTOR

Item	Specification	
Type	Fixed displacement axial piston motor	
Capacity	72 cc/rev	
Relief pressure	280 kgf/cm ² (3990 psi)	
Braking system	Automatic, spring applied hydraulic released	
Swing brake	Multi wet disc	
Braking torque	640 kgf · m (4629 lbf · ft) over	
Brake release pressure	Cracking	18 kgf/cm ² (256 psi)
	Full stroke	24 kgf/cm ² (341 psi)
Swing bearing lubrication	Grease-bathed	
Reduction gear type	2 - stage planetary	

6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Capacity	77/44.5 cc/rev
Relief pressure	350 kgf/cm ² (4980 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	1779 kgf · m (12868 lbf · ft)
Brake release pressure	12.5~15.9 kgf/cm ² (202~239 psi)
Reduction gear type	2-stage planetary

7) CYLINDER

Item	Specification	
Boom cylinder	Bore dia × Stroke	∅105 × 1075 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	∅115 × 1138 mm
	Cushion	Extend and retract
Adjust cylinder (2-piece boom)	Bore dia × Stroke	∅145 × 613 mm
	Cushion	Extend and retract
Adjust boom cylinder (2-piece boom)	Bore dia × Stroke	∅105 × 975 mm
	Cushion	Extend only
Bucket cylinder	Bore dia × Stroke	∅100 × 850 mm
	Cushion	Extend only
Dozer cylinder	Bore dia × Stroke	∅100 × 250 mm
	Cushion	Extend only

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

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

9. RECOMMENDED OILS

HD Hyundai Construction Equipment genuine lubricating oils have been developed to offer the best performance and service life for your equipment. These oils have been tested according to the specifications of HD Hyundai Construction Equipment and, therefore, will meet the highest safety and quality requirements.

We recommend that you use only HD Hyundai Construction Equipment genuine lubricating oils and grease officially approved by HD Hyundai Construction Equipment.

Service point	Kind of fluid	Capacity ℓ (U.S. gal)	Ambient temperature °C (°F)						
			-50 (-58)	-30 (-22)	-20 (-4)	-10 (14)	0 (32)	10 (50)	20 (68)
Engine oil pan	Engine oil	12 (3.2)	★SAE 5W-40			SAE 30			
			SAE 10W			SAE 10W-30			
			SAE 15W-40						
DEF/ AdBlue® tank	Mixture of urea and deionized water	35 (9.2)	ISO 22241, High-purity urea + deionized water (32.5:67.5)						
Swing drive	Gear oil	3.5 (0.9)	★SAE 75W-90						
Final drive		Type 1 : 2.3 (0.6)x2 Type 2 : 5.8 (1.5)x2	SAE 80W-90						
Hydraulic tank	Hydraulic oil	Tank 120 (31.7)	★ISO VG 15			ISO VG 32			
		System 210 (55.5)	ISO VG 46, HBHO VG 46★ ³			ISO VG 68			
Fuel tank	Diesel fuel★ ¹	270 (71.3)	★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	21 (5.5)	Ethylene glycol base permanent type (50 : 50)						
			★Ethylene glycol base permanent type (60 : 40)						

SAE : Society of Automotive Engineers

API : American Petroleum Institute

ISO : International Organization for Standardization

NLGI : National Lubricating Grease Institute

ASTM : American Society of Testing and Material

DEF : Diesel Exhaust Fluid, DEF compatible with AdBlue®

★ : Cold region (Russia, CIS, Mongolia)

★¹ : Ultra low sulfur diesel
- sulfur content ≤ 10 ppm

★² : Soft water
City water or distilled water

★³ : HD Hyundai Construction Equipment
Bio Hydraulic Oil

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

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

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

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