

SECTION 1 GENERAL



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SECTION 1 GENERAL

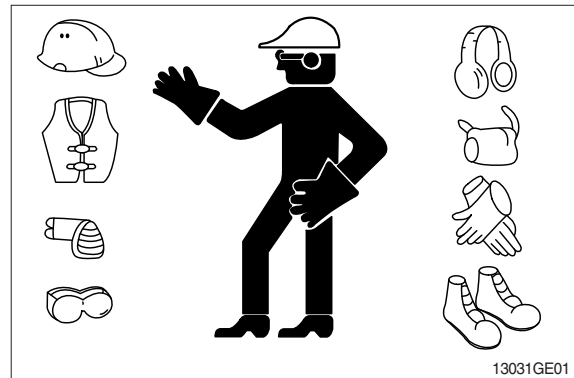
GROUP 1 SAFETY

FOLLOW SAFE PROCEDURE

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

WEAR PROTECTIVE CLOTHING

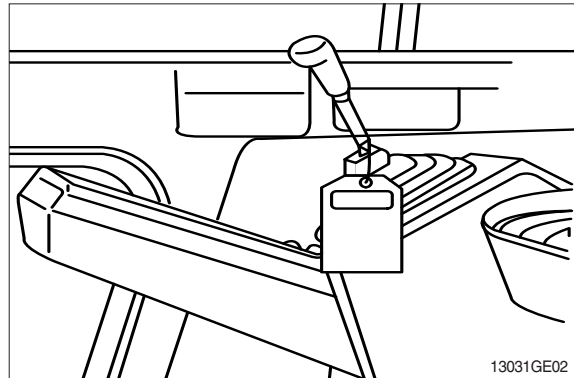
Wear close fitting clothing and safety equipment appropriate to the job.



WARN OTHERS OF SERVICE WORK

Unexpected machine movement can cause serious injury.

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



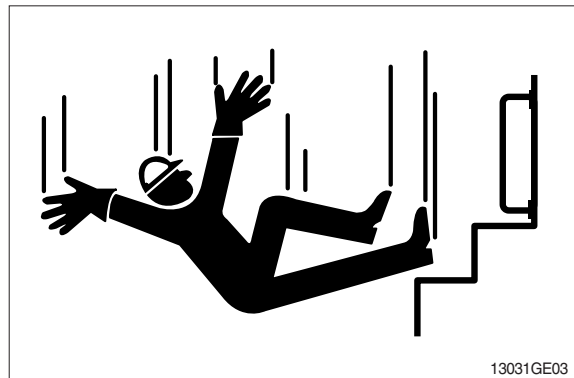
USE HANDHOLDS AND STEPS

Falling is one of the major causes of personal injury.

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

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

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

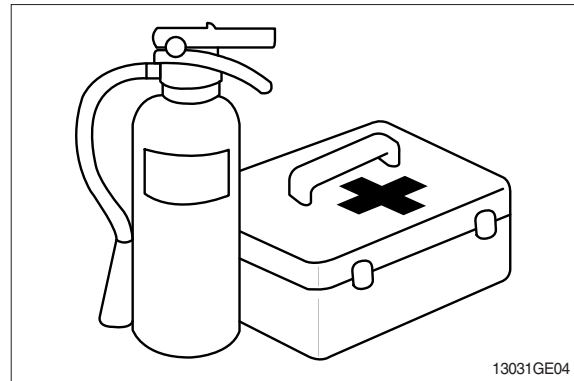


PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

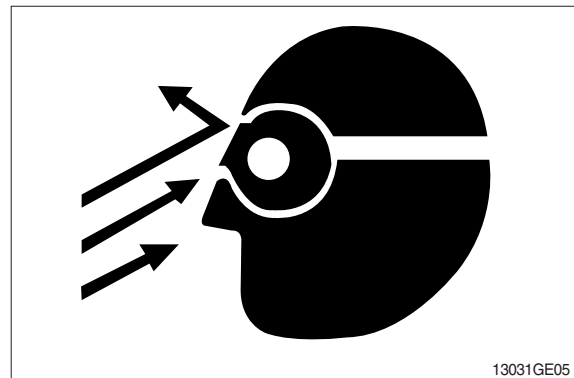
Keep a first aid kit and fire extinguisher handy.

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



PROTECT AGAINST FLYING DEBRIS

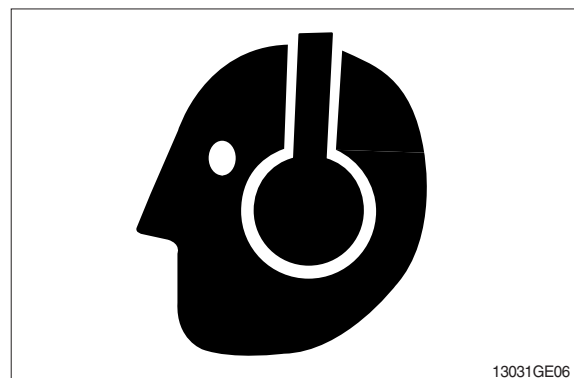
Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



PROTECT AGAINST NOISE

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

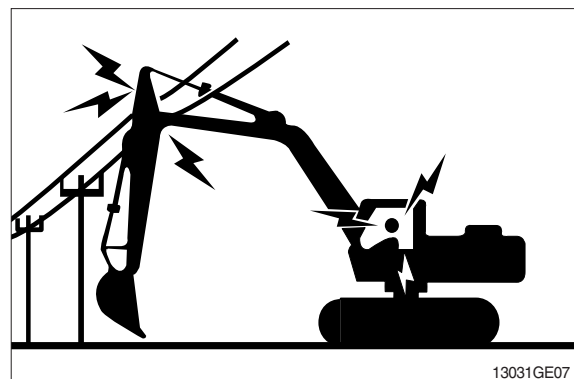
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



AVOID POWER LINES

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

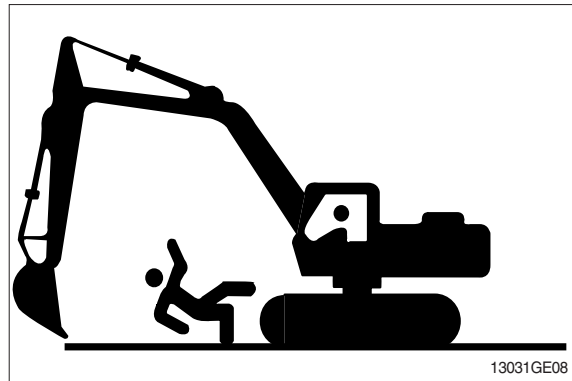
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



KEEP RIDERS OFF EXCAVATOR

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

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

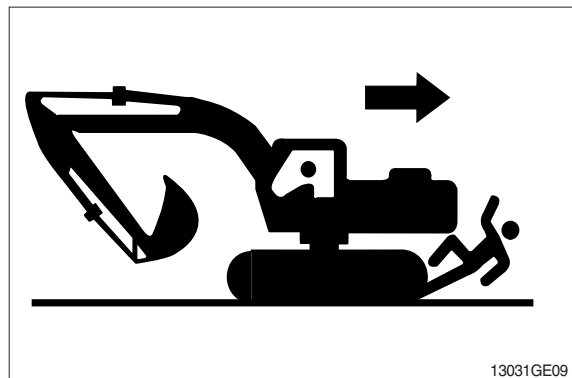


MOVE AND OPERATE MACHINE SAFELY

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

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

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



OPERATE ONLY FROM OPERATOR'S SEAT

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

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



PARK MACHINE SAFELY

Before working on the machine:

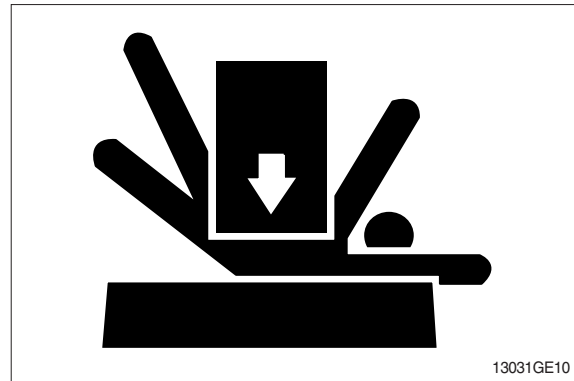
- Park machine on a level surface.
- Lower bucket to the ground.
- Turn auto idle switch off.
- Run engine at low idle speed without load for 5 minutes.
- Turn key switch to OFF to stop engine. Remove key from switch.
- Place safety lever to locked position.
- Allow engine to cool.

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.

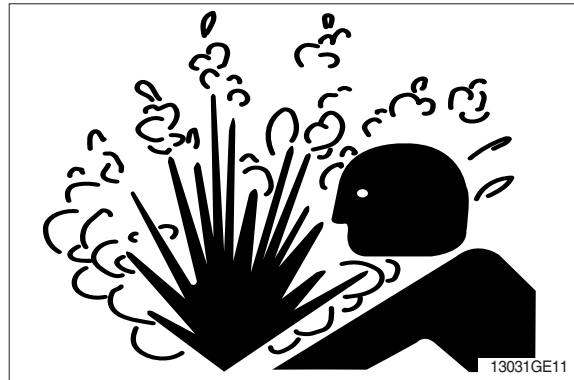
Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



SERVICE COOLING SYSTEM SAFELY

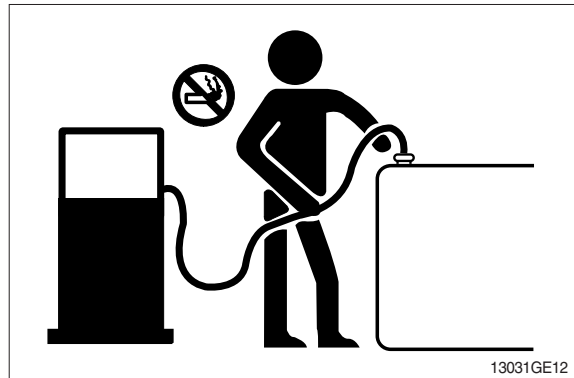
Explosive release of fluids from pressurized cooling system can cause serious burns.

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



HANDLE FLUIDS SAFELY-AVOID FIRES

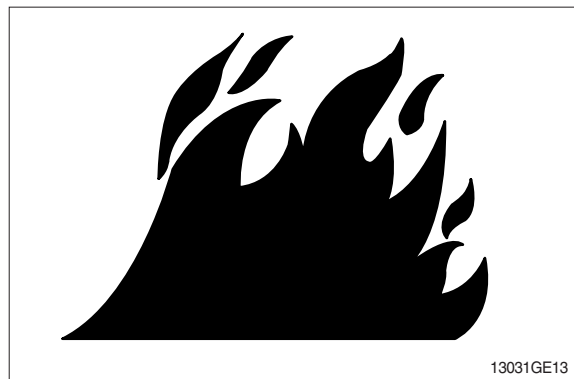
Handle fuel with care; It is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks. Always stop engine before refueling machine. Fill fuel tank outdoors.



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.

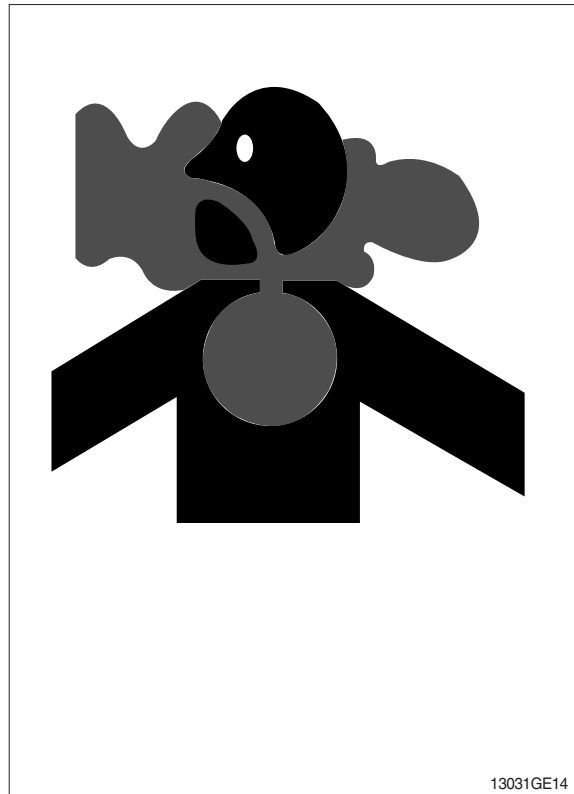
Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

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

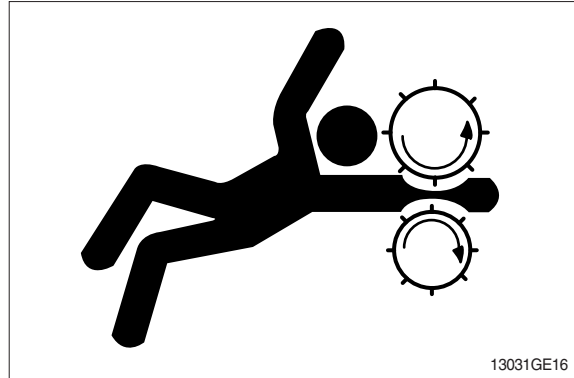
Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.



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.

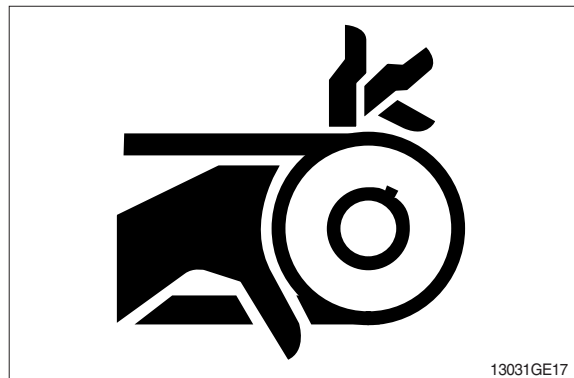
Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

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



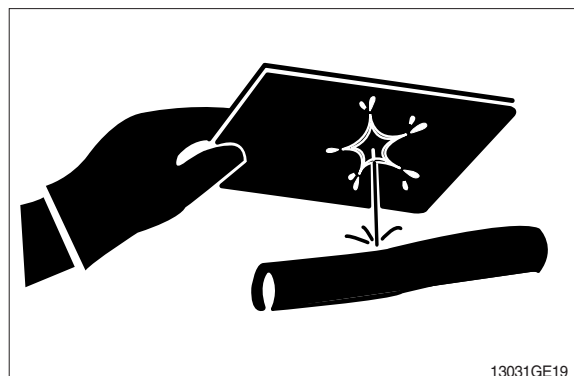
AVOID HIGH PRESSURE FLUIDS

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

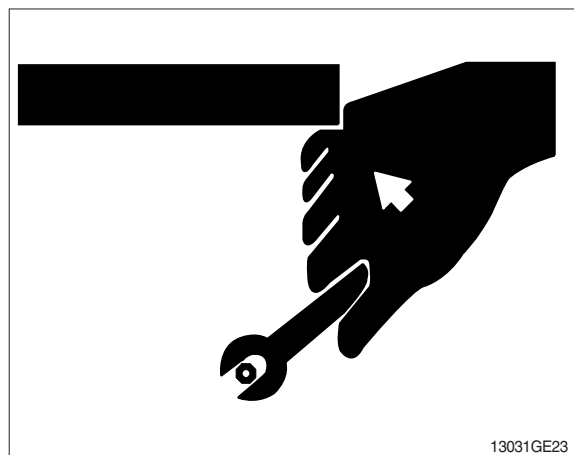
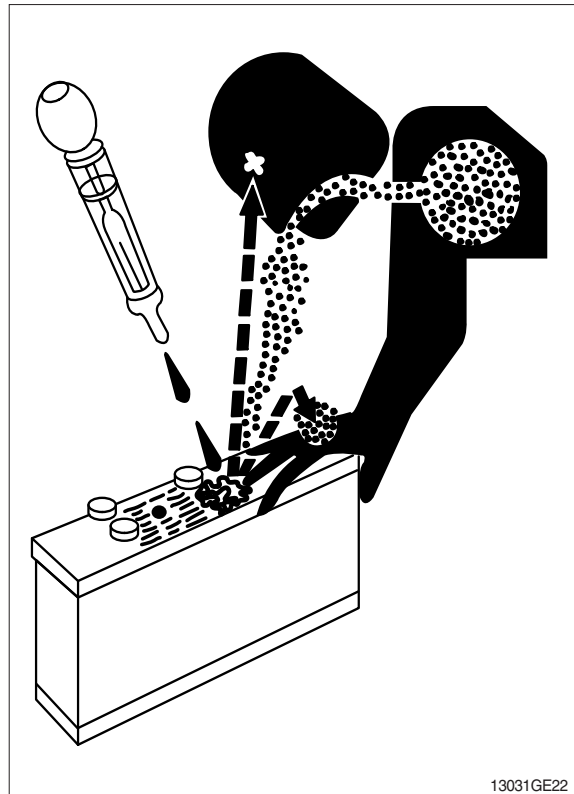
Use tools appropriate to the work. Makeshift tools, parts, and procedures can create safety hazards.

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.)

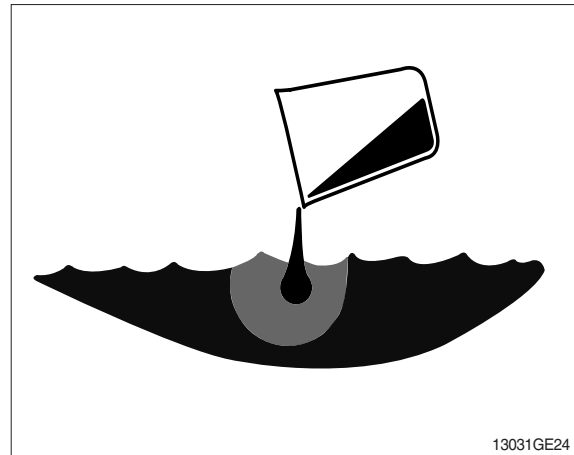


DISPOSE OF FLUIDS PROPERLY

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.

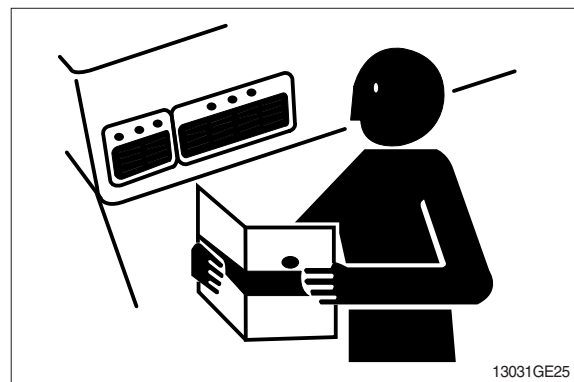
Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

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.

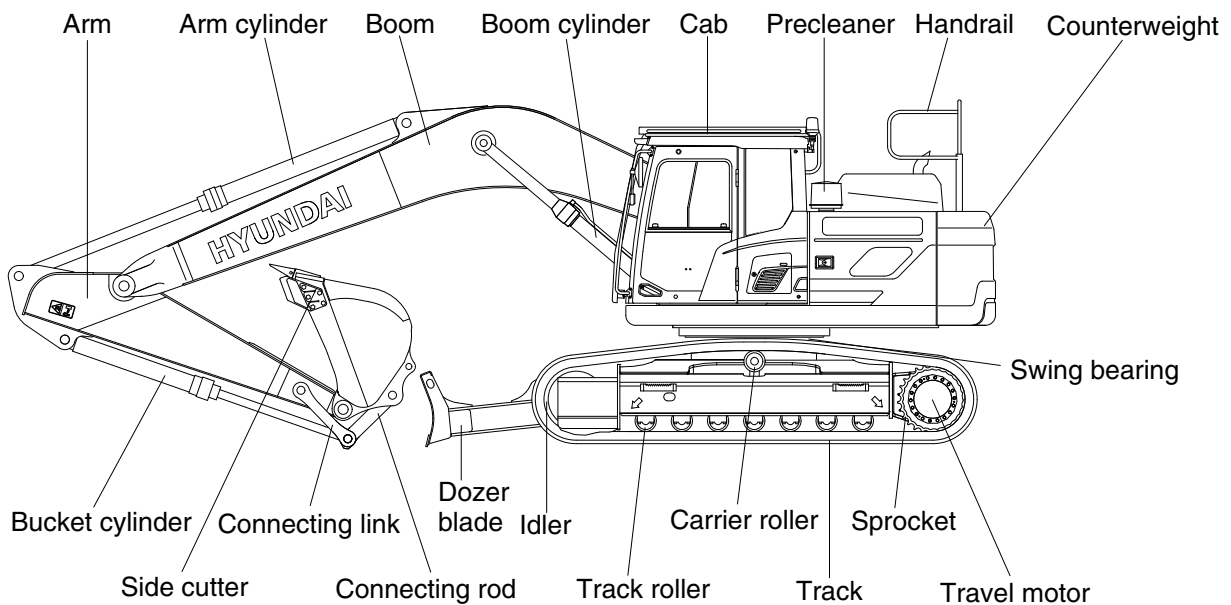
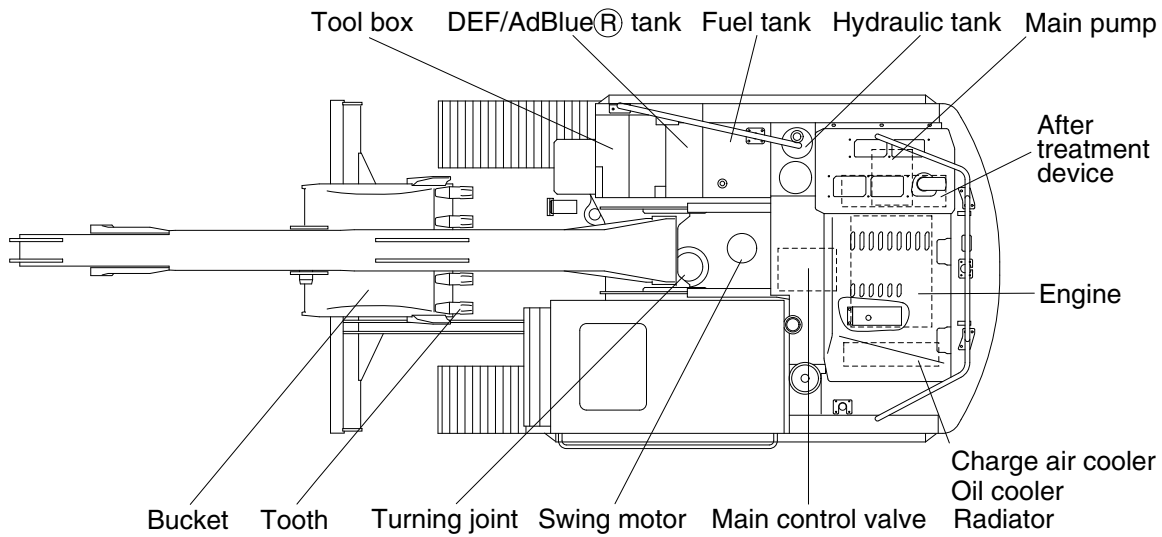


LIVE WITH SAFETY

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

GROUP 2 SPECIFICATIONS

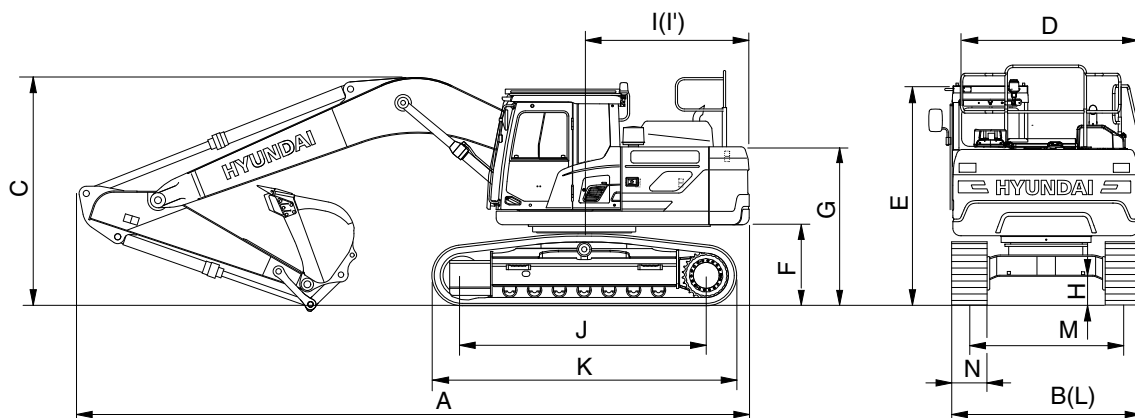
1. MAJOR COMPONENT



140A2SP01

2. SPECIFICATIONS

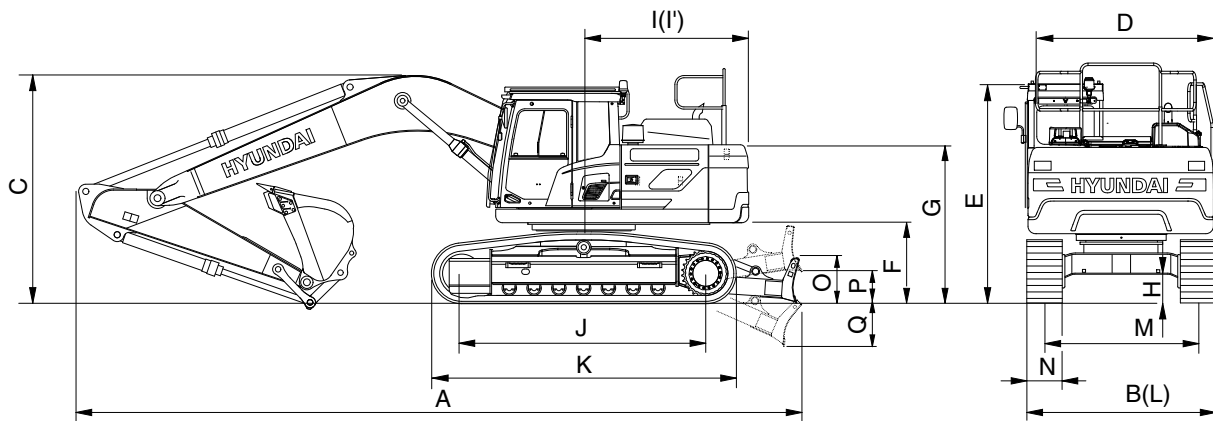
1) HX140A L, 4.6 m MONO BOOM



140A2SP02

Description		Unit		Specification		
		m (ft-in)	Boom	4.6 (15' 1")		
			Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")
		mm (in)	Shoe	600 (24)		
Operating weight		kg (lb)		14405 (31760)	14350 (31640)	14470 (31900)
Overall length	A	mm (ft-in)		7810 (25' 7")	7815 (25' 8")	7775 (25' 6")
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			2730 (8' 11")	2565 (8' 5")	3160 (10' 4")
Overall width of upper structure	D			2475 (8' 1")	2475 (8' 1")	2475 (8' 1")
Overall height of cab	E			2835 (9' 4")	2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F			905 (3' 0")	905 (3' 0")	905 (3' 0")
Overall height of engine hood	G			2405 (7' 11")	2405 (7' 11")	2405 (7' 11")
Overall height of guardrail	G'			3085 (10' 1")	3085 (10' 1")	3085 (10' 1")
Minimum ground clearance	H			405 (1' 4")	405 (1' 4")	405 (1' 4")
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			3035 (9' 10")	3035 (9' 11")	3035 (9' 11")
Undercarriage length (without grouser)	K			3656 (12' 0")	3656 (12' 0")	3656 (12' 0")
Undercarriage length (with grouser)	K'			3706 (12' 2")	3706 (12' 2")	3706 (12' 2")
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")
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)		0.37 (5.26)	0.37 (5.25)	0.37 (5.29)
Max traction force		kg (lb)		12670 (27930)	12670 (27930)	12670 (27930)

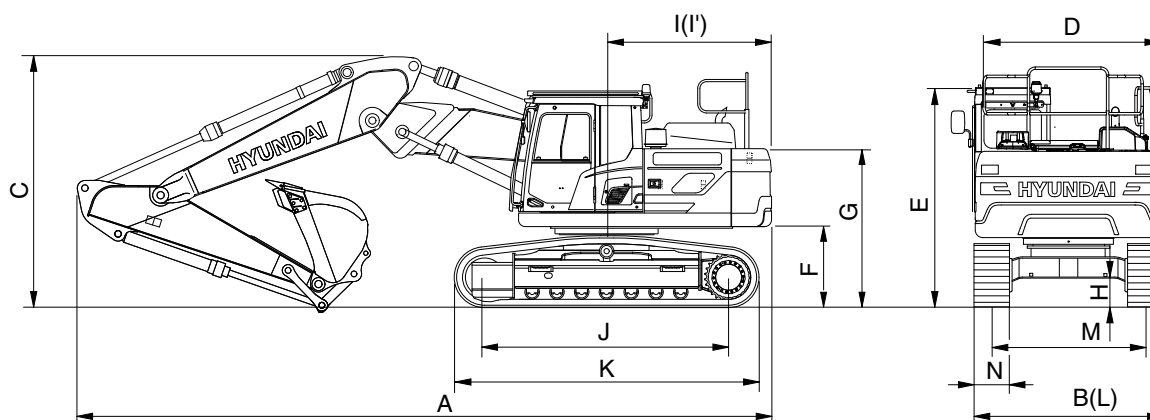
2) HX140A LD, 4.6 m MONO BOOM



140A2SP03

Description	Unit		Specification		
	m (ft-in)	Boom	4.6 (15' 1")		
		Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")
	mm (in)	Shoe	600 (24)		
Operating weight	kg (lb)		15235 (33590)	15175 (33460)	15295 (33720)
Overall length	A	mm (ft-in)	8135 (26' 8")	8140 (26' 8")	8100 (26' 7")
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		2730 (8' 11")	2565 (8' 5")	3160 (10' 4")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2835 (9' 4")	2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F		905 (3' 0")	905 (3' 0")	905 (3' 0")
Overall height of engine hood	G		2405 (7' 11")	2405 (7' 11")	2405 (7' 11")
Overall height of guardrail	G'		3085 (10' 1")	3085 (10' 1")	3085 (10' 1")
Minimum ground clearance	H		405 (1' 4")	405 (1' 4")	405 (1' 4")
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		3035 (9' 10")	3035 (9' 11")	3035 (9' 11")
Undercarriage length (without grouser)	K		3656 (12' 0")	3656 (12' 0")	3656 (12' 0")
Undercarriage length (with grouser)	K'		3706 (12' 2")	3706 (12' 2")	3706 (12' 2")
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		590 (1' 11")	590 (1' 11")	590 (1' 11")
Ground clearance of blade up	P		500 (1' 8")	500 (1' 8")	500 (1' 8")
Depth of blade down	Q		525 (1' 9")	525 (1' 9")	525 (1' 9")
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 (5.56)	0.39 (5.55)	0.39 (5.59)
Max traction force	kg (lb)		12670 (27930)	12670 (27930)	12670 (27930)

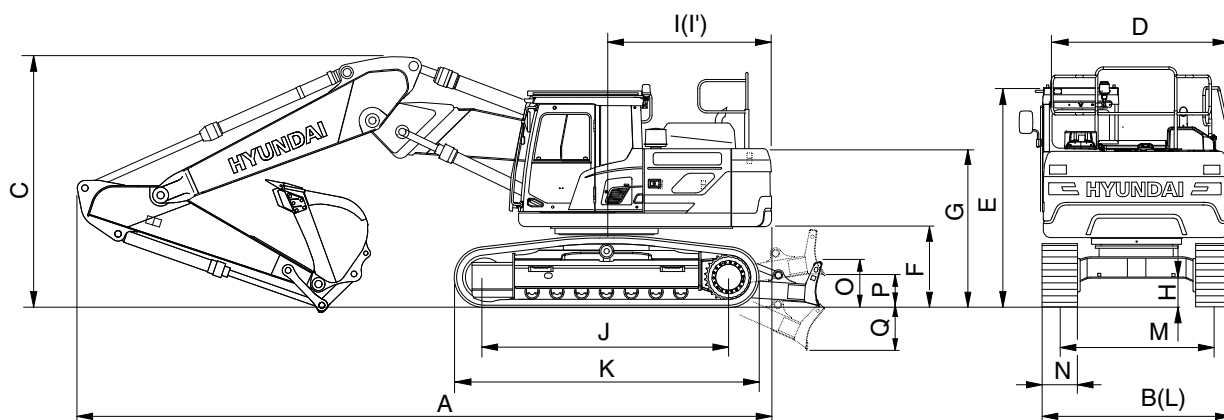
3) HX140A L, 4.9 m 2-PIECE BOOM



140A2SP04

Description		Unit		Specification	
		m (ft-in)	Boom	4.9 (16' 1") 2-PCS	
			Arm	2.5 (8' 2")	2.1 (6' 11")
		mm (in)	Shoe	600 (24)	
Operating weight		kg (lb)		15100 33290	15030 33140
Overall length	A	mm (ft-in)		8155 (26' 9")	8180 (26' 10")
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			2925 (9' 7")	2900 (9' 6")
Overall width of upper structure	D			2475 (8' 1")	2475 (8' 1")
Overall height of cab	E			2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F			905 (3' 0")	905 (3' 0")
Overall height of engine hood	G			2405 (7' 11")	2405 (7' 11")
Overall height of guardrail	G'			3085 (10' 1")	3085 (10' 1")
Minimum ground clearance	H			405 (1' 4")	405 (1' 4")
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			3035 (9' 10")	3035 (9' 11")
Undercarriage length (without grouser)	K			3656 (12' 0")	3656 (12' 0")
Undercarriage length (with grouser)	K'			3706 (12' 2")	3706 (12' 2")
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)		0.39 (5.52)	0.39 (5.49)
Max traction force		kg (lb)		12670 (27930)	12670 (27930)

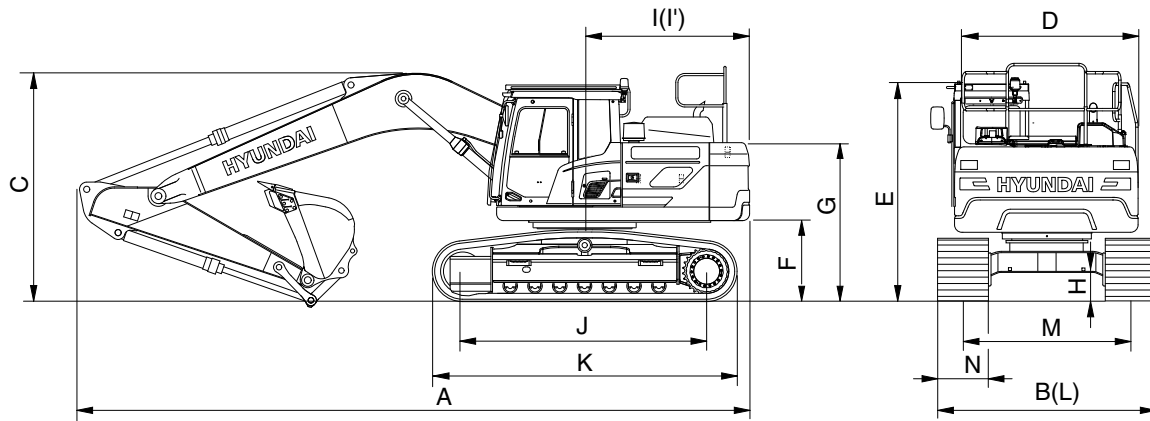
4) HX140A LD, 4.9 m 2-PIECE BOOM



140A2SP05

Description	Unit		Specification	
	m (ft-in)	Boom	4.9 (16' 1") 2-PCS	
		Arm	2.5 (8' 2")	2.1 (6' 11")
		Shoe	600 (24)	
Operating weight	kg (lb)		15650 (34500)	15590 (34370)
Overall length	A	mm (ft-in)	8480 (27' 10")	8505 (27' 11")
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		2925 (9' 7")	2900 (9' 6")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F		905 (3' 0")	905 (3' 0")
Overall height of engine hood	G		2405 (7' 11")	2405 (7' 11")
Overall height of guardrail	G'		3085 (10' 1")	3085 (10' 1")
Minimum ground clearance	H		405 (1' 4")	405 (1' 4")
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		3035 (9' 10")	3035 (9' 11")
Undercarriage length (without grouser)	K		3656 (12' 0")	3656 (12' 0")
Undercarriage length (with grouser)	K'		3706 (12' 2")	3706 (12' 2")
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		590 (1' 11")	590 (1' 11")
Ground clearance of blade up	P		500 (1' 8")	500 (1' 8")
Depth of blade down	Q		525 (1' 9")	525 (1' 9")
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)		0.40 (5.72)	0.40 (5.70)
Max traction force	kg (lb)		12670 (27930)	12670 (27930)

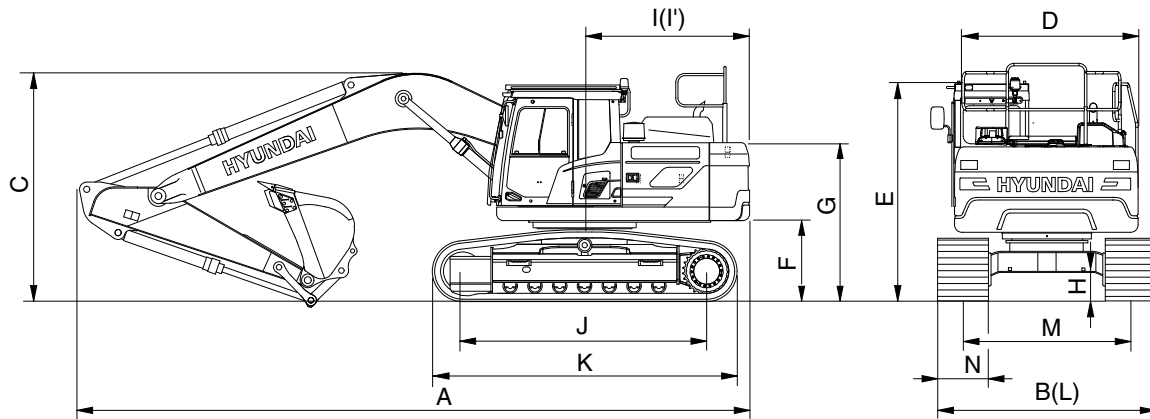
5) HX140A HW, 800 mm SHOE



140A2SP06

Description	Unit		Specification				
	m (ft-in)	Boom	4.6 (15' 1") MONO			4.9 (16' 1") 2-PCS	
		Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")	2.5 (8' 2")	2.1 (6' 11")
	mm (in)	Shoe	800 (32)				
Operating weight	kg (lb)		17460(38490)	17395(38350)	17525(38640)	18140(39990)	18075(39850)
Overall length	A	mm (ft-in)	7775(25' 6")	7755(25' 5")	7845(25' 9")	8155(26' 9")	8180(26' 10")
Overall width	B		2840(9' 4")	2840(9' 4")	2840(9' 4")	2840(9' 4")	2840(9' 4")
Overall width with add footboard	B'		2840(9' 4")	2840(9' 4")	2840(9' 4")	2840(9' 4")	2840(9' 4")
Overall height of boom	C		2750(9' 0")	2600(8' 6")	3120(10' 3")	2925(9' 7")	2900(9' 6")
Overall width of upper structure	D		2475(8' 1")	2475(8' 1")	2475(8' 1")	2475(8' 1")	2475(8' 1")
Overall height of cab	E		3135(10' 3")	3135(10' 3")	3135(10' 3")	3135(10' 3")	3135(10' 3")
Ground clearance of counterweight	F		1205(3' 11")	1205(3' 11")	1205(3' 11")	1205(3' 11")	1205(3' 11")
Overall height of engine hood	G		2405(7' 11")	2405(7' 11")	2405(7' 11")	2405(7' 11")	2405(7' 11")
Overall height of guardrail	G'		3385(11' 1")	3385(11' 1")	3385(11' 1")	3385(11' 1")	3385(11' 1")
Minimum ground clearance	H		600(2' 0")	600(2' 0")	600(2' 0")	600(2' 0")	600(2' 0")
Rear-end distance	I		2335(7' 8")	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")	2345(7' 8")
Distance between tumblers	J		3030(9' 11")	3030(9' 11")	3030(9' 11")	3030(9' 11")	3030(9' 11")
Undercarriage length (without grouser)	K		3720(12' 2")	3720(12' 2")	3720(12' 2")	3720(12' 2")	3720(12' 2")
Undercarriage length (with grouser)	K'		3770(12' 4")	3770(12' 4")	3770(12' 4")	3770(12' 4")	3770(12' 4")
Undercarriage width	L		2840(9' 4")	2840(9' 4")	2840(9' 4")	2840(9' 4")	2840(9' 4")
Undercarriage width with add footboard	L'		2840(9' 4")	2840(9' 4")	2840(9' 4")	2840(9' 4")	2840(9' 4")
Track gauge	M		2040(6' 8")	2040(6' 8")	2040(6' 8")	2040(6' 8")	2040(6' 8")
Track shoe width, standard	N		800(2' 7")	800(2' 7")	800(2' 7")	800(2' 7")	800(2' 7")
Track shoe link quantity	EA		47	47	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)	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	11.4	11.4
Gradeability	Degree (%)		35(70)	35(70)	35(70)	35(70)	35(70)
Ground pressure	kgf/cm ² (psi)		0.33(4.69)	0.33(4.69)	0.33(4.71)	0.35(4.98)	0.33(4.69)
Max traction force	kg (lb)		16660(36730)	16660(36730)	16660(36730)	16660(36730)	16660(36730)

6) HX140A HW, 900 mm SHOE

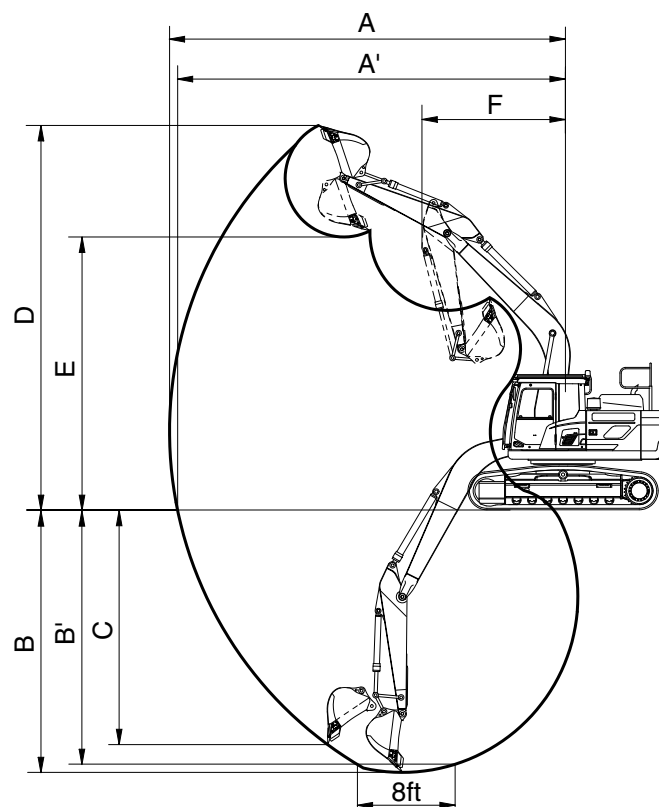


140A2SP06

Description	Unit		Specification				
	m (ft-in)	Boom	4.6 (15' 1") MONO			4.9 (16' 1") 2-PCS	
		Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")	2.5 (8' 2")	2.1 (6' 11")
	mm (in)	Shoe	900 (36)				
Operating weight	kg (lb)		17180(37880)	17115(37730)	17245(38020)	17865(39390)	17800(39240)
Overall length	A	mm (ft-in)	7775(25' 6")	7755(25' 5")	7845(25' 9")	8155(26' 9")	8180(26' 10")
Overall width	B		2940(9' 8")	2940(9' 8")	2940(9' 8")	2940(9' 8")	2940(9' 8")
Overall width with add footboard	B'		2940(9' 8")	2940(9' 8")	2940(9' 8")	2940(9' 8")	2940(9' 8")
Overall height of boom	C		2750(9' 0")	2600(8' 6")	3120(10' 3")	2925(9' 7")	2900(9' 6")
Overall width of upper structure	D		2475(8' 1")	2475(8' 1")	2475(8' 1")	2475(8' 1")	2475(8' 1")
Overall height of cab	E		3135(10' 3")	3135(10' 3")	3135(10' 3")	3135(10' 3")	3135(10' 3")
Ground clearance of counterweight	F		1205(3' 11")	1205(3' 11")	1205(3' 11")	1205(3' 11")	1205(3' 11")
Overall height of engine hood	G		2405(7' 11")	2405(7' 11")	2405(7' 11")	2405(7' 11")	2405(7' 11")
Overall height of guardrail	G'		3385(11' 1")	3385(11' 1")	3385(11' 1")	3385(11' 1")	3385(11' 1")
Minimum ground clearance	H		600(2' 0")	600(2' 0")	600(2' 0")	600(2' 0")	600(2' 0")
Rear-end distance	I		2335(7' 8")	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")	2345(7' 8")
Distance between tumblers	J		3030(9' 11")	3030(9' 11")	3030(9' 11")	3030(9' 11")	3030(9' 11")
Undercarriage length (without grouser)	K		3720(12' 2")	3720(12' 2")	3720(12' 2")	3720(12' 2")	3720(12' 2")
Undercarriage length (with grouser)	K'		3770(12' 4")	3770(12' 4")	3770(12' 4")	3770(12' 4")	3770(12' 4")
Undercarriage width	L		2940(9' 8")	2940(9' 8")	2940(9' 8")	2940(9' 8")	2940(9' 8")
Undercarriage width with add footboard	L'		2940(9' 8")	2940(9' 8")	2940(9' 8")	2940(9' 8")	2940(9' 8")
Track gauge	M		2040(6' 8")	2040(6' 8")	2040(6' 8")	2040(6' 8")	2040(6' 8")
Track shoe width, standard	N		900(2' 11")	900(2' 11")	900(2' 11")	900(2' 11")	900(2' 11")
Track shoe link quantity	EA		47	47	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)	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	11.4	11.4
Gradeability	Degree (%)		35(70)	35(70)	35(70)	35(70)	35(70)
Ground pressure	kgf/cm ² (psi)		0.29(4.11)	0.29(4.11)	0.29(4.12)	0.30(4.27)	0.29(4.11)
Max traction force	kg (lb)		16660(36730)	16660(36730)	16660(36730)	16660(36730)	16660(36730)

3. WORKING RANGE AND DIGGING FORCE

1) HX140A L/LD, 4.6 m MONO BOOM

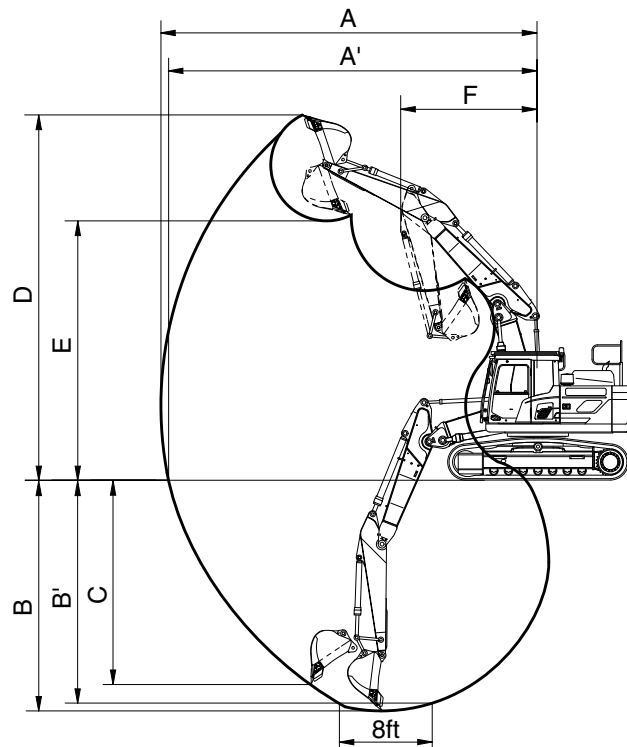


140A2SP10

Description	m (ft-in)	Boom	4.6 (15' 1")		
		Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")
Max digging reach	mm (ft-in)	A	8290 (27' 2")	7820 (25' 8")	8670 (28' 5")
Max digging reach on ground		A'	8140 (26' 8")	7660 (25' 2")	8530 (28' 0")
Max digging depth		B	5380 (17' 8")	4980 (16' 4")	5880 (19' 3")
Max digging depth (8 ft level)		B'	5180 (17' 0")	4710 (15' 5")	5690 (18' 8")
Max vertical wall digging depth		C	4770 (15' 8")	3990 (13' 1")	4980 (16' 4")
Max digging height		D	8580 (28' 2")	8070 (26' 6")	8650 (28' 5")
Max dumping height		E	6240 (20' 6")	5790 (19' 0")	6350 (20' 10")
Min swing radius		F	2450 (8' 0")	2330 (7' 8")	2660 (8' 9")
Bucket digging force	kN	SAE	94.3 [102.4]	94.3 [102.4]	94.3 [102.4]
	kgf		9620 [10440]	9620 [10440]	9620 [10440]
	lbf		21210 [23020]	21210 [23020]	21210 [23020]
	kN	ISO	111.4 [120.9]	111.4 [120.9]	111.4 [120.9]
	kgf		11360 [12330]	11360 [12330]	11360 [12330]
	lbf		25040 [27180]	25040 [27180]	25040 [27180]
Arm digging force	kN	SAE	62.0 [67.3]	71.7 [77.9]	57.0 [61.9]
	kgf		6320 [6860]	7310 [7940]	5810 [6310]
	lbf		13930 [15120]	16120 [17500]	12810 [13910]
	kN	ISO	64.6 [70.1]	75.1 [81.6]	59.0 [64.1]
	kgf		6590 [7150]	7660 [8320]	6020 [6540]
	lbf		14530 [15760]	16890 [18340]	13270 [14420]

[] : Power boost

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

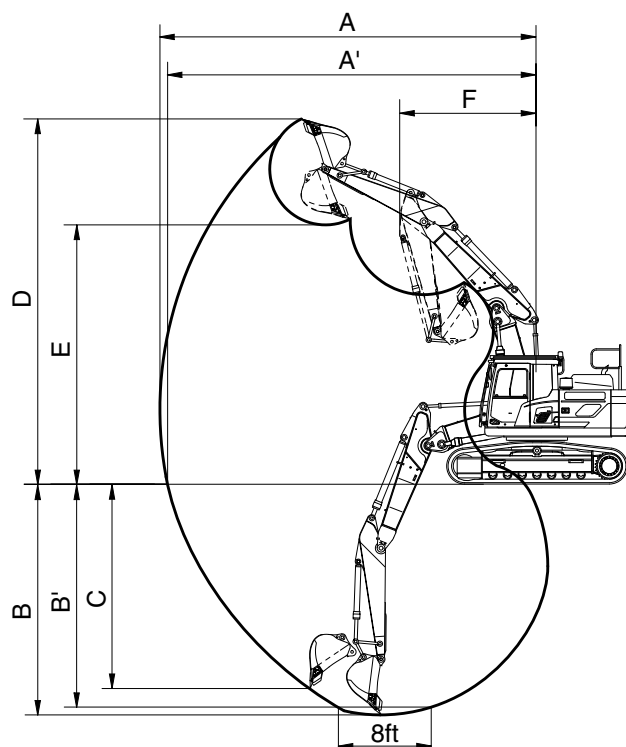


140A2SP11

Description	m (ft-in)	Boom	4.9 (16' 1") 2-PCS	
		Arm	2.5 (8' 2")	2.1 (6' 11")
Max digging reach	mm (ft-in)	A	8720 (28' 7")	8320 (27' 4")
Max digging reach on ground		A'	8580 (28' 2")	8170 (26' 10")
Max digging depth		B	5680 (18' 8")	5270 (17' 3")
Max digging depth (8 ft level)		B'	5570 (18' 3")	5160 (16' 11")
Max vertical wall digging depth		C	5080 (16' 8")	4620 (15' 2")
Max digging height		D	9310 (30' 7")	8890 (29' 2")
Max dumping height		E	6820 (22' 5")	6480 (21' 3")
Min swing radius		F	2690 (8' 10")	2820 (9' 3")
Bucket digging force	kN	SAE	95.1 [103.3]	95.1 [103.3]
	kgf		9700 [10530]	9700 [10530]
	lbf		21380 [23210]	21380 [23210]
	kN	ISO	112.4 [122.0]	112.4 [122.0]
	kgf		11460 [12440]	11460 [12440]
	lbf		25260 [27430]	25260 [27430]
Arm digging force	kN	SAE	63.5 [69.0]	74.7 [81.1]
	kgf		6480 [7040]	7620 [8270]
	lbf		14290 [15520]	16800 [18230]
	kN	ISO	66.2 [71.9]	78.3 [84.9]
	kgf		6750 [7330]	7980 [8660]
	lbf		14880 [16160]	17590 [19090]

[] : Power boost

3) HX140A HW, 4.6 m MONO BOOM

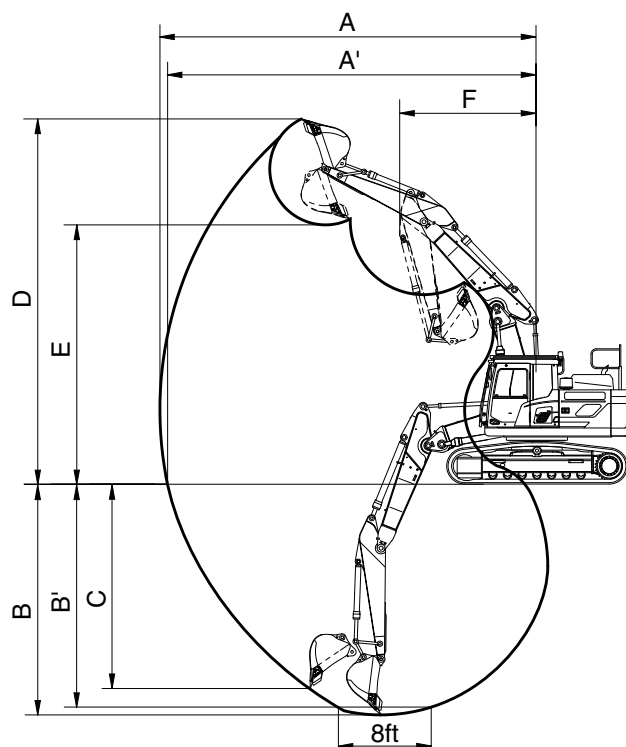


140A2SP11

Description	m (ft-in)	Boom	4.6 (15' 1")		
		Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")
Max digging reach	mm (ft-in)	A	8290 (27' 2")	7820 (25' 8")	8670 (28' 5")
Max digging reach on ground		A'	8080 (26' 6")	7600 (24' 11")	8470 (27' 9")
Max digging depth		B	5110 (16' 9")	4710 (15' 5")	5610 (18' 5")
Max digging depth (8 ft level)		B'	4900 (16' 1")	4430 (14' 6")	5410 (17' 9")
Max vertical wall digging depth		C	4490 (14' 9")	3710 (12' 2")	4700 (15' 5")
Max digging height		D	8860 (29' 1")	8350 (27' 5")	8930 (29' 4")
Max dumping height		E	6520 (21' 5")	6070 (19' 11")	6620 (21' 9")
Min swing radius		F	2450 (8' 0")	2330 (7' 8")	2660 (8' 9")
Bucket digging force	kN	SAE	94.3 [102.4]	94.3 [102.4]	94.3 [102.4]
	kgf		9620 [10440]	9620 [10440]	9620 [10440]
	lbf		21210 [23020]	21210 [23020]	21210 [23020]
	kN	ISO	111.4 [120.9]	111.4 [120.9]	111.4 [120.9]
	kgf		11360 [12330]	11360 [12330]	11360 [12330]
	lbf		25040 [27180]	25040 [27180]	25040 [27180]
Arm digging force	kN	SAE	62.0 [67.3]	71.7 [77.9]	57.0 [61.9]
	kgf		6320 [6860]	7310 [7940]	5810 [6310]
	lbf		13930 [15120]	16120 [17500]	12810 [13910]
	kN	ISO	64.6 [70.1]	75.1 [81.6]	59.0 [64.1]
	kgf		6590 [7150]	7660 [8320]	6020 [6540]
	lbf		14530 [15760]	16890 [18340]	13270 [14420]

[] : Power boost

4) HX140A HW, 4.9 m 2-PIECE BOOM



140A2SP11

Description	m (ft-in)	Boom	4.9 (16' 1") 2-PCS	
		Arm	2.5 (8' 2")	2.1 (6' 11")
Max digging reach	mm (ft-in)	A	8720 (28' 7")	8320 (27' 4")
Max digging reach on ground		A'	8580 (28' 2")	8170 (26' 10")
Max digging depth		B	5680 (18' 8")	5270 (17' 3")
Max digging depth (8 ft level)		B'	5570 (18' 3")	5160 (16' 11")
Max vertical wall digging depth		C	5080 (16' 8")	4620 (15' 2")
Max digging height		D	9310 (30' 7")	8890 (29' 2")
Max dumping height		E	6365 (20' 11")	6480 (21' 3")
Min swing radius		F	2660 (8' 9")	2820 (9' 3")
Bucket digging force	kN	SAE	95.1 [103.3]	95.1 [103.3]
	kgf		9700 [10530]	9700 [10530]
	lbf		21380 [23210]	21380 [23210]
	kN	ISO	112.4 [122.0]	112.4 [122.0]
	kgf		11460 [12440]	11460 [12440]
	lbf		25260 [27430]	25260 [27430]
Arm digging force	kN	SAE	63.5 [69.0]	74.7 [81.1]
	kgf		6480 [7040]	7620 [8270]
	lbf		14290 [15520]	16800 [18230]
	kN	ISO	66.2 [71.9]	78.3 [84.9]
	kgf		6750 [7330]	7980 [8660]
	lbf		14880 [16160]	17590 [19090]

[] : 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 m³ bucket assembly	1	438	966	438	966	438	966
· 0.52 m³ bucket assembly	1	411	906	411	906	411	906
· 0.65 m³ bucket assembly	1	459	1012	459	1012	459	1012
· 0.50 m³ bucket assembly	1	439	968	439	968	439	968
· 0.62 m³ bucket assembly	1	491	1082	491	1082	491	1082
· 0.66 m³ bucket assembly	1	526	1160	526	1160	526	1160
· 0.77 m³ 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

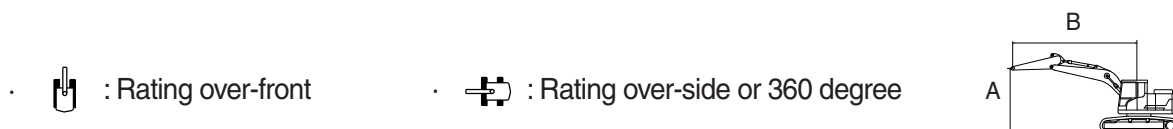
※ This information is different with operating and transportation weight because it is not including harness, pipe, oil, fuel so on.











※ 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	
HX140A L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	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 lb					*3860 *8510	*3860 *8510			*3020 *6660	*3020 *6660	4.79 (15.7)
4.5 m (14.8 ft)	kg lb					*4350 *9590	4120 9080			*2830 *6240	2720 6000	5.87 (19.2)
3.0 m (9.8 ft)	kg lb			*7500 *16530	7270 16030	*5200 *11460	3940 8690	3870 8530	2570 5670	*2880 *6350	2320 5110	6.42 (21.1)
1.5 m (4.9 ft)	kg lb					5840 12870	3730 8220	3780 8330	2490 5490	*3120 *6880	2180 4810	6.59 (21.6)
0.0 m (0.0 ft)	kg lb			*6970 *15370	6490 14310	5680 12520	3590 7910	3720 8200	2430 5360	3390 7470	2230 4920	6.41 (21.0)
-1.5 m (-4.9 ft)	kg lb	*6030 *13290	*6030 *13290	*9760 *21520	6520 14370	5650 12460	3560 7850			3870 8530	2520 5560	5.83 (19.1)
-3.0 m (-9.8 ft)	kg lb			*7980 *17590	6650 14660	*5380 *11860	3650 8050			*5000 *11020	3420 7540	4.72 (15.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

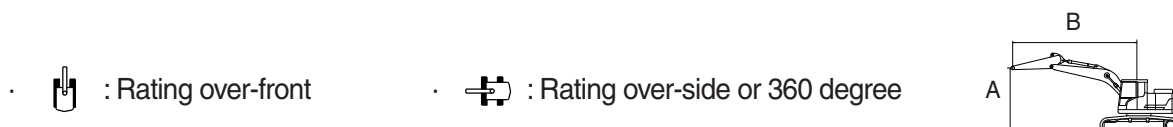
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

Consult 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 L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		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 lb					*3670 *8090	*3670 *8090			*2180 *4810	*2180 *4810	5.42 (17.8)
4.5 m (14.8 ft)	kg lb					*3930 *8660	*3930 *8660	*3210 *7080	2650 5840	*2020 *4450	*2020 *4450	6.39 (21.0)
3.0 m (9.8 ft)	kg lb			*6610 *14570	*6610 *14570	*4820 *10630	3970 8750	3880 8550	2580 5690	*2010 *4430	*2010 *4430	6.90 (22.6)
1.5 m (4.9 ft)	kg lb			*7930 *17480	6750 14880	5860 12920	3740 8250	3780 8330	2490 5490	*2120 *4670	1960 4320	7.06 (23.2)
0.0 m (0.0 ft)	kg lb			*6750 *14880	6470 14260	5680 12520	3580 7890	3690 8140	2410 5310	*2380 *5250	2000 4410	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4910 *10820	*4910 *10820	*9970 *21980	6450 14220	5610 12370	3520 7760	3670 8090	2390 5270	*2910 *6420	2220 4890	6.36 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8760 *19310	*8760 *19310	*8640 *19050	6560 14460	5660 12480	3570 7870			*4220 *9300	2830 6240	5.36 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

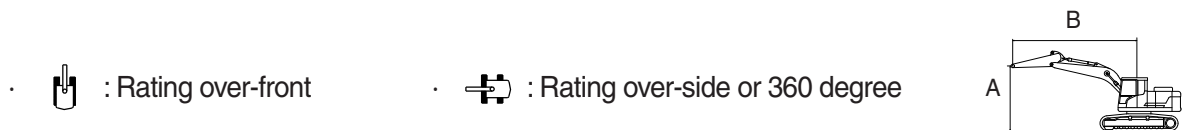
Lifting capacities will vary with different work tools, ground conditions and attachments.











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 L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	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)
7.5 m (24.6 ft)	kg lb									*2440 *5380	*2440 *5380	4.34 (14.2)
6.0 m (19.7 ft)	kg lb									*2070 *4560	*2070 *4560	5.91 (19.4)
4.5 m (14.8 ft)	kg lb					*3420 *7540	*3420 *7540	*3220 *7100	2690 5930	*1960 *4320	*1960 *4320	6.81 (22.4)
3.0 m (9.8 ft)	kg lb			*5510 *12150	*5510 *12150	*4340 *9570	4040 8910	*3830 *8440	2610 5750	*1980 *4370	1910 4210	7.30 (23.9)
1.5 m (4.9 ft)	kg lb			*8570 *18890	6910 15230	*5510 *12150	3790 8360	3800 8380	2500 5510	*2100 *4630	1810 3990	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*7920 *17460	6490 14310	5690 12540	3590 7910	3690 8140	2410 5310	*2360 *5200	1830 4030	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*4680 *10320	*4680 *10320	*9710 *21410	6380 14070	5580 12300	3490 7690	3640 8020	2360 5200	*2870 *6330	2000 4410	6.78 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7710 *17000	*7710 *17000	*9300 *20500	6450 14220	5600 12350	3510 7740			3800 8380	2460 5420	5.86 (19.2)
-4.5 m (-14.8 ft)	kg lb			*6670 *14700	6670 14700					*4510 *9940	3980 8770	4.24 (13.9)

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.

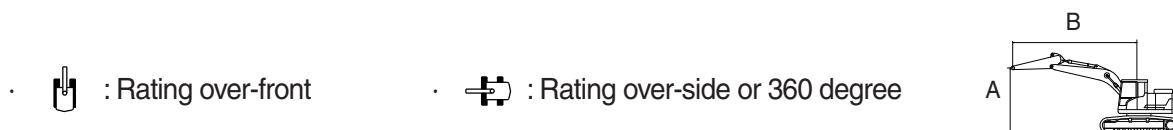
The difference between the weight of a work tool attachment must be subtracted.











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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 L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2400	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 lb					*3860 *8510	*3860 *8510			*3020 *6660	*3020 *6660	4.79 (15.7)
4.5 m (14.8 ft)	kg lb					*4350 *9590	4330 9550			*2830 *6240	*2830 *6240	5.87 (19.2)
3.0 m (9.8 ft)	kg lb			*7500 *16530	*7500 *16530	*5200 *11460	4150 9150	4050 8930	2720 6000	*2880 *6350	2450 5400	6.42 (21.1)
1.5 m (4.9 ft)	kg lb					6110 13470	3930 8660	3960 8730	2640 5820	*3120 *6880	2310 5090	6.59 (21.6)
0.0 m (0.0 ft)	kg lb			*6970 *15370	6860 15120	5950 13120	3800 8380	3900 8600	2580 5690	3550 7830	2360 5200	6.41 (21.0)
-1.5 m (-4.9 ft)	kg lb	*6030 *13290	*6030 *13290	*9760 *21520	6880 15170	5920 13050	3770 8310			4050 8930	2670 5890	5.83 (19.1)
-3.0 m (-9.8 ft)	kg lb			*7980 *17590	7020 15480	*5380 *11860	3850 8490			*5000 *11020	3620 7980	4.72 (15.5)

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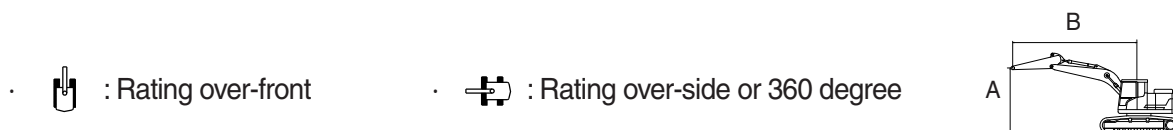
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2400	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 lb					*3670 *8090	*3670 *8090			*2180 *4810	*2180 *4810	5.42 (17.8)
4.5 m (14.8 ft)	kg lb					*3930 *8660	*3930 *8660	*3210 *7080	2790 6150	*2020 *4450	*2020 *4450	6.39 (21.0)
3.0 m (9.8 ft)	kg lb			*6610 *14570	*6610 *14570	*4820 *10630	4180 9220	4060 8950	2730 6020	*2010 *4430	*2010 *4430	6.90 (22.6)
1.5 m (4.9 ft)	kg lb			*7930 *17480	7120 15700	*5900 *13010	3950 8710	3960 8730	2630 5800	*2120 *4670	2080 4590	7.06 (23.2)
0.0 m (0.0 ft)	kg lb			*6750 *14880	*6750 *14880	5950 13120	3790 8360	3870 8530	2560 5640	*2380 *5250	2120 4670	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4910 *10820	*4910 *10820	*9970 *21980	6820 15040	5880 12960	3730 8220	3850 8490	2530 5580	*2910 *6420	2350 5180	6.36 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8760 *19310	*8760 *19310	*8640 *19050	6920 15260	*5860 *12920	3780 8330			*4220 *9300	3000 6610	5.36 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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

4. *Indicates load limited by hydraulic capacity.

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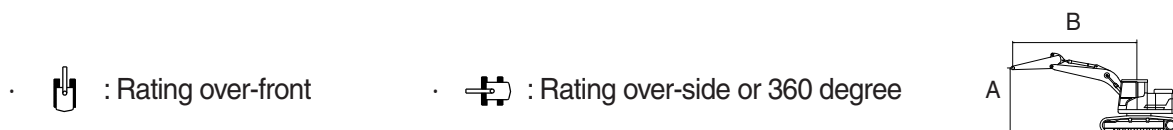
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2400	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)
7.5 m (24.6 ft)	kg lb									*2440 *5380	*2440 *5380	4.34 (14.2)
6.0 m (19.7 ft)	kg lb									*2070 *4560	*2070 *4560	5.91 (19.4)
4.5 m (14.8 ft)	kg lb					*3420 *7540	*3420 *7540	*3220 *7100	2840 6260	*1960 *4320	*1960 *4320	6.81 (22.4)
3.0 m (9.8 ft)	kg lb			*5510 *12150	*5510 *12150	*4340 *9570	4250 9370	*3830 *8440	2750 6060	*1980 *4370	*1980 *4370	7.30 (23.9)
1.5 m (4.9 ft)	kg lb			*8570 *18890	7270 16030	*5510 *12150	3990 8800	3980 8770	2640 5820	*2100 *4630	1920 4230	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*7920 *17460	6850 15100	5960 13140	3790 8360	3870 8530	2550 5620	*2360 *5200	1950 4300	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*4680 *10320	*4680 *10320	*9710 *21410	6750 14880	5850 12900	3700 8160	3820 8420	2500 5510	*2870 *6330	2130 4700	6.78 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7710 *17000	*7710 *17000	*9300 *20500	6810 15010	5870 12940	3710 8180			3980 8770	2610 5750	5.86 (19.2)
-4.5 m (-14.8 ft)	kg lb			*6670 *14700	*6670 *14700					*4510 *9940	4200 9260	4.24 (13.9)

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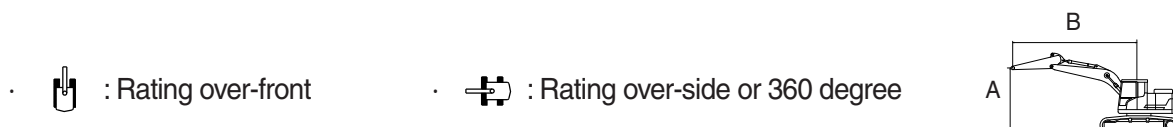
The difference between the weight of a work tool attachment must be subtracted.









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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 L	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	2400	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)						At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*4050 *8930	*4050 *8930	3.64 (12.0)
6.0 m (19.7 ft)	kg lb			*3480 *7670	*3480 *7670			*3600 *7940	3260 7190	5.43 (17.8)
4.5 m (14.8 ft)	kg lb			*3850 *8490	*3850 *8490	*3680 *8110	2780 6130	*3310 *7300	2490 5490	6.40 (21.0)
3.0 m (9.8 ft)	kg lb			*4800 *10580	4110 9060	*3990 *8800	2700 5950	3260 7190	2170 4780	6.91 (22.7)
1.5 m (4.9 ft)	kg lb			*5860 *12920	3850 8490	3950 8710	2590 5710	3100 6830	2050 4520	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			5890 12990	3700 8160	3860 8510	2520 5560	3180 7010	2090 4610	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*7680 *16930	6740 14860	5860 12920	3670 8090	3840 8470	2500 5510	3550 7830	2320 5110	6.37 (20.9)
-3.0 m (-9.8 ft)	kg lb			*5890 *12990	3740 8250					

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4. *Indicates load limited by hydraulic capacity.

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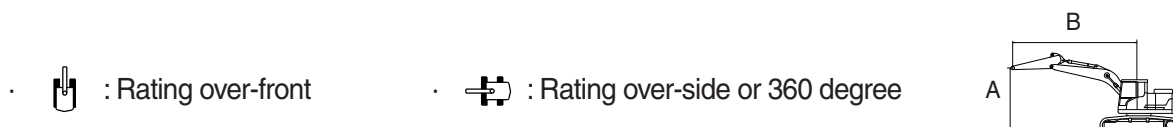
Lifting capacities will vary with different work tools, ground conditions and attachments.









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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A L	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	2400	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)						At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*3060 *6750	*3060 *6750	4.39 (14.4)
6.0 m (19.7 ft)	kg lb			*3050 *6720	*3050 *6720			*2500 *5510	*2500 *5510	5.95 (19.5)
4.5 m (14.8 ft)	kg lb			*3460 *7630	*3460 *7630	*3360 *7410	2800 6170	*2310 *5090	2240 4940	6.85 (22.5)
3.0 m (9.8 ft)	kg lb			*4430 *9770	4150 9150	*3730 *8220	2710 5970	*2270 *5000	1970 4340	7.33 (24.0)
1.5 m (4.9 ft)	kg lb			*5550 *12240	3860 8510	3940 8690	2580 5690	*2350 *5180	1870 4120	7.48 (24.5)
0.0 m (0.0 ft)	kg lb	*3760 *8290	*3760 *8290	5870 12940	3680 8110	3840 8470	2490 5490	*2560 *5640	1900 4190	7.31 (24.0)
-1.5 m (-4.9 ft)	kg lb	*7010 *15450	6630 14620	5800 12790	3620 7980	3790 8360	2450 5400	*2980 *6570	2080 4590	6.82 (22.4)
-3.0 m (-9.8 ft)	kg lb	*9000 *19840	6740 14860	5850 12900	3660 8070			*3900 *8600	2570 5670	5.90 (19.4)

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.

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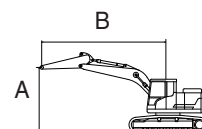
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.











2) HX140A LD

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
												m (ft)
6.0 m (19.7 ft)	kg lb					*3860 *8510	*3860 *8510			*3020 *6660	*3020 *6660	4.79 (15.7)
4.5 m (14.8 ft)	kg lb					*4350 *9590	*4350 *9590			*2830 *6240	*2830 *6240	5.87 (19.2)
3.0 m (9.8 ft)	kg lb			*7500 *16530	*7500 *16530	*5200 *11460	4510 9940	*4400 *9700	2950 6500	*2880 *6350	2660 5860	6.42 (21.1)
1.5 m (4.9 ft)	kg lb					*6190 *13650	4300 9480	*4770 *10520	2870 6330	*3120 *6880	2510 5530	6.59 (21.6)
0.0 m (0.0 ft)	kg lb			*6970 *15370	*6970 *15370	*6760 *14900	4160 9170	*4990 *11000	2810 6190	*3640 *8020	2570 5670	6.41 (21.0)
-1.5 m (-4.9 ft)	kg lb	*6030 *13290	*6030 *13290	*9760 *21520	7680 16930	*6620 *14590	4130 9110			*4770 *10520	2910 6420	5.83 (19.1)
-3.0 m (-9.8 ft)	kg lb			*7980 *17590	7820 17240	*5380 *11860	4220 9300			*5000 *11020	3950 8710	4.72 (15.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

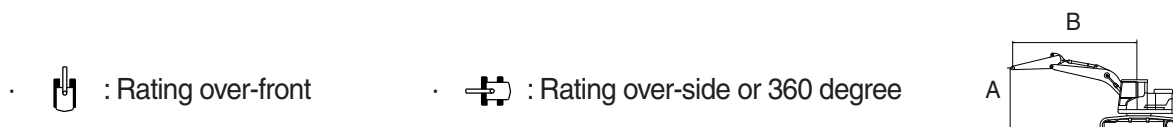
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

Consult 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	-	Up	-	-	-



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					*3860 *8510	*3860 *8510			*3020 *6660	*3020 *6660	4.79 (15.7)
4.5 m (14.8 ft)	kg lb					*4350 *9590	4320 9520			*2830 *6240	*2830 *6240	5.87 (19.2)
3.0 m (9.8 ft)	kg lb			*7500 *16530	*7500 *16530	*5200 *11460	4130 9110	3840 8470	2710 5970	*2880 *6350	2440 5380	6.42 (21.1)
1.5 m (4.9 ft)	kg lb					5790 12760	3920 8640	3750 8270	2630 5800	*3120 *6880	2300 5070	6.59 (21.6)
0.0 m (0.0 ft)	kg lb			*6970 *15370	6830 15060	5640 12430	3790 8360	3690 8140	2570 5670	3360 7410	2350 5180	6.41 (21.0)
-1.5 m (-4.9 ft)	kg lb	*6030 *13290	*6030 *13290	*9760 *21520	6860 15120	5610 12370	3760 8290			3840 8470	2660 5860	5.83 (19.1)
-3.0 m (-9.8 ft)	kg lb			*7980 *17590	7000 15430	*5380 *11860	3840 8470			*5000 *11020	3600 7940	4.72 (15.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

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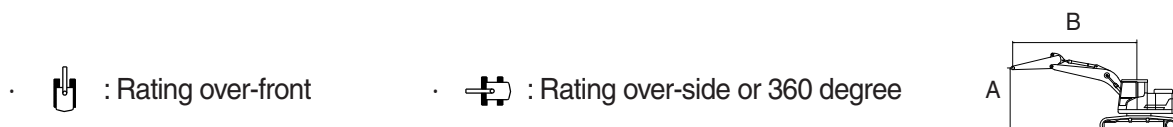
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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Model	Type	Boom	Arm	Counterweight	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	-	-	-



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					*3670 *8090	*3670 *8090			*2180 *4810	*2180 *4810	5.42 (17.8)
4.5 m (14.8 ft)	kg lb					*3930 *8660	*3930 *8660	*3210 *7080	3020 6660	*2020 *4450	*2020 *4450	6.39 (21.0)
3.0 m (9.8 ft)	kg lb			*6610 *14570	*6610 *14570	*4820 *10630	4550 10030	*4140 *9130	2960 6530	*2010 *4430	*2010 *4430	6.90 (22.6)
1.5 m (4.9 ft)	kg lb			*7930 *17480	7920 17460	*5900 *13010	4320 9520	*4590 *10120	2860 6310	*2120 *4670	*2120 *4670	7.06 (23.2)
0.0 m (0.0 ft)	kg lb			*6750 *14880	*6750 *14880	*6630 *14620	4150 9150	*4920 *10850	2780 6130	*2380 *5250	2300 5070	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4910 *10820	*4910 *10820	*9970 *21980	7610 16780	*6700 *14770	4090 9020	*4830 *10650	2760 6080	*2910 *6420	2560 5640	6.36 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8760 *19310	*8760 *19310	*8640 *19050	7720 17020	*5860 *12920	4140 9130			*4220 *9300	3270 7210	5.36 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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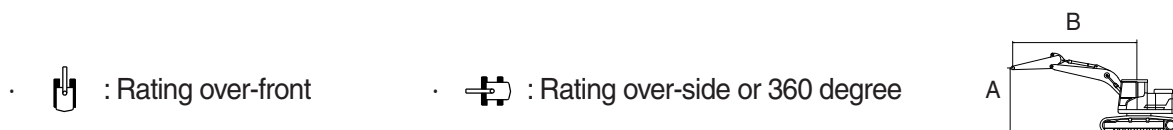
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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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	-	-	-



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					*3670 *8090	*3670 *8090			*2180 *4810	*2180 *4810	5.42 (17.8)
4.5 m (14.8 ft)	kg lb					*3930 *8660	*3930 *8660	*3210 *7080	2780 6130	*2020 *4450	*2020 *4450	6.39 (21.0)
3.0 m (9.8 ft)	kg lb			*6610 *14570	*6610 *14570	*4820 *10630	4170 9190	3850 8490	2720 6000	*2010 *4430	*2010 *4430	6.90 (22.6)
1.5 m (4.9 ft)	kg lb			*7930 *17480	7090 15630	5820 12830	3940 8690	3750 8270	2620 5780	*2120 *4670	2070 4560	7.06 (23.2)
0.0 m (0.0 ft)	kg lb			*6750 *14880	*6750 *14880	5630 12410	3770 8310	3670 8090	2550 5620	*2380 *5250	2110 4650	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4910 *10820	*4910 *10820	*9970 *21980	6790 14970	5570 12280	3720 8200	3640 8020	2520 5560	*2910 *6420	2340 5160	6.36 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8760 *19310	*8760 *19310	*8640 *19050	6900 15210	5620 12390	3760 8290			*4220 *9300	2990 6590	5.36 (17.6)

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.

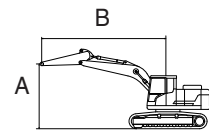
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*2440 *5380	*2440 *5380	4.34 (14.2)
6.0 m (19.7 ft)	kg lb									*2070 *4560	*2070 *4560	5.91 (19.4)
4.5 m (14.8 ft)	kg lb					*3420 *7540	*3420 *7540	*3220 *7100	3070 6770	*1960 *4320	*1960 *4320	6.81 (22.4)
3.0 m (9.8 ft)	kg lb			*5510 *12150	*5510 *12150	*4340 *9570	*4340 *9570	*3830 *8440	2990 6590	*1980 *4370	*1980 *4370	7.30 (23.9)
1.5 m (4.9 ft)	kg lb			*8570 *18890	8090 17840	*5510 *12150	4360 9610	*4350 *9590	2880 6350	*2100 *4630	2090 4610	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*7920 *17460	7650 16870	*6410 *14130	4160 9170	*4790 *10560	2780 6130	*2360 *5200	2120 4670	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*4680 *10320	*4680 *10320	*9710 *21410	7540 16620	*6710 *14790	4060 8950	*4900 *10800	2730 6020	*2870 *6330	2320 5110	6.78 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7710 *17000	*7710 *17000	*9300 *20500	7610 16780	*6230 *13730	4070 8970			*4050 *8930	2850 6280	5.86 (19.2)
-4.5 m (-14.8 ft)	kg lb			*6670 *14700	*6670 *14700					*4510 *9940	*4510 *9940	4.24 (13.9)

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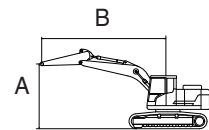
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




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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*2440 *5380	*2440 *5380	4.34 (14.2)
6.0 m (19.7 ft)	kg lb									*2070 *4560	*2070 *4560	5.91 (19.4)
4.5 m (14.8 ft)	kg lb					*3420 *7540	*3420 *7540	*3220 *7100	2830 6240	*1960 *4320	*1960 *4320	6.81 (22.4)
3.0 m (9.8 ft)	kg lb			*5510 *12150	*5510 *12150	*4340 *9570	4230 9330	*3830 *8440	2750 6060	*1980 *4370	*1980 *4370	7.30 (23.9)
1.5 m (4.9 ft)	kg lb			*8570 *18890	7250 15980	*5510 *12150	3980 8770	3770 8310	2640 5820	*2100 *4630	1910 4210	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*7920 *17460	6830 15060	5650 12460	3780 8330	3660 8070	2540 5600	*2360 *5200	1940 4280	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*4680 *10320	*4680 *10320	*9710 *21410	6730 14840	5540 12210	3690 8140	3610 7960	2490 5490	*2870 *6330	2120 4670	6.78 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7710 *17000	*7710 *17000	*9300 *20500	6790 14970	5550 12240	3700 8160			3770 8310	2600 5730	5.86 (19.2)
-4.5 m (-14.8 ft)	kg lb			*6670 *14700	*6670 *14700					*4510 *9940	4190 9240	4.24 (13.9)

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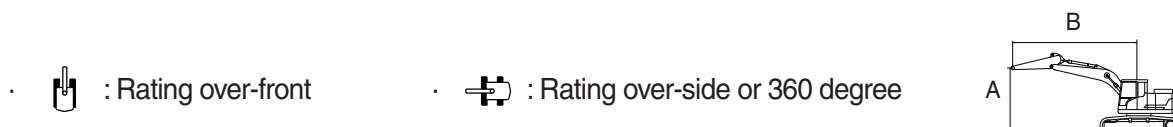
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Make adjustments to the rated load as necessary for non-standard configurations.

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	2100	2400	600	-	Down	-	-	-



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					*3860 *8510	*3860 *8510			*3020 *6660	*3020 *6660	4.79 (15.7)
4.5 m (14.8 ft)	kg lb					*4350 *9590	*4350 *9590			*2830 *6240	*2830 *6240	5.87 (19.2)
3.0 m (9.8 ft)	kg lb			*7500 *16530	*7500 *16530	*5200 *11460	4730 10430	*4400 *9700	3100 6830	*2880 *6350	2800 6170	6.42 (21.1)
1.5 m (4.9 ft)	kg lb					*6190 *13650	4520 9960	*4770 *10520	3020 6660	*3120 *6880	2640 5820	6.59 (21.6)
0.0 m (0.0 ft)	kg lb			*6970 *15370	*6970 *15370	*6760 *14900	4380 9660	*4990 *11000	2960 6530	*3640 *8020	2710 5970	6.41 (21.0)
-1.5 m (-4.9 ft)	kg lb	*6030 *13290	*6030 *13290	*9760 *21520	8070 17790	*6620 *14590	4350 9590			*4770 *10520	3070 6770	5.83 (19.1)
-3.0 m (-9.8 ft)	kg lb			*7980 *17590	*7980 *17590	*5380 *11860	4430 9770			*5000 *11020	4160 9170	4.72 (15.5)

Note 1. Lifting capacity are based on ISO 10567.

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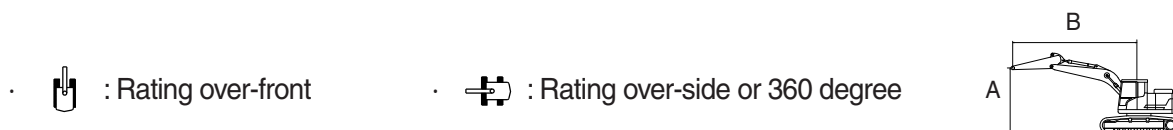
Lifting capacities will vary with different work tools, ground conditions and attachments.











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▲ Failure to comply to the rated load can cause 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	2400	600	-	Up	-	-	-



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					*3860 *8510	*3860 *8510			*3020 *6660	*3020 *6660	4.79 (15.7)
4.5 m (14.8 ft)	kg lb					*4350 *9590	*4350 *9590			*2830 *6240	*2830 *6240	5.87 (19.2)
3.0 m (9.8 ft)	kg lb			*7500 *16530	*7500 *16530	*5200 *11460	4340 9570	4020 8860	2850 6280	*2880 *6350	2570 5670	6.42 (21.1)
1.5 m (4.9 ft)	kg lb					6060 13360	4130 9110	3930 8660	2770 6110	*3120 *6880	2430 5360	6.59 (21.6)
0.0 m (0.0 ft)	kg lb			*6970 *15370	*6970 *15370	5910 13030	3990 8800	3870 8530	2710 5970	3530 7780	2490 5490	6.41 (21.0)
-1.5 m (-4.9 ft)	kg lb	*6030 *13290	*6030 *13290	*9760 *21520	7230 15940	5880 12960	3960 8730			4020 8860	2810 6190	5.83 (19.1)
-3.0 m (-9.8 ft)	kg lb			*7980 *17590	7360 16230	*5380 *11860	4050 8930			*5000 *11020	3800 8380	4.72 (15.5)

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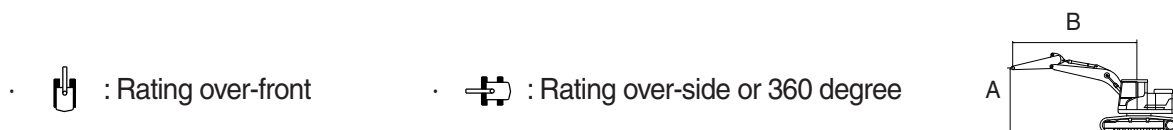
Lifting capacities will vary with different work tools, ground conditions and attachments.











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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	-	Down	-	-	-



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					*3670 *8090	*3670 *8090			*2180 *4810	*2180 *4810	5.42 (17.8)
4.5 m (14.8 ft)	kg lb					*3930 *8660	*3930 *8660	*3210 *7080	3170 6990	*2020 *4450	*2020 *4450	6.39 (21.0)
3.0 m (9.8 ft)	kg lb			*6610 *14570	*6610 *14570	*4820 *10630	4770 10520	*4140 *9130	3110 6860	*2010 *4430	*2010 *4430	6.90 (22.6)
1.5 m (4.9 ft)	kg lb			*7930 *17480	*7930 *17480	*5900 *13010	4530 9990	*4590 *10120	3010 6640	*2120 *4670	*2120 *4670	7.06 (23.2)
0.0 m (0.0 ft)	kg lb			*6750 *14880	*6750 *14880	*6630 *14620	4370 9630	*4920 *10850	2930 6460	*2380 *5250	*2380 *5250	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4910 *10820	*4910 *10820	*9970 *21980	8000 17640	*6700 *14770	4310 9500	*4830 *10650	2910 6420	*2910 *6420	2700 5950	6.36 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8760 *19310	*8760 *19310	*8640 *19050	8110 17880	*5860 *12920	4360 9610			*4220 *9300	3440 7580	5.36 (17.6)

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.

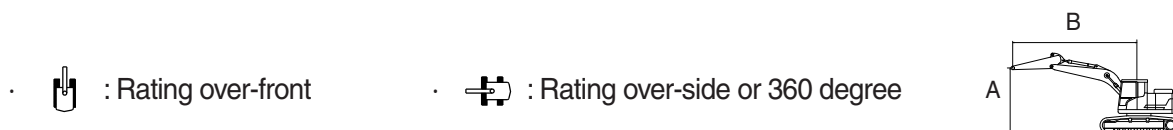
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HX140A LD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2400	600	-	Up	-	-	-



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					*3670 *8090	*3670 *8090			*2180 *4810	*2180 *4810	5.42 (17.8)
4.5 m (14.8 ft)	kg lb					*3930 *8660	*3930 *8660	*3210 *7080	2920 6440	*2020 *4450	*2020 *4450	6.39 (21.0)
3.0 m (9.8 ft)	kg lb			*6610 *14570	*6610 *14570	*4820 *10630	4370 9630	4030 8880	2860 6310	*2010 *4430	*2010 *4430	6.90 (22.6)
1.5 m (4.9 ft)	kg lb			*7930 *17480	7460 16450	*5900 *13010	4140 9130	3930 8660	2770 6110	*2120 *4670	*2120 *4670	7.06 (23.2)
0.0 m (0.0 ft)	kg lb			*6750 *14880	*6750 *14880	5900 13010	3980 8770	3850 8490	2690 5930	*2380 *5250	2230 4920	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4910 *10820	*4910 *10820	*9970 *21980	7160 15790	5840 12870	3920 8640	3820 8420	2670 5890	*2910 *6420	2480 5470	6.36 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8760 *19310	*8760 *19310	*8640 *19050	7270 16030	*5860 *12920	3970 8750			*4220 *9300	3150 6940	5.36 (17.6)

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.

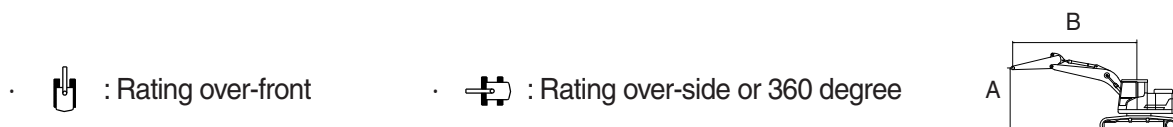
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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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	2400	600	-	Down	-	-	-



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)
7.5 m (24.6 ft)	kg lb									*2440 *5380	*2440 *5380	4.34 (14.2)
6.0 m (19.7 ft)	kg lb									*2070 *4560	*2070 *4560	5.91 (19.4)
4.5 m (14.8 ft)	kg lb					*3420 *7540	*3420 *7540	*3220 *7100	3220 7100	*1960 *4320	*1960 *4320	6.81 (22.4)
3.0 m (9.8 ft)	kg lb			*5510 *12150	*5510 *12150	*4340 *9570	*4340 *9570	*3830 *8440	3140 6920	*1980 *4370	*1980 *4370	7.30 (23.9)
1.5 m (4.9 ft)	kg lb			*8570 *18890	8480 18700	*5510 *12150	4580 10100	*4350 *9590	3030 6680	*2100 *4630	*2100 *4630	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*7920 *17460	*7920 *17460	*6410 *14130	4370 9630	*4790 *10560	2930 6460	*2360 *5200	2240 4940	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*4680 *10320	*4680 *10320	*9710 *21410	7940 17500	*6710 *14790	4280 9440	*4900 *10800	2880 6350	*2870 *6330	2450 5400	6.78 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7710 *17000	*7710 *17000	*9300 *20500	8000 17640	*6230 *13730	4290 9460			*4050 *8930	3000 6610	5.86 (19.2)
-4.5 m (-14.8 ft)	kg lb			*6670 *14700	*6670 *14700					*4510 *9940	*4510 *9940	4.24 (13.9)

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.

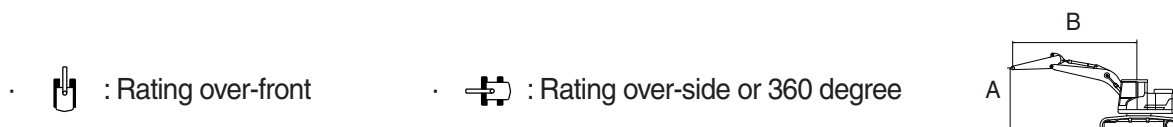
The difference between the weight of a work tool attachment must be subtracted.











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
		4600	3000	2400	600	-	Up	-	-	-



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)
7.5 m (24.6 ft)	kg lb									*2440 *5380	*2440 *5380	4.34 (14.2)
6.0 m (19.7 ft)	kg lb									*2070 *4560	*2070 *4560	5.91 (19.4)
4.5 m (14.8 ft)	kg lb					*3420 *7540	*3420 *7540	*3220 *7100	2970 6550	*1960 *4320	*1960 *4320	6.81 (22.4)
3.0 m (9.8 ft)	kg lb			*5510 *12150	*5510 *12150	*4340 *9570	*4340 *9570	*3830 *8440	2890 6370	*1980 *4370	*1980 *4370	7.30 (23.9)
1.5 m (4.9 ft)	kg lb			*8570 *18890	7620 16800	*5510 *12150	4190 9240	3950 8710	2780 6130	*2100 *4630	2030 4480	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*7920 *17460	7200 15870	5920 13050	3990 8800	3840 8470	2680 5910	*2360 *5200	2050 4520	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*4680 *10320	*4680 *10320	*9710 *21410	7090 15630	5810 12810	3900 8600	3790 8360	2640 5820	*2870 *6330	2250 4960	6.78 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7710 *17000	*7710 *17000	*9300 *20500	7160 15790	5820 12830	3910 8620			3950 8710	2750 6060	5.86 (19.2)
-4.5 m (-14.8 ft)	kg lb			*6670 *14700	*6670 *14700					*4510 *9940	4410 9720	4.24 (13.9)

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.

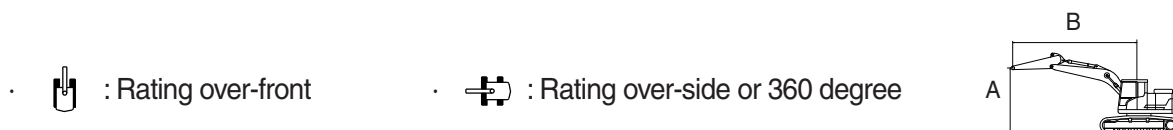
The difference between the weight of a work tool attachment must be subtracted.









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	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	2400	600	-	Down	-	-	-



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							*4050 *8930	*4050 *8930	3.64 (12.0)
6.0 m (19.7 ft)	kg lb			*3480 *7670	*3480 *7670			*3600 *7940	*3600 *7940	5.43 (17.8)
4.5 m (14.8 ft)	kg lb			*3850 *8490	*3850 *8490	*3680 *8110	3170 6990	*3310 *7300	2840 6260	6.40 (21.0)
3.0 m (9.8 ft)	kg lb			*4800 *10580	4700 10360	*3990 *8800	3090 6810	*3280 *7230	2480 5470	6.91 (22.7)
1.5 m (4.9 ft)	kg lb			*5860 *12920	4440 9790	*4450 *9810	2980 6570	*3420 *7540	2360 5200	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6510 *14350	4290 9460	*4800 *10580	2900 6390	*3780 *8330	2410 5310	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*7680 *16930	*7680 *16930	*6570 *14480	4250 9370	*4790 *10560	2880 6350	*4410 *9720	2680 5910	6.37 (20.9)
-3.0 m (-9.6 ft)	kg lb			*5890 *12990	4330 9550					

Note 1. Lifting capacity are based on ISO 10567.

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4. *Indicates load limited by hydraulic capacity.

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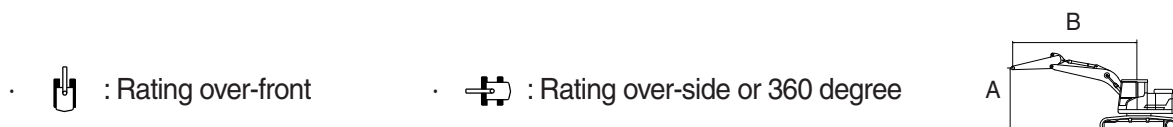
Lifting capacities will vary with different work tools, ground conditions and attachments.









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

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	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	2400	600	-	Up	-	-	-



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							*4050 *8930	*4050 *8930	3.64 (12.0)
6.0 m (19.7 ft)	kg lb			*3480 *7670	*3480 *7670			*3600 *7940	3410 7520	5.43 (17.8)
4.5 m (14.8 ft)	kg lb			*3850 *8490	*3850 *8490	*3680 *8110	2920 6440	*3310 *7300	2620 5780	6.40 (21.0)
3.0 m (9.8 ft)	kg lb			*4800 *10580	4300 9480	*3990 *8800	2830 6240	3230 7120	2280 5030	6.91 (22.7)
1.5 m (4.9 ft)	kg lb			*5860 *12920	4050 8930	3920 8640	2730 6020	3080 6790	2160 4760	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			5850 12900	3900 8600	3830 8440	2650 5840	3150 6940	2200 4850	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*7680 *16930	7080 15610	5810 12810	3860 8510	3820 8420	2630 5800	3520 7760	2450 5400	6.37 (20.9)
-3.0 m (-9.6 ft)	kg lb			*5890 *12990	3930 8660					

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.

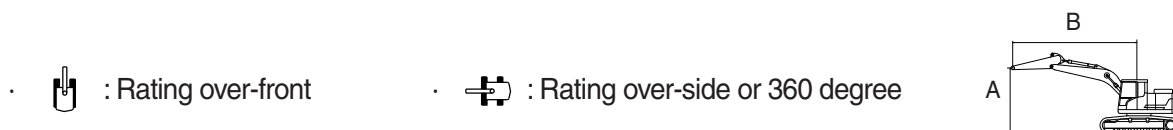
Lifting capacities will vary with different work tools, ground conditions and attachments.









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

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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	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	2400	600	-	Down	-	-	-



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							*3060 *6750	*3060 *6750	4.39 (14.4)
6.0 m (19.7 ft)	kg lb			*3050 *6720	*3050 *6720			*2500 *5510	*2500 *5510	5.95 (19.5)
4.5 m (14.8 ft)	kg lb			*3460 *7630	*3460 *7630	*3360 *7410	3190 7030	*2310 *5090	*2310 *5090	6.85 (22.5)
3.0 m (9.8 ft)	kg lb			*4430 *9770	*4430 *9770	*3730 *8220	3090 6810	*2270 *5000	2260 4980	7.33 (24.0)
1.5 m (4.9 ft)	kg lb			*5550 *12240	4450 9810	*4250 *9370	2970 6550	*2350 *5180	2160 4760	7.48 (24.5)
0.0 m (0.0 ft)	kg lb	*3760 *8290	*3760 *8290	*6330 *13960	4270 9410	*4670 *10300	2870 6330	*2560 *5640	2190 4830	7.31 (24.0)
-1.5 m (-4.9 ft)	kg lb	*7010 *15450	*7010 *15450	*6560 *14460	4200 9260	*4800 *10580	2830 6240	*2980 *6570	2410 5310	6.82 (22.4)
-3.0 m (-9.6 ft)	kg lb	*9000 *19840	7940 17500	*6130 *13510	4250 9370			*3900 *8600	2960 6530	5.90 (19.4)

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.

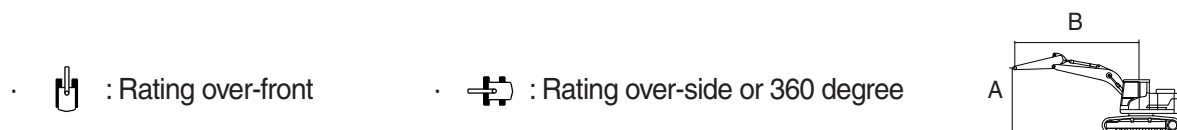
Lifting capacities will vary with different work tools, ground conditions and attachments.









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

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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	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	2400	600	-	Up	-	-	-



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							*3060 *6750	*3060 *6750	4.39 (14.4)
6.0 m (19.7 ft)	kg lb			*3050 *6720	*3050 *6720			*2500 *5510	*2500 *5510	5.95 (19.5)
4.5 m (14.8 ft)	kg lb			*3460 *7630	*3460 *7630	*3360 *7410	2940 6480	*2310 *5090	*2310 *5090	6.85 (22.5)
3.0 m (9.8 ft)	kg lb			*4430 *9770	4340 9570	*3730 *8220	2840 6260	*2270 *5000	2080 4590	7.33 (24.0)
1.5 m (4.9 ft)	kg lb			*5550 *12240	4060 8950	3910 8620	2720 6000	*2350 *5180	1970 4340	7.48 (24.5)
0.0 m (0.0 ft)	kg lb	*3760 *8290	*3760 *8290	5830 12850	3870 8530	3810 8400	2620 5780	*2560 *5640	2000 4410	7.31 (24.0)
-1.5 m (-4.9 ft)	kg lb	*7010 *15450	6970 15370	5760 12700	3810 8400	3770 8310	2590 5710	*2980 *6570	2200 4850	6.82 (22.4)
-3.0 m (-9.6 ft)	kg lb	*9000 *19840	7090 15630	5810 12810	3850 8490			*3900 *8600	2710 5970	5.90 (19.4)

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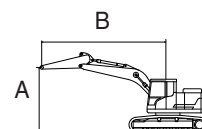
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.











3) HX140A HW, 700 mm SHOE

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	700	-	-	-	-	-

·  : 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					*4130 *9110	*4130 *9110			*2950 *6500	*2950 *6500	5.04 (16.5)
4.5 m (14.8 ft)	kg lb					*4470 *9850	*4470 *9850	*2830 *6240	*2830 *6240	*2820 *6220	*2820 *6220	6.00 (19.7)
3.0 m (9.8 ft)	kg lb			*8080 *17810	*8080 *17810	*5390 *11880	4660 10270	*4460 *9830	3080 6790	*2900 *6390	2750 6060	6.48 (21.3)
1.5 m (4.9 ft)	kg lb					*6340 *13980	4460 9830	4470 9850	3000 6610	*3190 *7030	2640 5820	6.58 (21.6)
0.0 m (0.0 ft)	kg lb			*7630 *16820	*7630 *16820	6730 14840	4340 9570	4410 9720	2950 6500	*3780 *8330	2750 6060	6.33 (20.8)
-1.5 m (-4.9 ft)	kg lb	*6850 *15100	*6850 *15100	*9530 *21010	7960 17550	*6500 *14330	4330 9550			4780 10540	3180 7010	5.67 (18.6)
-3.0 m (-9.8 ft)	kg lb			*7450 *16420	*7450 *16420					*4980 *10980	4540 10010	4.43 (14.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

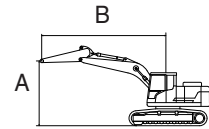
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	2500	2100	700	-	-	-	-	-

·  : 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)
7.5 m (24.6 ft)	kg lb									*2580 *5690	*2580 *5690	4.06 (13.3)
6.0 m (19.7 ft)	kg lb					*3660 *8070	*3660 *8070			*2130 *4700	*2130 *4700	5.64 (18.5)
4.5 m (14.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3460 *7630	3160 6970	*2010 *4430	*2010 *4430	6.51 (21.4)
3.0 m (9.8 ft)	kg lb			*7180 *15830	*7180 *15830	*5020 *11070	4700 10360	*4220 *9300	3090 6810	*2020 *4450	*2020 *4450	6.96 (22.8)
1.5 m (4.9 ft)	kg lb			*6940 *15300	*6940 *15300	*6080 *13400	4470 9850	4460 9830	2990 6590	*2150 *4740	*2150 *4740	7.05 (23.1)
0.0 m (0.0 ft)	kg lb			*7140 *15740	*7140 *15740	*6690 *14750	4330 9550	4390 9680	2920 6440	*2450 *5400	*2450 *5400	6.82 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5530 *12190	*5530 *12190	*9910 *21850	7890 17390	*6620 *14590	4290 9460	4380 9660	2910 6420	*3060 *6750	2790 6150	6.22 (20.4)
-3.0 m (-9.8 ft)	kg lb			*8220 *18120	8020 17680	*5530 *12190	4360 9610			*4540 *10010	3680 8110	5.11 (16.8)
-4.5 m (-14.8 ft)	kg lb			*6970 *15370	*6970 *15370					*4530 *9990	*4530 *9990	4.29 (14.1)

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.

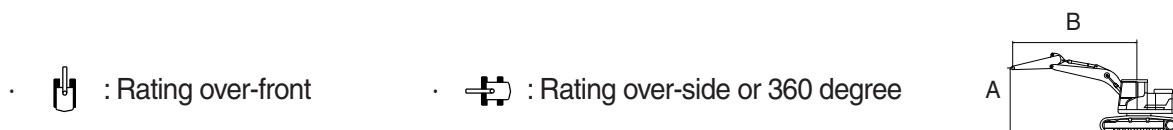
The difference between the weight of a work tool attachment must be subtracted.











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 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2100	700	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb					*2690 *5930	*2690 *5930			*2330 *5140	*2330 *5140	4.70 (15.4)
6.0 m (19.7 ft)	kg lb							*2310 *5090	*2310 *5090	*2030 *4480	*2030 *4480	6.12 (20.1)
4.5 m (14.8 ft)	kg lb					*3550 *7830	*3550 *7830	*3360 *7410	3200 7050	*1950 *4300	*1950 *4300	6.93 (22.7)
3.0 m (9.8 ft)	kg lb			*6080 *13400	*6080 *13400	*4550 *10030	*4550 *10030	*3920 *8640	3110 6860	*1990 *4390	*1990 *4390	7.35 (24.1)
1.5 m (4.9 ft)	kg lb			*9020 *19890	8230 18140	*5710 *12590	4510 9940	*4440 *9790	3000 6610	*2140 *4720	*2140 *4720	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*8000 *17640	7880 17370	*6520 *14370	4320 9520	4380 9660	2910 6420	*2430 *5360	2260 4980	7.22 (23.7)
-1.5 m (-4.9 ft)	kg lb	*5170 *11400	*5170 *11400	*10210 *22510	7810 17220	6640 14640	4250 9370	4340 9570	2870 6330	*3010 *6640	2520 5560	6.65 (21.8)
-3.0 m (-9.8 ft)	kg lb	*8400 *18520	*8400 *18520	*8970 *19780	7900 17420	*6030 *13290	4280 9440			*4450 *9810	3170 6990	5.63 (18.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

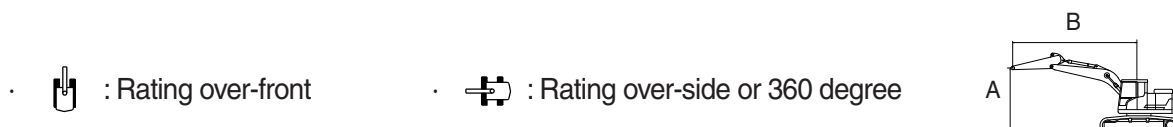
The difference between the weight of a work tool attachment must be subtracted.











Consult 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	2100	2400	700	-	-	-	-	-



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					*4130 *9110	*4130 *9110			*2950 *6500	*2950 *6500	5.04 (16.5)
4.5 m (14.8 ft)	kg lb					*4470 *9850	*4470 *9850	*2830 *6240	*2830 *6240	*2820 *6220	*2820 *6220	6.00 (19.7)
3.0 m (9.8 ft)	kg lb			*8080 *17810	*8080 *17810	*5390 *11880	4880 10760	*4460 *9830	3230 7120	*2900 *6390	2880 6350	6.48 (21.3)
1.5 m (4.9 ft)	kg lb					*6340 *13980	4670 10300	4650 10250	3150 6940	*3190 *7030	2770 6110	6.58 (21.6)
0.0 m (0.0 ft)	kg lb			*7630 *16820	*7630 *16820	*6790 *14970	4550 10030	4590 10120	3090 6810	*3780 *8330	2880 6350	6.33 (20.8)
-1.5 m (-4.9 ft)	kg lb	*6850 *15100	*6850 *15100	*9530 *21010	8340 18390	*6500 *14330	4540 10010			*4900 *10800	3340 7360	5.67 (18.6)
-3.0 m (-9.8 ft)	kg lb			*7450 *16420	*7450 *16420					*4980 *10980	4760 10490	4.43 (14.5)

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.

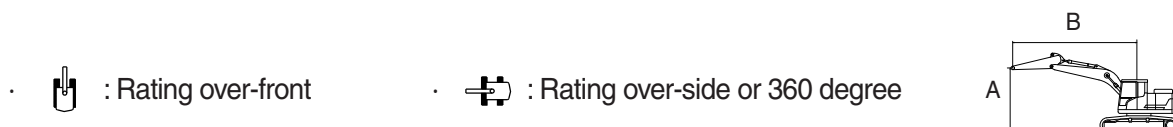
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2400	700	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb									*2580 *5690	*2580 *5690	4.06 (13.3)
6.0 m (19.7 ft)	kg lb					*3660 *8070	*3660 *8070			*2130 *4700	*2130 *4700	5.64 (18.5)
4.5 m (14.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3460 *7630	3310 7300	*2010 *4430	*2010 *4430	6.51 (21.4)
3.0 m (9.8 ft)	kg lb			*7180 *15830	*7180 *15830	*5020 *11070	4910 10820	*4220 *9300	3230 7120	*2020 *4450	*2020 *4450	6.96 (22.8)
1.5 m (4.9 ft)	kg lb			*6940 *15300	*6940 *15300	*6080 *13400	4680 10320	4640 10230	3140 6920	*2150 *4740	*2150 *4740	7.05 (23.1)
0.0 m (0.0 ft)	kg lb			*7140 *15740	*7140 *15740	*6690 *14750	4540 10010	4570 10080	3070 6770	*2450 *5400	*2450 *5400	6.82 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5530 *12190	*5530 *12190	*9910 *21850	8270 18230	*6620 *14590	4500 9920	4560 10050	3060 6750	*3060 *6750	2930 6460	6.22 (20.4)
-3.0 m (-9.8 ft)	kg lb			*8220 *18120	*8220 *18120	*5530 *12190	4570 10080			*4540 *10010	3860 8510	5.11 (16.8)

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.

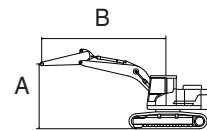
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2400	700	-	-	-	-	-

·  : 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)
7.5 m (24.6 ft)	kg lb					*2690 *5930	*2690 *5930			*2330 *5140	*2330 *5140	4.70 (15.4)
6.0 m (19.7 ft)	kg lb							*2310 *5090	*2310 *5090	*2030 *4480	*2030 *4480	6.12 (20.1)
4.5 m (14.8 ft)	kg lb					*3550 *7830	*3550 *7830	*3360 *7410	3350 7390	*1950 *4300	*1950 *4300	6.93 (22.7)
3.0 m (9.8 ft)	kg lb			*6080 *13400	*6080 *13400	*4550 *10030	*4550 *10030	*3920 *8640	3260 7190	*1990 *4390	*1990 *4390	7.35 (24.1)
1.5 m (4.9 ft)	kg lb			*9020 *19890	8610 18980	*5710 *12590	4720 10410	*4440 *9790	3150 6940	*2140 *4720	*2140 *4720	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*8000 *17640	*8000 *17640	*6520 *14370	4540 10010	4560 10050	3060 6750	*2430 *5360	2380 5250	7.22 (23.7)
-1.5 m (-4.9 ft)	kg lb	*5170 *11400	*5170 *11400	*10210 *22510	8190 18060	*6690 *14750	4460 9830	4520 9960	3020 6660	*3010 *6640	2650 5840	6.65 (21.8)
-3.0 m (-9.8 ft)	kg lb	*8400 *18520	*8400 *18520	*8970 *19780	8280 18250	*6030 *13290	4490 9900			*4450 *9810	3330 7340	5.63 (18.5)
-4.5 m (-14.8 ft)	kg lb			*6970 *15370	*6970 *15370					*4530 *9990	*4530 *9990	4.29 (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.

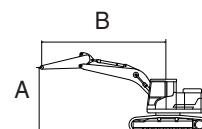
Make adjustments to the rated load as necessary for non-standard configurations.











4) HX140A HW, 800 mm SHOE

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	800	-	-	-	-	-

·  : 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					*4130 *9110	*4130 *9110			*2950 *6500	*2950 *6500	5.04 (16.5)
4.5 m (14.8 ft)	kg lb					*4470 *9850	*4470 *9850	*2830 *6240	*2830 *6240	*2820 *6220	*2820 *6220	6.00 (19.7)
3.0 m (9.8 ft)	kg lb			*8080 *17810	*8080 *17810	*5390 *11880	4720 10410	*4460 *9830	3120 6880	*2900 *6390	2790 6150	6.48 (21.3)
1.5 m (4.9 ft)	kg lb					*6340 *13980	4520 9960	4530 9990	3040 6700	*3190 *7030	2670 5890	6.58 (21.6)
0.0 m (0.0 ft)	kg lb			*7630 *16820	*7630 *16820	*6790 *14970	4400 9700	4470 9850	2990 6590	*3780 *8330	2780 6130	6.33 (20.8)
-1.5 m (-4.9 ft)	kg lb	*6850 *15100	*6850 *15100	*9530 *21010	8070 17790	*6500 *14330	4390 9680			4850 10690	3220 7100	5.67 (18.6)
-3.0 m (-9.8 ft)	kg lb			*7450 *16420	*7450 *16420					*4980 *10980	4610 10160	4.43 (14.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

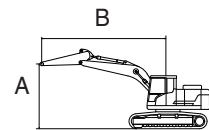
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	2500	2100	800	-	-	-	-	-

·  : 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)
7.5 m (24.6 ft)	kg lb									*2580 *5690	*2580 *5690	4.06 (13.3)
6.0 m (19.7 ft)	kg lb					*3660 *8070	*3660 *8070			*2130 *4700	*2130 *4700	5.64 (18.5)
4.5 m (14.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3460 *7630	3200 7050	*2010 *4430	*2010 *4430	6.51 (21.4)
3.0 m (9.8 ft)	kg lb			*7180 *15830	*7180 *15830	*5020 *11070	4760 10490	*4220 *9300	3130 6900	*2020 *4450	*2020 *4450	6.96 (22.8)
1.5 m (4.9 ft)	kg lb			*6940 *15300	*6940 *15300	*6080 *13400	4530 9990	4520 9960	3030 6680	*2150 *4740	*2150 *4740	7.05 (23.1)
0.0 m (0.0 ft)	kg lb			*7140 *15740	*7140 *15740	*6690 *14750	4390 9680	4450 9810	2960 6530	*2450 *5400	*2450 *5400	6.82 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5530 *12190	*5530 *12190	*9910 *21850	7990 17610	*6620 *14590	4350 9590	4440 9790	2950 6500	*3060 *6750	2830 6240	6.22 (20.4)
-3.0 m (-9.8 ft)	kg lb			*8220 *18120	8130 17920	*5530 *12190	4420 9740			*4540 *10010	3730 8220	5.11 (16.8)
-4.5 m (-14.8 ft)	kg lb			*6970 *15370	*6970 *15370					*4530 *9990	*4530 *9990	4.29 (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.

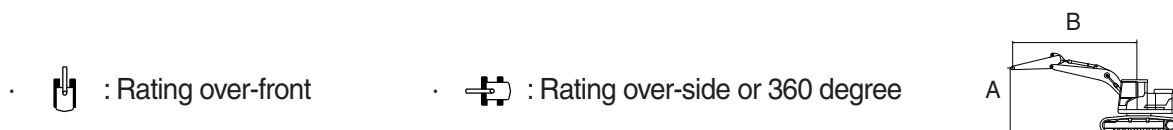
The difference between the weight of a work tool attachment must be subtracted.











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	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2100	800	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb					*2690 *5930	*2690 *5930			*2330 *5140	*2330 *5140	4.70 (15.4)
6.0 m (19.7 ft)	kg lb							*2310 *5090	*2310 *5090	*2030 *4480	*2030 *4480	6.12 (20.1)
4.5 m (14.8 ft)	kg lb					*3550 *7830	*3550 *7830	*3360 *7410	3240 7140	*1950 *4300	*1950 *4300	6.93 (22.7)
3.0 m (9.8 ft)	kg lb			*6080 *13400	*6080 *13400	*4550 *10030	*4550 *10030	*3920 *8640	3150 6940	*1990 *4390	*1990 *4390	7.35 (24.1)
1.5 m (4.9 ft)	kg lb			*9020 *19890	8340 18390	*5710 *12590	4570 10080	*4440 *9790	3040 6700	*2140 *4720	*2140 *4720	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*8000 *17640	7990 17610	*6520 *14370	4380 9660	4440 9790	2950 6500	*2430 *5360	2300 5070	7.22 (23.7)
-1.5 m (-4.9 ft)	kg lb	*5170 *11400	*5170 *11400	*10210 *22510	7920 17460	*6690 *14750	4310 9500	4400 9700	2920 6440	*3010 *6640	2550 5620	6.65 (21.8)
-3.0 m (-9.8 ft)	kg lb	*8400 *18520	*8400 *18520	*8970 *19780	8010 17660	*6030 *13290	4340 9570			*4450 *9810	3220 7100	5.63 (18.5)

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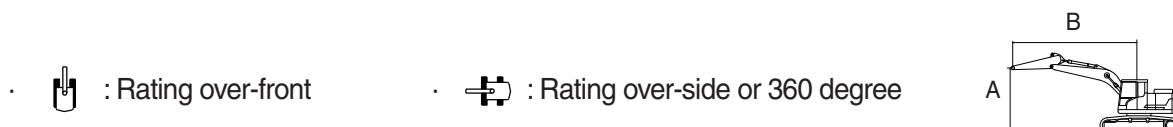
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Make adjustments to the rated load as necessary for non-standard configurations.

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
		4600	2100	2400	800	-	-	-	-	-



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					*4130 *9110	*4130 *9110			*2950 *6500	*2950 *6500	5.04 (16.5)
4.5 m (14.8 ft)	kg lb					*4470 *9850	*4470 *9850	*2830 *6240	*2830 *6240	*2820 *6220	*2820 *6220	6.00 (19.7)
3.0 m (9.8 ft)	kg lb			*8080 *17810	*8080 *17810	*5390 *11880	4940 10890	*4460 *9830	3270 7210	*2900 *6390	*2900 *6390	6.48 (21.3)
1.5 m (4.9 ft)	kg lb					*6340 *13980	4730 10430	4710 10380	3190 7030	*3190 *7030	2800 6170	6.58 (21.6)
0.0 m (0.0 ft)	kg lb			*7630 *16820	*7630 *16820	*6790 *14970	4610 10160	4650 10250	3140 6920	*3780 *8330	2920 6440	6.33 (20.8)
-1.5 m (-4.9 ft)	kg lb	*6850 *15100	*6850 *15100	*9530 *21010	8450 18630	*6500 *14330	4600 10140			*4900 *10800	3380 7450	5.67 (18.6)
-3.0 m (-9.8 ft)	kg lb			*7450 *16420	*7450 *16420					*4980 *10980	4820 10630	4.43 (14.5)

Note 1. Lifting capacity are based on ISO 10567.

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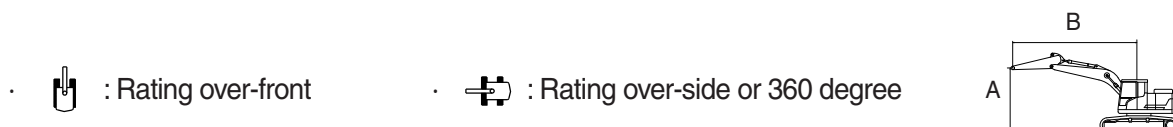
Lifting capacities will vary with different work tools, ground conditions and attachments.











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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	2400	800	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb									*2580 *5690	*2580 *5690	4.06 (13.3)
6.0 m (19.7 ft)	kg lb					*3660 *8070	*3660 *8070			*2130 *4700	*2130 *4700	5.64 (18.5)
4.5 m (14.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3460 *7630	3350 7390	*2010 *4430	*2010 *4430	6.51 (21.4)
3.0 m (9.8 ft)	kg lb			*7180 *15830	*7180 *15830	*5020 *11070	4970 10960	*4220 *9300	3270 7210	*2020 *4450	*2020 *4450	6.96 (22.8)
1.5 m (4.9 ft)	kg lb			*6940 *15300	*6940 *15300	*6080 *13400	4740 10450	*4660 *10270	3180 7010	*2150 *4740	*2150 *4740	7.05 (23.1)
0.0 m (0.0 ft)	kg lb			*7140 *15740	*7140 *15740	*6690 *14750	4600 10140	*4630 10210	3110 6860	*2450 *5400	*2450 *5400	6.82 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5530 *12190	*5530 *12190	*9910 *21850	8370 18450	*6620 *14590	4560 10050	4620 10190	3100 6830	*3060 *6750	2970 6550	6.22 (20.4)
-3.0 m (-9.8 ft)	kg lb			*8220 *18120	*8220 *18120	*5530 *12190	4630 10210			*4540 *10010	3910 8620	5.11 (16.8)

Note 1. Lifting capacity are based on ISO 10567.

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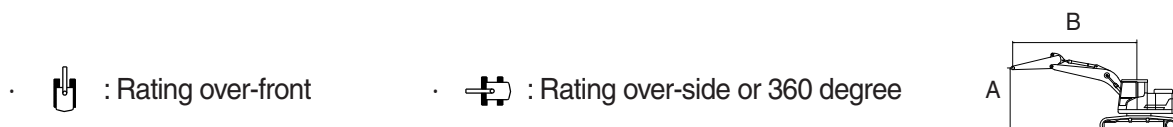
Lifting capacities will vary with different work tools, ground conditions and attachments.











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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	800	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb					*2690 *5930	*2690 *5930			*2330 *5140	*2330 *5140	4.70 (15.4)
6.0 m (19.7 ft)	kg lb							*2310 *5090	*2310 *5090	*2030 *4480	*2030 *4480	6.12 (20.1)
4.5 m (14.8 ft)	kg lb					*3550 *7830	*3550 *7830	*3360 *7410	*3360 *7410	*1950 *4300	*1950 *4300	6.93 (22.7)
3.0 m (9.8 ft)	kg lb			*6080 *13400	*6080 *13400	*4550 *10030	*4550 *10030	*3920 *8640	3300 7280	*1990 *4390	*1990 *4390	7.35 (24.1)
1.5 m (4.9 ft)	kg lb			*9020 *19890	8720 19220	*5710 *12590	4780 10540	*4440 *9790	3190 7030	*2140 *4720	*2140 *4720	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*8000 *17640	*8000 *17640	*6520 *14370	4600 10140	4620 10190	3100 6830	*2430 *5360	2420 5340	7.22 (23.7)
-1.5 m (-4.9 ft)	kg lb	*5170 *11400	*5170 *11400	*10210 *22510	8300 18300	*6690 *14750	4520 9960	4580 10100	3060 6750	*3010 *6640	2680 5910	6.65 (21.8)
-3.0 m (-9.8 ft)	kg lb	*8400 *18520	*8400 *18520	*8970 *19780	8390 18500	*6030 *13290	4560 10050			*4450 *9810	3380 7450	5.63 (18.5)
-4.5 m (-14.8 ft)	kg lb			*6970 *15370	*6970 *15370					*4530 *9990	*4530 *9990	4.29 (14.1)

Note 1. Lifting capacity are based on ISO 10567.

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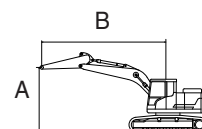
Make adjustments to the rated load as necessary for non-standard configurations.











5) HX140A HW, 900 mm SHOE

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	900	-	-	-	-	-

·  : 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					*4130 *9110	*4130 *9110			*2950 *6500	*2950 *6500	5.04 (16.5)
4.5 m (14.8 ft)	kg lb					*4470 *9850	*4470 *9850	*2830 *6240	*2830 *6240	*2820 *6220	*2820 *6220	6.00 (19.7)
3.0 m (9.8 ft)	kg lb			*8080 *17810	*8080 *17810	*5390 *11880	4770 10520	*4460 *9830	3160 6970	*2900 *6390	2820 6220	6.48 (21.3)
1.5 m (4.9 ft)	kg lb					*6340 *13980	4570 10080	4580 10100	3070 6770	*3190 *7030	2700 5950	6.58 (21.6)
0.0 m (0.0 ft)	kg lb			*7630 *16820	*7630 *16820	*6790 *14970	4450 9810	4520 9960	3020 6660	*3780 *8330	2820 6220	6.33 (20.8)
-1.5 m (-4.9 ft)	kg lb	*6850 *15100	*6850 *15100	*9530 *21010	8160 17990	*6500 *14330	4440 9790			4900 10800	3260 7190	5.67 (18.6)
-3.0 m (-9.8 ft)	kg lb			*7450 *16420	*7450 *16420					*4980 *10980	4650 10250	4.43 (14.5)

Note 1. Lifting capacity are based on ISO 10567.

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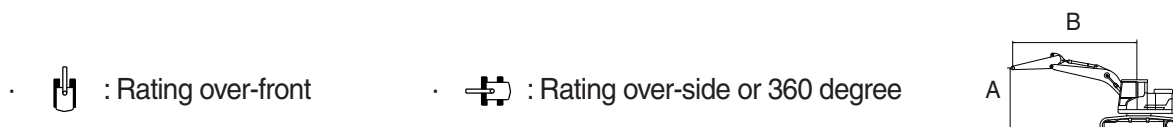
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2100	900	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb									*2580 *5690	*2580 *5690	4.06 (13.3)
6.0 m (19.7 ft)	kg lb					*3660 *8070	*3660 *8070			*2130 *4700	*2130 *4700	5.64 (18.5)
4.5 m (14.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3460 *7630	3240 7140	*2010 *4430	*2010 *4430	6.51 (21.4)
3.0 m (9.8 ft)	kg lb			*7180 *15830	*7180 *15830	*5020 *11070	4810 10600	*4220 *9300	3160 6970	*2020 *4450	*2020 *4450	6.96 (22.8)
1.5 m (4.9 ft)	kg lb			*6940 *15300	*6940 *15300	*6080 *13400	4580 10100	4570 10080	3070 6770	*2150 *4740	*2150 *4740	7.05 (23.1)
0.0 m (0.0 ft)	kg lb			*7140 *15740	*7140 *15740	*6690 *14750	4430 9770	4500 9920	3000 6610	*2450 *5400	*2450 *5400	6.82 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5530 *12190	*5530 *12190	*9910 *21850	8080 17810	*6620 *14590	4400 9700	4490 9900	2990 6590	*3060 *6750	2860 6310	6.22 (20.4)
-3.0 m (-9.8 ft)	kg lb			*8220 *18120	8220 18120	*5530 *12190	4470 9850			*4540 *10010	3780 8330	5.11 (16.8)
-4.5 m (-14.8 ft)	kg lb			*6970 *15370	*6970 *15370					*4530 *9990	*4530 *9990	4.29 (14.1)

Note 1. Lifting capacity are based on ISO 10567.

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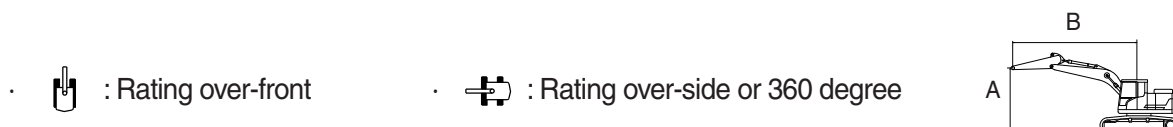
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Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2100	900	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb					*2690 *5930	*2690 *5930			*2330 *5140	*2330 *5140	4.70 (15.4)
6.0 m (19.7 ft)	kg lb							*2310 *5090	*2310 *5090	*2030 *4480	*2030 *4480	6.12 (20.1)
4.5 m (14.8 ft)	kg lb					*3550 *7830	*3550 *7830	*3360 *7410	3280 7230	*1950 *4300	*1950 *4300	6.93 (22.7)
3.0 m (9.8 ft)	kg lb			*6080 *13400	*6080 *13400	*4550 *10030	*4550 *10030	*3920 *8640	3190 7030	*1990 *4390	*1990 *4390	7.35 (24.1)
1.5 m (4.9 ft)	kg lb			*9020 *19890	8430 18580	*5710 *12590	4620 10190	*4440 *9790	3080 6790	*2140 *4720	*2140 *4720	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*8000 *17640	*8000 *17640	*6520 *14370	4430 9770	4490 9900	2990 6590	*2430 *5360	2320 5110	7.22 (23.7)
-1.5 m (-4.9 ft)	kg lb	*5170 *11400	*5170 *11400	*10210 *22510	8010 17660	*6690 *14750	4360 9610	4450 9810	2950 6500	*3010 *6640	2580 5690	6.65 (21.8)
-3.0 m (-9.8 ft)	kg lb	*8400 *18520	*8400 *18520	*8970 *19780	8100 17860	*6030 *13290	4390 9680			*4450 *9810	3260 7190	5.63 (18.5)

Note 1. Lifting capacity are based on ISO 10567.

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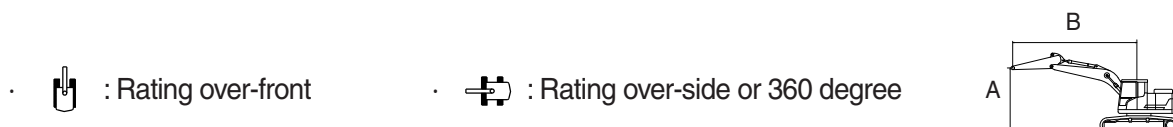
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
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Make adjustments to the rated load as necessary for non-standard configurations.

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
		4600	2100	2400	900	-	-	-	-	-



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					*3300 *7280	*3300 *7280			*2140 *4720	*2140 *4720	5.21 (17.1)
4.5 m (14.8 ft)	kg lb					*3800 *8380	*3800 *8380	*2560 *5640	*2560 *5640	*2120 *4670	*2120 *4670	6.15 (20.2)
3.0 m (9.8 ft)	kg lb			*6870 *15150	*6870 *15150	*4740 *10450	*4740 *10450	*3940 *8690	3070 6770	*2260 *4980	*2260 *4980	6.62 (21.7)
1.5 m (4.9 ft)	kg lb			*9420 *20770	8310 18320	*5760 *12700	4520 9960	*4370 *9630	2970 6550	*2590 *5710	2500 5510	6.72 (22.0)
0.0 m (0.0 ft)	kg lb			*8940 *19710	8070 17790	*6360 *14020	4360 9610	4430 9770	2890 6370	*3250 *7170	2600 5730	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*6730 *14840	*6730 *14840	*9510 *20970	8090 17840	*6290 *13870	4320 9520			4610 10160	3000 6610	5.83 (19.1)
-3.0 m (-9.8 ft)	kg lb			*7840 *17280	*7840 *17280	*5210 *11490	4410 9720			*5010 *11050	4240 9350	4.63 (15.2)

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.

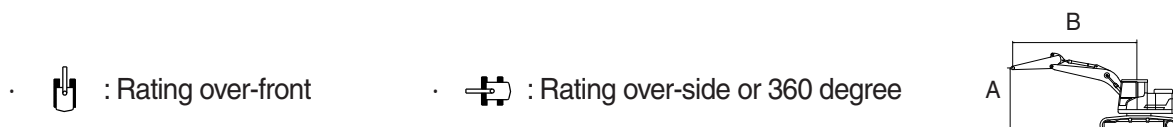
Lifting capacities will vary with different work tools, ground conditions and attachments.











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.

▲ 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	2400	900	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb									*2580 *5690	*2580 *5690	4.06 (13.3)
6.0 m (19.7 ft)	kg lb					*3660 *8070	*3660 *8070			*2130 *4700	*2130 *4700	5.64 (18.5)
4.5 m (14.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3460 *7630	3380 7450	*2010 *4430	*2010 *4430	6.51 (21.4)
3.0 m (9.8 ft)	kg lb			*7180 *15830	*7180 *15830	*5020 *11070	5020 11070	*4220 *9300	3310 7300	*2020 *4450	*2020 *4450	6.96 (22.8)
1.5 m (4.9 ft)	kg lb			*6940 *15300	*6940 *15300	*6080 *13400	4790 10560	*4660 *10270	3210 7080	*2150 *4740	*2150 *4740	7.05 (23.1)
0.0 m (0.0 ft)	kg lb			*7140 *15740	*7140 *15740	*6690 *14750	4650 10250	*4680 10320	3140 6920	*2450 *5400	*2450 *5400	6.82 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5530 *12190	*5530 *12190	*9910 *21850	8460 18650	*6620 *14590	4610 10160	4670 10300	3130 6900	*3060 *6750	3000 6610	6.22 (20.4)
-3.0 m (-9.8 ft)	kg lb			*8220 *18120	*8220 *18120	*5530 *12190	4680 10320			*4540 *10010	3960 8730	5.11 (16.8)

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.

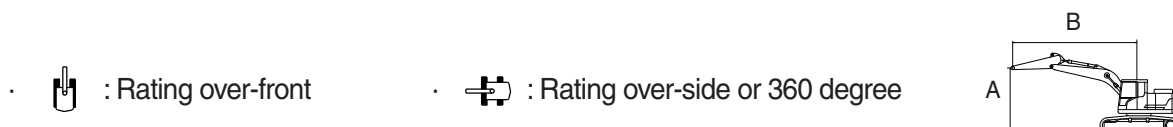
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HX140A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2400	900	-	-	-	-	-



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)
7.5 m (24.6 ft)	kg lb					*2690 *5930	*2690 *5930			*2330 *5140	*2330 *5140	4.70 (15.4)
6.0 m (19.7 ft)	kg lb							*2310 *5090	*2310 *5090	*2030 *4480	*2030 *4480	6.12 (20.1)
4.5 m (14.8 ft)	kg lb					*3550 *7830	*3550 *7830	*3360 *7410	*3360 *7410	*1950 *4300	*1950 *4300	6.93 (22.7)
3.0 m (9.8 ft)	kg lb			*6080 *13400	*6080 *13400	*4550 *10030	*4550 *10030	*3920 *8640	3340 7360	*1990 *4390	*1990 *4390	7.35 (24.1)
1.5 m (4.9 ft)	kg lb			*9020 *19890	8810 19420	*5710 *12590	4830 10650	*4440 *9790	3220 7100	*2140 *4720	*2140 *4720	7.44 (24.4)
0.0 m (0.0 ft)	kg lb			*8000 *17640	*8000 *17640	*6520 *14370	4650 10250	4670 10300	3130 6900	*2430 *5360	*2430 *5360	7.22 (23.7)
-1.5 m (-4.9 ft)	kg lb	*5170 *11400	*5170 *11400	*10210 *22510	8390 18500	*6690 *14750	4570 10080	4630 10210	3100 6830	*3010 *6640	2710 5970	6.65 (21.8)
-3.0 m (-9.8 ft)	kg lb	*8400 *18520	*8400 *18520	*8970 *19780	8480 18700	*6030 *13290	4600 10140			*4450 *9810	3410 7520	5.63 (18.5)
-4.5 m (-14.8 ft)	kg lb			*6970 *15370	*6970 *15370					*4530 *9990	*4530 *9990	4.29 (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.

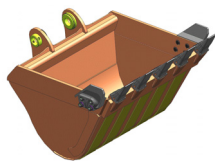
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.

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

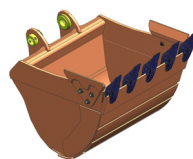
Make adjustments to the rated load as necessary for non-standard configurations.

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	With side cutter			4.6 m (15' 1") Boom		
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	mm (in)	kg (lb)	EA	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm	3.00 m (9' 10") Arm
General bucket	0.51 (0.67)	0.45 (0.59)	865 (34.1")	995 (39.2")	395 (870)	5	●	●	●
	0.59 (0.77)	0.51 (0.67)	955 (37.6")	1085 (42.7")	415 (910)	5	●	◐	◐
	0.64 (0.84)	0.55 (0.72)	1040 (40.9")	1170 (46.1")	440 (970)	5	●	◐	■
	0.67 (0.88)	0.60 (0.78)	1110 (43.7")	1140 (44.9")	550 (1210)	5	◐	■	■
	0.74 (0.97)	0.66 (0.86)	1210 (47.6")	1240 (48.8")	595 (1310)	6	■	▲	▲
Hammerless tooth bucket	0.50 (0.65)	0.45 (0.59)	760 (29.9")	800 (31.5")	440 (970)	4	●	●	●
	0.61 (0.80)	0.54 (0.71)	915 (36.0")	950 (37.4")	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

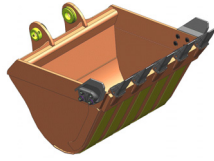
※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

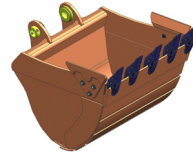
Select an optimum combination according to the working conditions and the type of work that is being done.

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	With side cutter			4.6 m (15' 1") Boom		
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	mm (in)	kg (lb)	EA	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm	3.00 m (9' 10") Arm
General bucket	0.51 (0.67)	0.45 (0.59)	865 (34.1")	995 (39.2")	395 (870)	5	●	●	●
	0.59 (0.77)	0.51 (0.67)	955 (37.6")	1085 (42.7")	415 (910)	5	●	●	●
	0.64 (0.84)	0.55 (0.72)	1040 (40.9")	1170 (46.1")	440 (970)	5	●	●	●
	0.67 (0.88)	0.60 (0.78)	1110 (43.7")	1140 (44.9")	550 (1210)	5	●	●	■
	0.74 (0.97)	0.66 (0.86)	1210 (47.6")	1240 (48.8")	595 (1310)	6	●	■	▲
Hammerless tooth bucket	0.50 (0.65)	0.45 (0.59)	760 (29.9")	800 (31.5")	440 (970)	4	●	●	●
	0.61 (0.80)	0.54 (0.71)	915 (36.0")	950 (37.4")	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

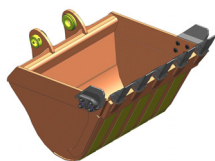
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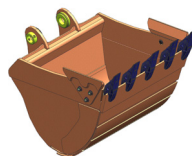
Select an optimum combination according to the working conditions and the type of work that is being done.

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	MONO BOOM	
	SAE Heaped	CECE heaped	Without side cutter	With side cutter			4.6 m (15' 1") Boom	
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	mm (in)	kg (lb)	EA	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm
General bucket	0.51 (0.67)	0.45 (0.59)	865 (34.1")	995 (39.2")	395 (870)	5	●	●
	0.59 (0.77)	0.51 (0.67)	955 (37.6")	1085 (42.7")	415 (910)	5	●	◐
	0.64 (0.84)	0.55 (0.72)	1040 (40.9")	1170 (46.1")	440 (970)	5	◐	■
	0.67 (0.88)	0.60 (0.78)	1110 (43.7")	1140 (44.9")	550 (1210)	5	■	■
	0.74 (0.97)	0.66 (0.86)	1210 (47.6")	1240 (48.8")	595 (1310)	6	■	▲
Hammerless tooth bucket	0.50 (0.65)	0.45 (0.59)	760 (29.9")	800 (31.5")	440 (970)	4	●	●
	0.61 (0.80)	0.54 (0.71)	915 (36.0")	950 (37.4")	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.

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 \times stroke	102 \times 115 mm (4.02" \times 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 \cdot m (406 lbf \cdot 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 \times 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 \times 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/cm² (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/cm² (256 psi)
	Full stroke	24 kgf/cm² (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	Ø 105 × 1080 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø 115 × 1108 mm
	Cushion	Extend and retract
Adjust boom cylinder (2-piece boom)	Bore dia × Stroke	Ø 105 × 975 mm
	Cushion	Extend only
Adjust cylinder (2-piece boom)	Bore dia × Stroke	Ø 145 × 613 mm
	Cushion	Extend and retract
Arm cylinder (2-piece boom)	Bore dia × Stroke	Ø 115 × 1138 mm
	Cushion	Extend and retract only
Bucket cylinder	Bore dia × Stroke	Ø 100 × 900 mm
	Cushion	Extend only
Dozer cylinder	Bore dia × Stroke	Ø 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)	30 (86)
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.