

# SECTION 1 GENERAL

Group 1 Safety Hints .....	1-1
Group 2 Specifications .....	1-10

# SECTION 1 GENERAL

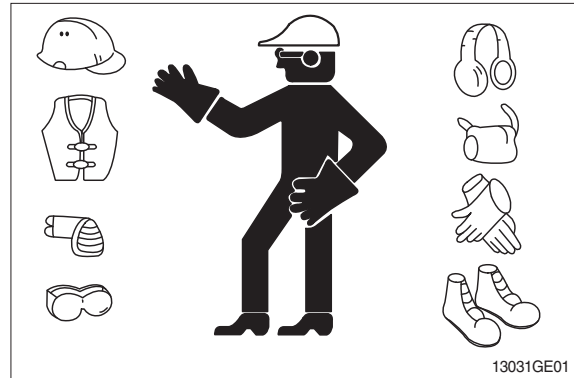
## GROUP 1 SAFETY

### FOLLOW SAFE PROCEDURE

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

### WEAR PROTECTIVE CLOTHING

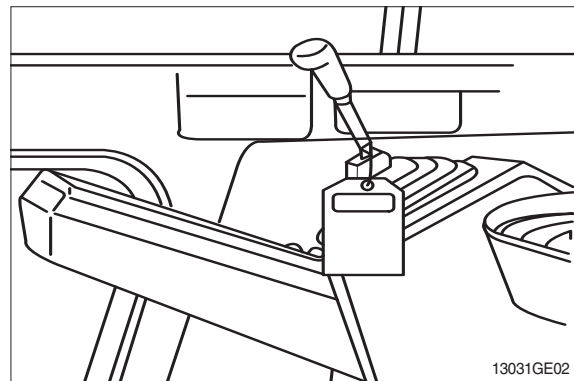
Wear close fitting clothing and safety equipment appropriate to the job.



### WARN OTHERS OF SERVICE WORK

Unexpected machine movement can cause serious injury.

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



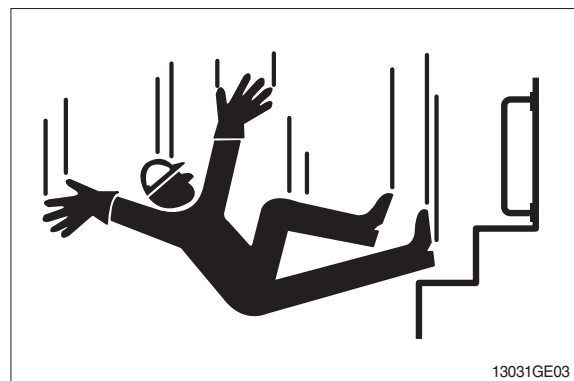
### USE HANDHOLDS AND STEPS

Falling is one of the major causes of personal injury.

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

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

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

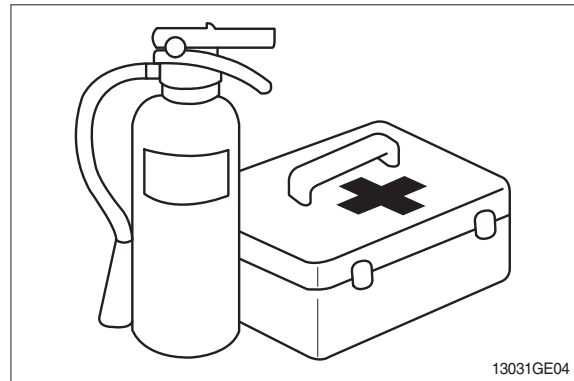


## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

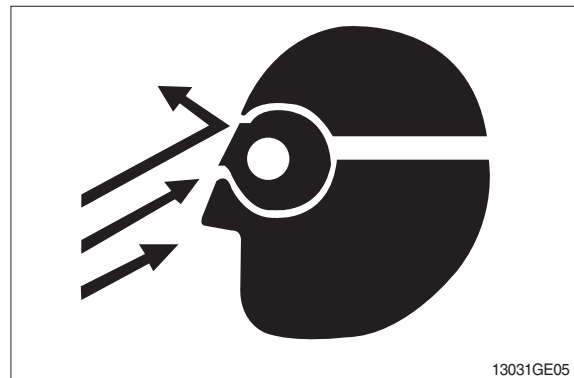
Keep a first aid kit and fire extinguisher handy.

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



## PROTECT AGAINST FLYING DEBRIS

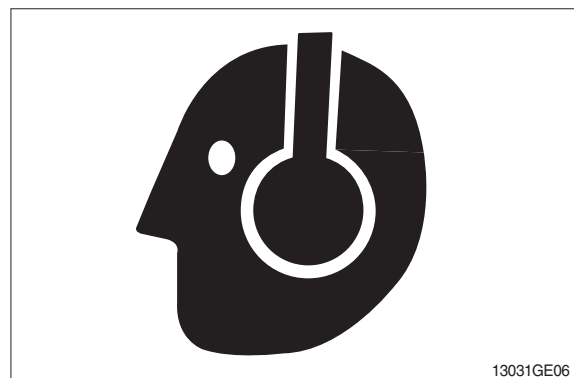
Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



## PROTECT AGAINST NOISE

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

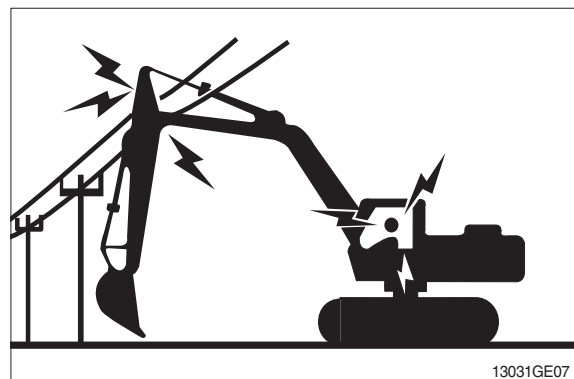
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



## AVOID POWER LINES

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

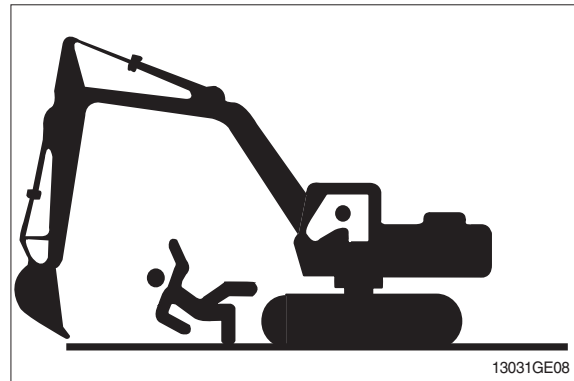
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



## KEEP RIDERS OFF EXCAVATOR

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

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

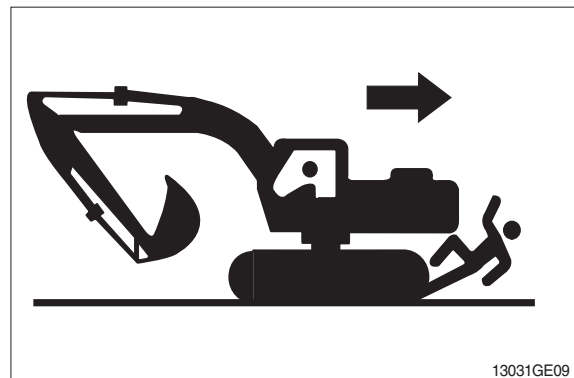


## MOVE AND OPERATE MACHINE SAFELY

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

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

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



## OPERATE ONLY FROM OPERATOR'S SEAT

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

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



## PARK MACHINE SAFELY

Before working on the machine:

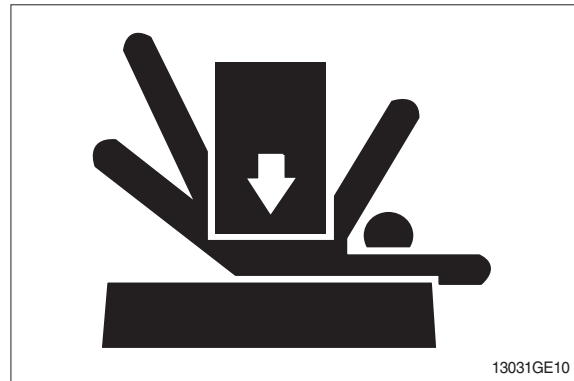
- Park machine on a level surface.
- Lower bucket to the ground.
- Turn auto idle switch off.
- Run engine at 1/2 speed without load for 2 minutes.
- Turn key switch to OFF to stop engine. Remove key from switch.
- Move pilot control shutoff lever to locked position.
- Allow engine to cool.

## SUPPORT MACHINE PROPERLY

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

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

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



## SERVICE COOLING SYSTEM SAFELY

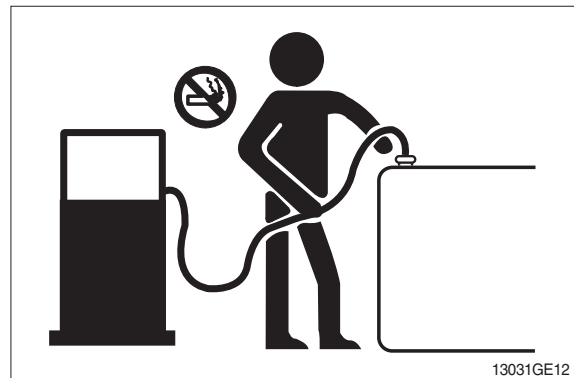
Explosive release of fluids from pressurized cooling system can cause serious burns.

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



## HANDLE FLUIDS SAFELY-AVOID FIRES

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



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

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

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



## BEWARE OF EXHAUST FUMES

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

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

## REMOVE PAINT BEFORE WELDING OR HEATING

Avoid potentially toxic fumes and dust.

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

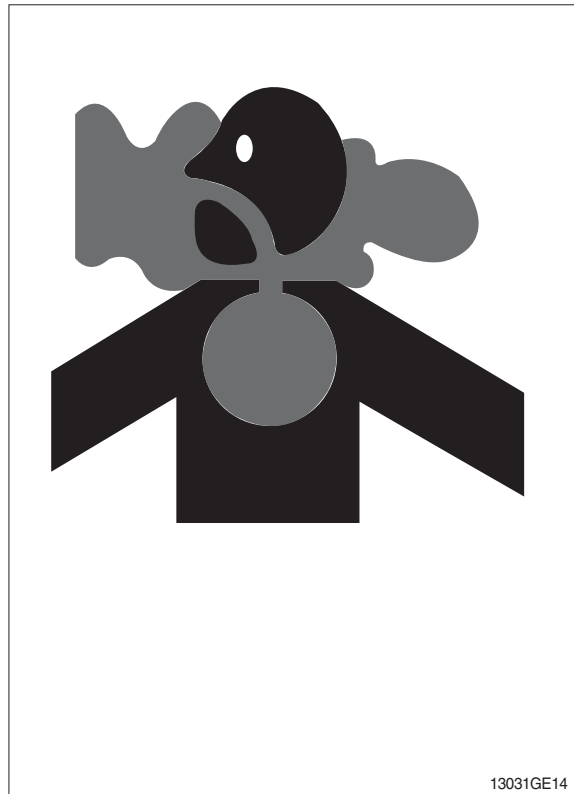
Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

Remove paint before welding or heating:

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

## ILLUMINATE WORK AREA SAFELY

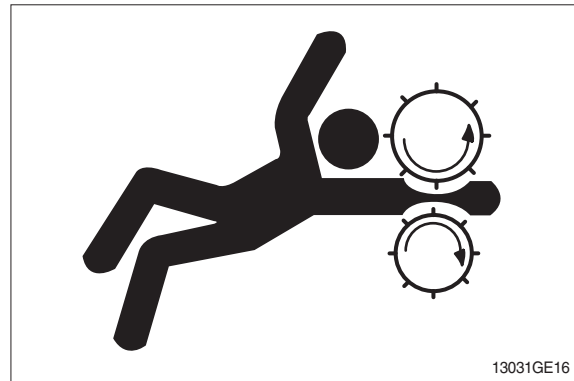
Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.



## SERVICE MACHINE SAFELY

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

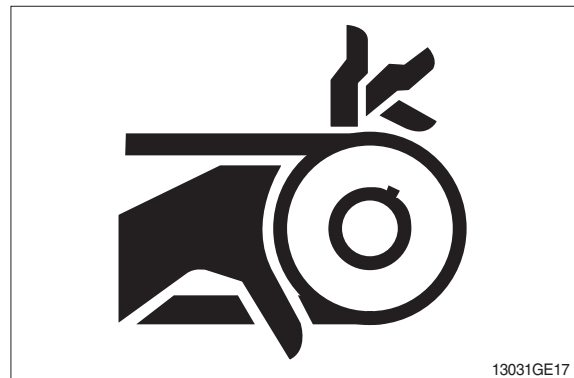
Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



## STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

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



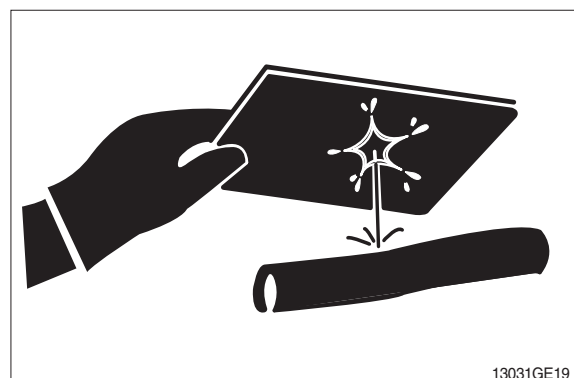
## AVOID HIGH PRESSURE FLUIDS

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

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

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

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



## **AVOID HEATING NEAR PRESSURIZED FLUID LINES**

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

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



## **PREVENT BATTERY EXPLOSIONS**

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

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

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





## PREVENT ACID BURNS

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

Avoid the hazard by:

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

If you spill acid on yourself:

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

If acid is swallowed:

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

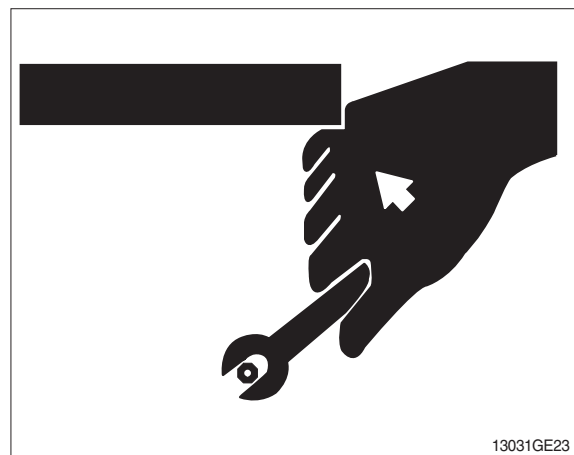
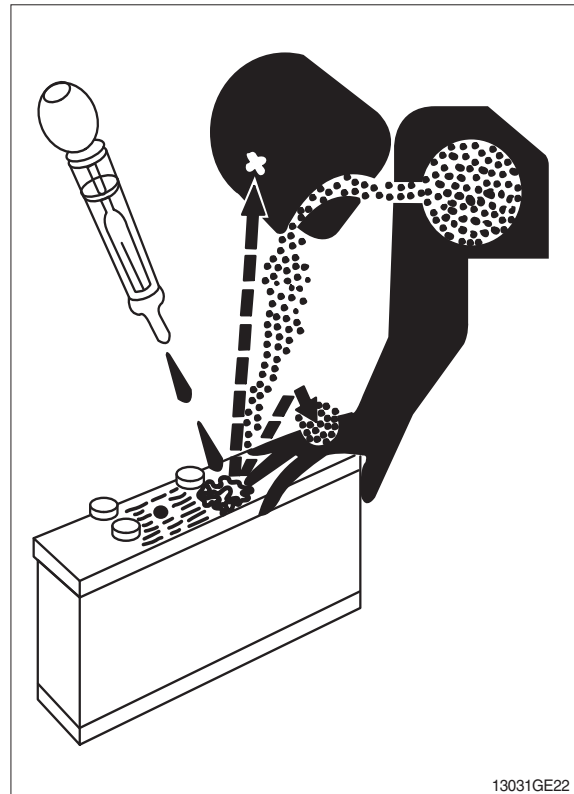
## USE TOOLS PROPERLY

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

Use power tools only to loosen threaded tools and fasteners.

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

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

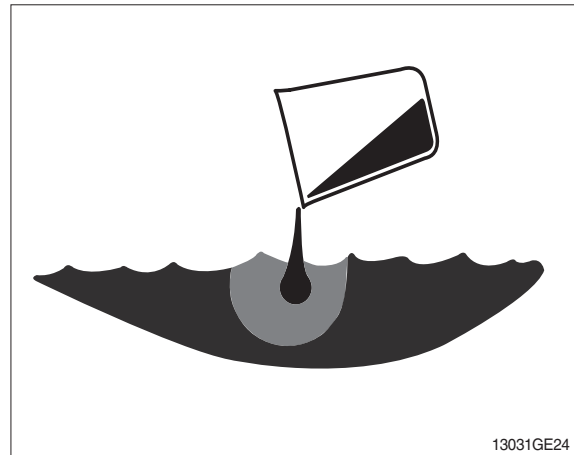


## DISPOSE OF FLUIDS PROPERLY

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

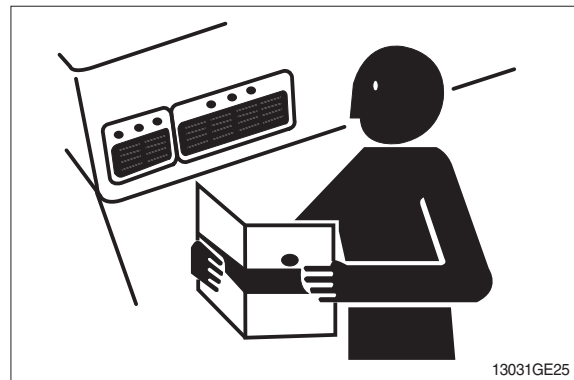
Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

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



## REPLACE SAFETY SIGNS

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

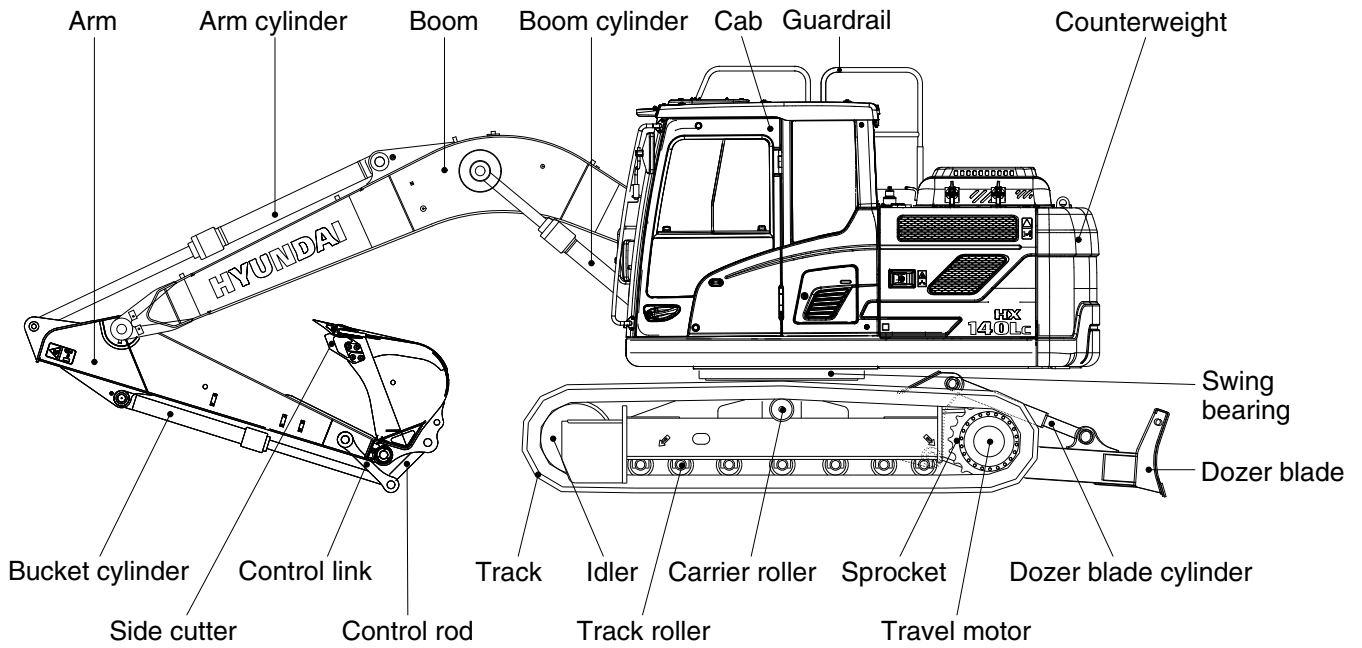
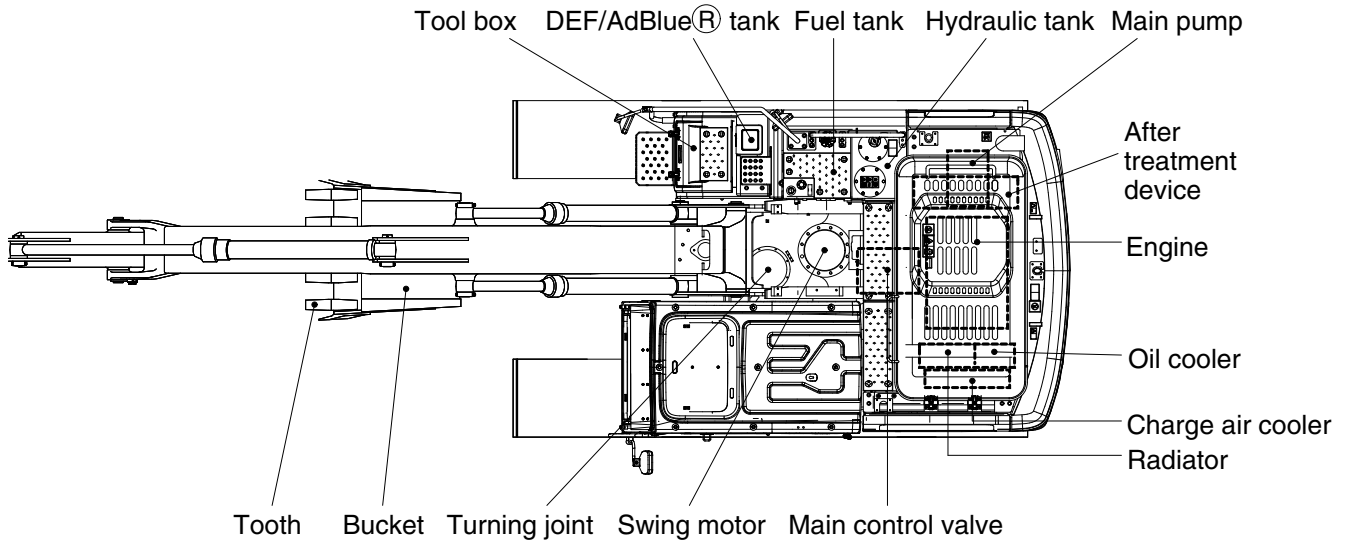


## LIVE WITH SAFETY

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

# GROUP 2 SPECIFICATIONS

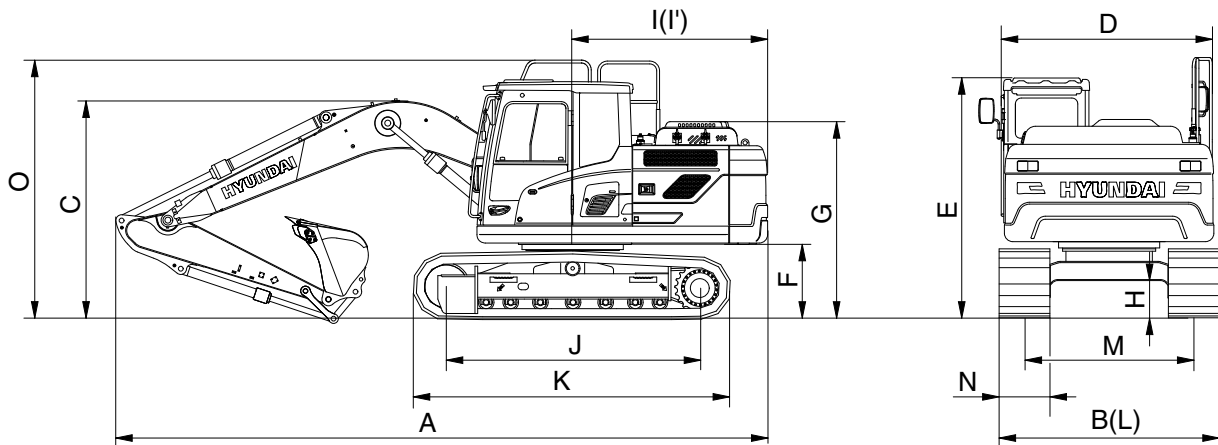
## 1. MAJOR COMPONENT



140LC2SP01

## 2. SPECIFICATIONS

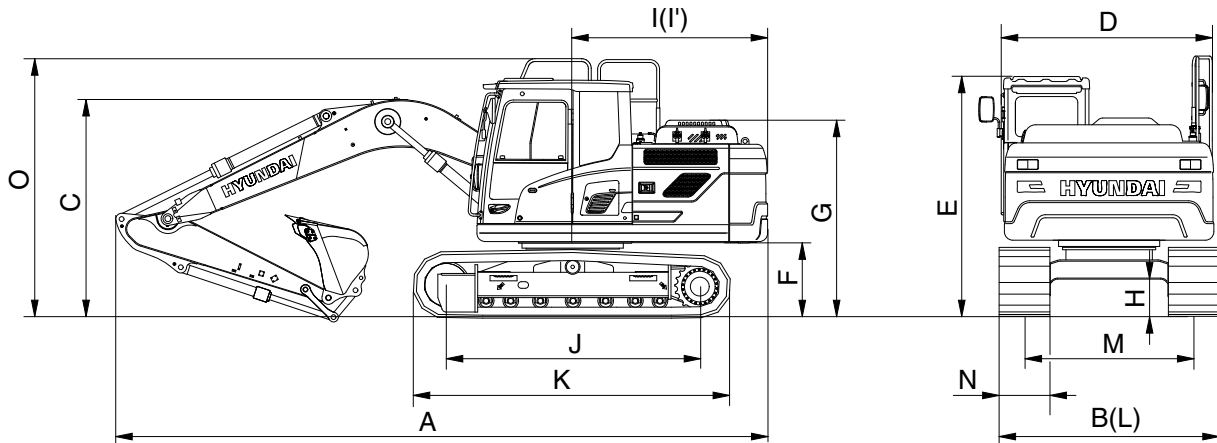
### 1) HX140 LC, 4.60 m (15' 1") MONO BOOM



140LC2SP02

Description	Unit		Specification			
	m	Boom	4.6			
		Arm	1.9	2.1	2.5	3.0
mm	Shoe	600				
Operating weight	kg (lb)	13955 (30765)	13990 (30843)	14050 (30975)	14090 (31063)	
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )	0.58 (0.76)	0.58 (0.76)	0.58 (0.76)	0.58 (0.76)	
Overall length	A	7830 (25' 7")	7855 (25' 8")	7830 (25' 7")	7795 (25' 6")	
Overall width, with 600 mm shoe	B	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	
Overall height of boom	C	2580 (8' 5")	2710 (8' 9")	2680 (8' 8")	3010 (9' 9")	
Superstructure width	D	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	
Overall height of cab	E	2860 (8' 7")	2860 (8' 7")	2860 (8' 7")	2860 (8' 7")	
Ground clearance of counterweight	F	940 (3' 1")	940 (3' 1")	940 (3' 1")	940 (3' 1")	
Engine cover height	G	2390 (7' 10")	2390 (7' 10")	2390 (7' 10")	2390 (7' 10")	
Minimum ground clearance	H	440 (1' 5")	440 (1' 5")	440 (1' 5")	440 (1' 5")	
Rear-end distance	I	2330 (7' 8")	2330 (7' 8")	2330 (7' 8")	2330 (7' 8")	
Rear-end swing radius	I'	2330 (7' 8")	2330 (7' 8")	2330 (7' 8")	2330 (7' 8")	
Distance between tumblers	J	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	
Undercarriage length	K	3708 (12' 1")	3708 (12' 1")	3708 (12' 1")	3706 (12' 1")	
Undercarriage width	L	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	
Track gauge	M	2000 (6' 7")	2000 (6' 7")	2000 (6' 7")	2000 (6' 7")	
Track shoe width, standard	N	600 (24")	600 (24")	600 (24")	600 (24")	
Overall height of guardrail	O	3100 (10' 2")	3100 (10' 2")	3100 (10' 2")	3100 (10' 2")	
Travel speed (low/high)	km/hr (mph)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	
Swing speed	rpm	11.4	11.4	11.4	11.4	
Gradeability	Degree (%)	35 (70)	35 (70)	35 (70)	35 (70)	
Ground pressure (600 mm shoe)	kgf/cm <sup>2</sup> (psi)	0.36 (5.13)	0.36 (5.13)	0.36 (5.13)	0.36 (5.13)	
Max traction force	kgf (lbf)	12660 (27910)	12660 (27910)	12660 (27910)	12660 (27910)	

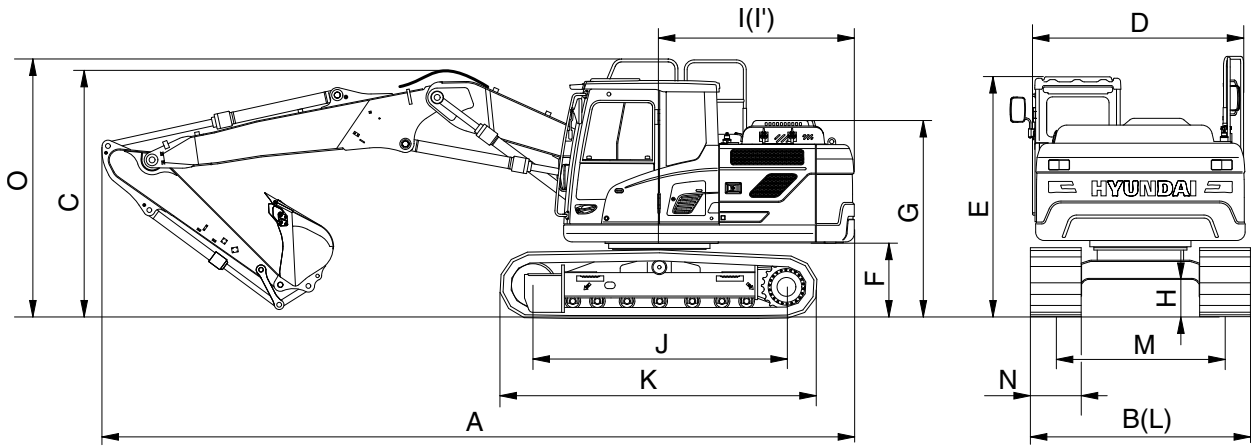
## 2) HX140 LC, 4.10 m (13' 5") MONO BOOM



140LC2SP02

Description	Unit				
	m	Boom	4.1		
		Arm	1.9	2.1	
	mm	Shoe	600		
Operating weight	kg (lb)		13900 (30644)	13935 (30721)	
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )		0.58 (0.76)	0.58 (0.76)	
Overall length	A	mm (ft-in)	7325 (24' 1")	7350 (24' 2")	
Overall width, with 600 mm shoe	B		2600 (8' 6")	2600 (8' 6")	
Overall height of boom	C		2660 (8' 7")	2830 (9' 3")	
Superstructure width	D		2475 (8' 1")	2475 (8' 1")	
Overall height of cab	E		2860 (9' 4")	2860 (9' 4")	
Ground clearance of counterweight	F		940 (3' 1")	940 (3' 1")	
Engine cover height	G		2390 (7' 10")	2390 (7' 10")	
Minimum ground clearance	H		440 (1' 5")	440 (1' 5")	
Rear-end distance	I		2330 (7' 8")	2330 (7' 8")	
Rear-end swing radius	I'		2330 (7' 8")	2330 (7' 8")	
Distance between tumblers	J		3000 (9' 10")	3000 (9' 10")	
Undercarriage length	K		3708 (12' 1")	3708 (12' 1")	
Undercarriage width	L		2600 (8' 6")	2600 (8' 6")	
Track gauge	M		2000 (6' 7")	2000 (6' 7")	
Track shoe width, standard	N		600 (24")	600 (24")	
Overall height of guardrail	O		3100 (10' 2")	3100 (10' 2")	
Travel speed (low/high)	km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	
Swing speed	rpm		11.4	11.4	
Gradeability	Degree (%)		35 (70)	35 (70)	
Ground pressure (600 mm shoe)	kgf/cm <sup>2</sup> (psi)		0.36 (5.13)	0.36 (5.13)	
Max traction force	kgf (lbf)		12660 (27910)	12660 (27910)	

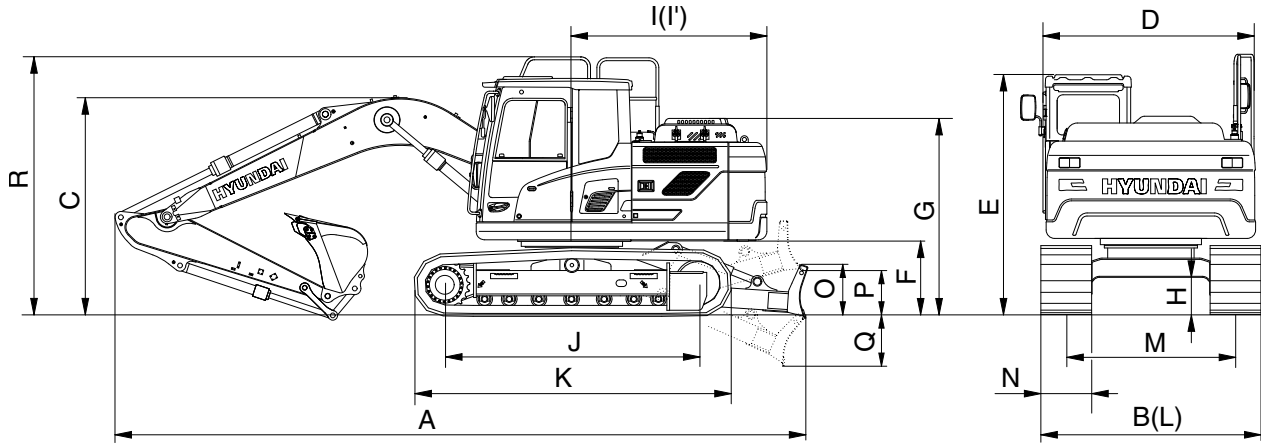
### 3) HX140 LC, 4.90 m (16' 1") 2-PIECE BOOM



140LC2SP03

Description	Unit		Specification		
	m	Boom	4.9		
		Arm	1.9	2.1	2.5
mm	Shoe	600			
Operating weight	kg (lb)		14660 (32320)	14700 (32408)	14760 (32540)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )		0.58 (0.76)	0.58 (0.76)	0.58 (0.76)
Overall length	A	mm (ft-in)	8170 (26' 8")	8175 (26' 8")	8155 (26' 8")
Overall width, with 600 mm shoe	B		2600 (8' 6")	2600 (8' 6")	2600 (8' 6")
Overall height of boom	C		2670 (8' 8")	2670 (8' 8")	2700 (8' 9")
Superstructure width	D		2475 (8' 1")	2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2860 (9' 4")	2860 (9' 4")	2860 (9' 4")
Ground clearance of counterweight	F		940 (3' 1")	940 (3' 1")	940 (3' 1")
Engine cover height	G		2390 (7' 10")	2390 (7' 10")	2390 (7' 10")
Minimum ground clearance	H		440 (1' 5")	440 (1' 5")	440 (1' 5")
Rear-end distance	I		2330 (7' 8")	2330 (7' 8")	2330 (7' 8")
Rear-end swing radius	I'		2330 (7' 8")	2330 (7' 8")	2330 (7' 8")
Distance between tumbler	J		3000 (9' 10")	3000 (9' 10")	3000 (9' 10")
Undercarriage length	K		3750 (12' 3")	3750 (12' 3")	3750 (12' 3")
Undercarriage width	L		2600 (8' 6")	2600 (8' 6")	2600 (8' 6")
Track gauge	M		2000 (6' 7")	2000 (6' 7")	2000 (6' 7")
Track shoe width, standard	N		600 (24")	600 (24")	600 (24")
Overall height of guardrail	O		3100 (10' 2")	3100 (10' 2")	3100 (10' 2")
Travel speed (low/high)	km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)
Swing speed	rpm		11.4	11.4	11.4
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)
Ground pressure (600 mm shoe)	kgf/cm <sup>2</sup> (psi)		0.38 (5.37)	0.38 (5.37)	0.38 (5.37)
Max traction force	kgf (lbf)		12660 (27910)	12660 (27910)	12660 (27910)

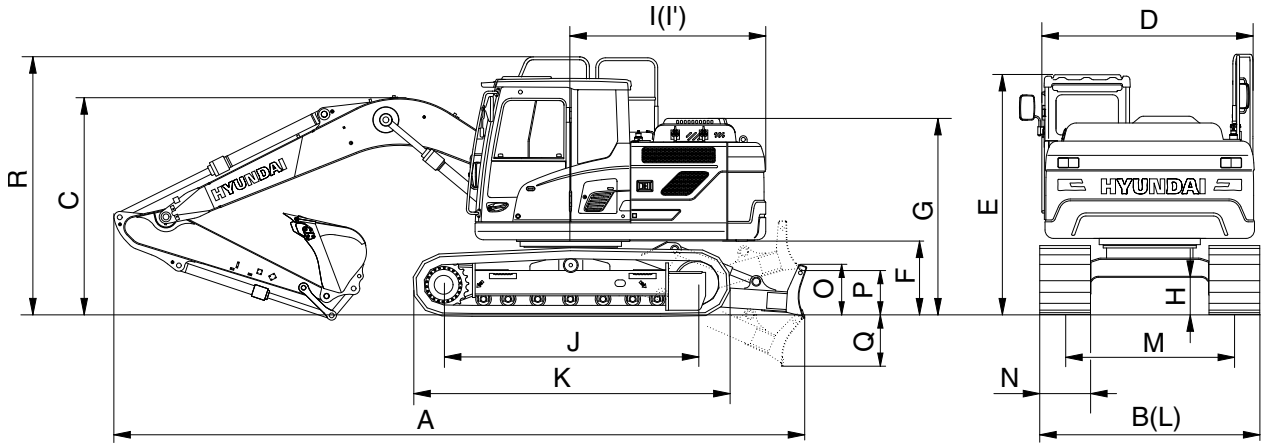
#### 4) HX140 LC, 4.60 m (15' 1") MONO BOOM AND DOZER BLADE



140LC2SP04

Description	Unit		Specification			
	m	Boom	4.6			
		Arm	1.9	2.1	2.5	3.0
mm	Shoe	600				
Operating weight	kg (lb)		14770 (32562)	14810(32650)	14870(32783)	14910(32871)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )		0.58 (0.76)	0.58 (0.76)	0.58 (0.76)	0.58 (0.76)
Overall length	A	mm (ft-in)	8360 (27' 5")	8390 (25' 8")	8360 (25' 8")	8330 (25' 8")
Overall width, with 600 mm shoe	B		2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")
Overall height of boom	C		2590 (8' 5")	2710 (9' 1")	2690 (9' 1")	3010 (9' 1")
Superstructure width	D		2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2860 (9' 4")	2860 (9' 4")	2860 (9' 4")	2860 (9' 4")
Ground clearance of counterweight	F		940 (3' 1")	940 (3' 1")	940 (3' 1")	940 (3' 1")
Engine cover height	G		2390 (7' 10")	2390 (7' 10")	2390 (7' 10")	2390 (7' 10")
Minimum ground clearance	H		440 (1' 5")	440 (1' 5")	440 (1' 5")	440 (1' 5")
Rear-end distance	I		2330 (7' 8")	2330 (7' 8")	2330 (7' 8")	2330 (7' 8")
Rear-end swing radius	I'		2330 (7' 8")	2330 (7' 8")	2330 (7' 8")	2330 (7' 8")
Distance between tumblers	J		3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")
Undercarriage length	K		3708 (12' 1")	3708 (12' 1")	3708 (12' 1")	3708 (12' 1")
Undercarriage width	L		2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")
Track gauge	M		2000 (6' 7")	2000 (6' 7")	2000 (6' 7")	2000 (6' 7")
Track shoe width, standard	N		600 (24")	600 (24")	600 (24")	600 (24")
Height of blade	O		575 (1' 9")	575 (1' 9")	575 (1' 9")	575 (1' 9")
Ground clearance of blade up	P		560 (1' 8")	560 (1' 8")	560 (1' 8")	560 (1' 8")
Depth of blade down	Q		500 (1' 7")	500 (1' 7")	500 (1' 7")	500 (1' 7")
Overall height of guardrail	R		3100 (10' 2")	3100 (10' 2")	3100 (10' 2")	3100 (10' 2")
Travel speed (low/high)	km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)
Swing speed	rpm		11.4	11.4	11.4	11.4
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure (600 mm shoe)	kgf/cm <sup>2</sup> (psi)		0.38 (5.43)	0.38 (5.43)	0.38 (5.43)	0.38 (5.43)
Max traction force	kgf (lbf)		12660 (27910)	12660 (27910)	12660 (27910)	12660 (27910)

### 5) HX140 LC, 4.10 m (13' 5") MONO BOOM AND DOZER BLADE

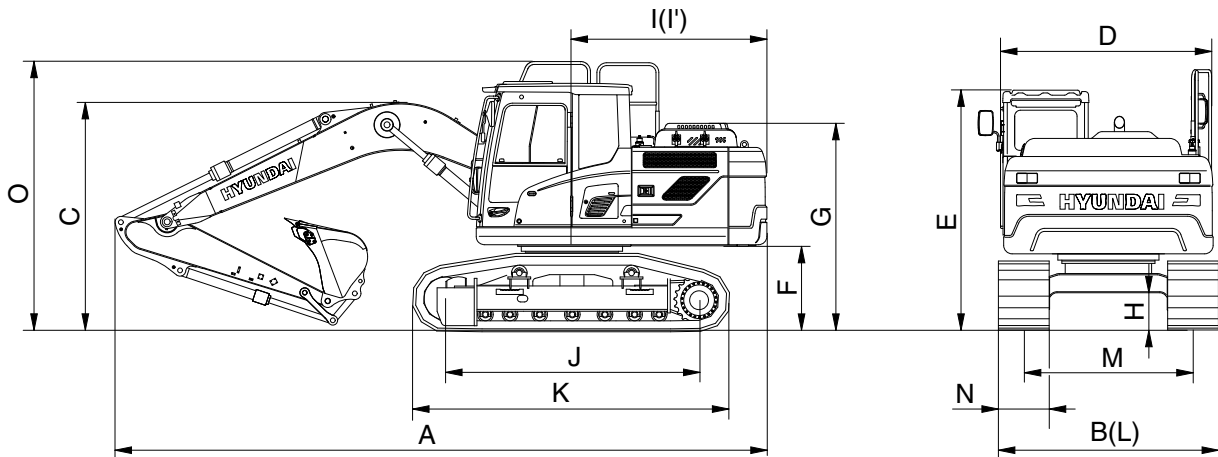


140LC2SP04

Description	Unit			
	m	Boom	4.1	
		Arm	1.9	2.1
	mm	Shoe	600	
Operating weight		kg (lb)	14720(32452)	14760(32540)
Bucket capacity (SAE heaped), standard		m <sup>3</sup> (yd <sup>3</sup> )	0.58 (0.76)	0.58 (0.76)
Overall length	A	mm (ft-in)	7860 (25' 8")	7920 (25' 8")
Overall width, with 600 mm shoe	B		2600 (8' 6")	2600 (8' 6")
Overall height of boom	C		2660 (8' 7")	2830 (9' 3")
Superstructure width	D		2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2860 (9' 4")	2860 (9' 4")
Ground clearance of counterweight	F		940 (3' 1")	940 (3' 1")
Engine cover height	G		2390 (7' 10")	2390 (7' 10")
Minimum ground clearance	H		440 (1' 5")	440 (1' 5")
Rear-end distance	I		2330 (7' 8")	2330 (7' 8")
Rear-end swing radius	I'		2330 (7' 8")	2330 (7' 8")
Distance between tumblers	J		3000 (9' 10")	3000 (9' 10")
Undercarriage length	K		3708 (12' 1")	3708 (12' 1")
Undercarriage width	L		2600 (8' 6")	2600 (8' 6")
Track gauge	M		2000 (6' 7")	2000 (6' 7")
Track shoe width, standard	N		600 (24")	600 (24")
Height of blade	O		575 (1' 9")	575 (1' 9")
Ground clearance of blade up	P		560 (1' 8")	560 (1' 8")
Depth of blade down	Q		500 (1' 7")	500 (1' 7")
Overall height of guardrail	R		3100 (10' 2")	3100 (10' 2")
Travel speed (low/high)			km/hr (mph)	3.3/5.6 (2.1/3.5)
Swing speed		rpm	11.4	11.4
Gradeability		Degree (%)	35 (70)	35 (70)
Ground pressure (600 mm shoe)		kgf/cm <sup>2</sup> (psi)	0.38 (5.43)	0.38 (5.43)
Max traction force		kgf (lbf)	12660(27910)	12660(27910)



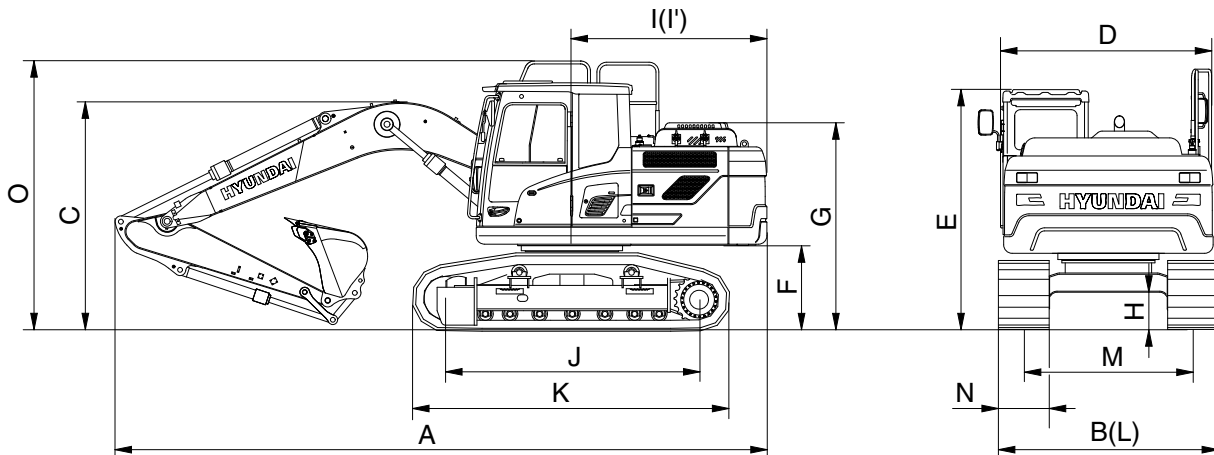
## 6) HX140 LC, 4.60 m (15' 1") HIGH WALKER



140LC2SP05

Description	Unit		Specification			
	m	Boom	<b>4.6</b>			
		Arm	<b>1.9</b>	<b>2.1</b>	<b>2.5</b>	<b>3.0</b>
mm	Shoe	<b>800</b>				
Operating weight	kg (lb)		16850 (37148)	16890 (37236)	16950 (37369)	16990 (37457)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )		0.58 (0.76)	0.58 (0.76)	0.58 (0.76)	0.58 (0.76)
Overall length	A	mm (ft-in)	7775 (25' 6")	7830 (25' 7")	7775 (25' 6")	7840 (25' 7")
Overall width, with 800 mm shoe	B		2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")
Overall height of boom	C		2680 (8' 8")	2800 (9' 2")	2740 (9' 0")	3005 (9' 9")
Superstructure width	D		2475 (8' 1")	2475 (8' 1")	2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		3220 (10' 6")	3220 (10' 2")	3220 (10' 2")	3220 (10' 2")
Ground clearance of counterweight	F		1200 (3' 10")	1200 (3' 11")	1200 (3' 11")	1200 (3' 11")
Engine cover height	G		2630 (8' 7")	2390 (8' 8")	2390 (8' 8")	2390 (8' 8")
Minimum ground clearance	H		600 (2' 0")	600 (2' 0")	600 (2' 0")	600 (2' 0")
Rear-end distance	I		2330 (7' 8")	2330 (7' 8")	2330 (7' 8")	2330 (7' 8")
Rear-end swing radius	I'		2330 (7' 8")	2330 (7' 8")	2330 (7' 8")	2330 (7' 8")
Distance between tumblers	J		3030 (9' 9")	3030 (9' 9")	3030 (9' 9")	3030 (9' 9")
Undercarriage length	K		3740 (12' 3")	3740 (12' 8")	3740 (12' 8")	3740 (12' 8")
Undercarriage width	L		2800 (9' 2")	2800 (9' 4")	2800 (9' 4")	2800 (9' 4")
Track gauge	M		2040 (6' 8")	2040 (6' 8")	2040 (6' 8")	2040 (6' 8")
Track shoe width, standard	N		800 (32")	800 (32")	800 (32")	800 (32")
Overall height of guardrail	O		3100 (10' 2")	3100 (10' 2")	3100 (10' 2")	3100 (10' 2")
Travel speed (low/high)	km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)
Swing speed	rpm		11.4	11.4	11.4	11.4
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure (800 mm shoe)	kgf/cm <sup>2</sup> (psi)		0.32 (4.58)	0.32 (4.58)	0.32 (4.58)	0.32 (4.58)
Max traction force	kgf (lbf)		12660 (27910)	12660 (27910)	12660 (27910)	12660 (27910)

## 7) HX140 LC, 4.10 m (13' 5") HIGH WALKER



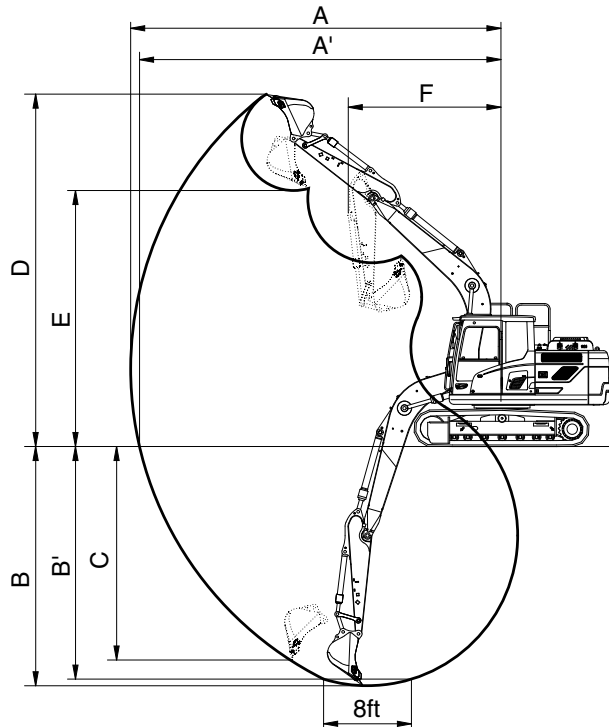
140LC2SP05

Description		Unit					
		m	Boom	4.1			
			Arm	1.9	2.1		
mm	Shoe	800					
Operating weight		kg (lb)		16800 (37038)	16840 (37126)		
Bucket capacity (SAE heaped), standard		m <sup>3</sup> (yd <sup>3</sup> )		0.58 (0.76)	0.58 (0.76)		
Overall length	A	mm (ft-in)		7245 (24' 8")	7320 (24' 0")		
Overall width, with 800 mm shoe	B			2840 (9' 4")	2840 (9' 4")		
Overall height of boom	C			2640 (8' 7")	2825 (9' 3")		
Superstructure width	D			2475 (8' 1")	2475 (8' 1")		
Overall height of cab	E			3220 (10' 6")	3220 (10' 6")		
Ground clearance of counterweight	F			1200 (3' 1")	1200 (3' 1")		
Engine cover height	G			2390 (8' 8")	2390 (8' 8")		
Minimum ground clearance	H			600 (2' 0")	600 (2' 0")		
Rear-end distance	I			2330 (7' 8")	2330 (7' 8")		
Rear-end swing radius	I'			2330 (7' 8")	2330 (7' 8")		
Distance between tumblers	J			3030 (9' 9")	3030 (9' 9")		
Undercarriage length	K			3740 (12' 3")	3740 (12' 3")		
Undercarriage width	L			2800 (9' 2")	2800 (9' 2")		
Track gauge	M			2040 (6' 8")	2040 (6' 8")		
Track shoe width, standard	N			800 (32")	800 (32")		
Overall height of guardrail	O			3100 (10' 2")	3100 (10' 2")		
Travel speed (low/high)				km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)
Swing speed				rpm		11.4	11.4
Gradeability				Degree (%)		35 (70)	35 (70)
Ground pressure (800 mm shoe)		kgf/cm <sup>2</sup> (psi)		0.32 (4.58)	0.32 (4.58)		
Max traction force		kgf (lbf)		12660 (27910)	12660 (27910)		

### 3. WORKING RANGE

#### 1) HX140 LC

#### (1) 4.60 m (15' 1") MONO BOOM

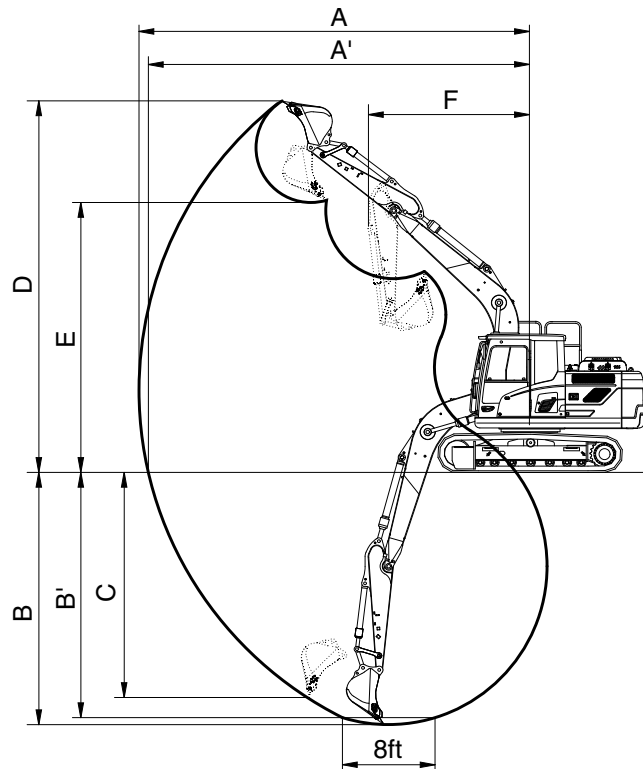


140LC2SP06

Description		1.90 m (6' 3") Arm	2.10 m (6' 11") Arm	※2.50 m (8' 2") Arm	3.00 m (9' 10") Arm
Max digging reach	A	7750 mm (25' 5")	7920 mm (25'11")	8320 mm (27' 4")	8780 mm (28'10")
Max digging reach on ground	A'	7590 mm (24'11")	7760 mm (25' 6")	8175 mm (26'10")	8640 mm (28' 4")
Max digging depth	B	4920 mm (16' 2")	5120 mm (16' 10")	5520 mm (18' 3")	6020 mm (19' 10")
Max digging depth (8ft level)	B'	4655 mm (15' 4")	4870 mm (16' 1")	5310 mm (17' 6")	5840 mm (19' 3")
Max vertical wall digging depth	C	4470 mm (15' 3")	4665mm (16' 1")	5065 mm (17' 6")	5570 mm (19' 2")
Max digging height	D	8130 mm (26' 7")	8195 mm (26' 10")	8525 mm (27'11")	8800 mm (28' 10")
Max dumping height	E	5690 mm (18' 7")	5770 mm (18' 10")	6075 mm (19'11")	6340 mm (20' 9")
Min swing radius	F	2630 mm ( 8' 8")	2675 mm ( 8' 9")	2650 mm ( 8' 8")	2680 mm ( 8' 10")
Bucket digging force	SAE	87.9 [95.4] kN	87.9 [95.4] kN	87.9 [95.4] kN	87.9 [95.4] kN
		8960 [9730] kN	8960 [9730] kN	8960 [9730] kN	8960 [9730] kN
		19750 [21450] kN	19750 [21450] kN	19750 [21450] kN	19750 [21450] kN
	ISO	103 [111.8] kN	103 [111.8] kN	103 [111.8] kN	103 [111.8] kN
		10490 [11390] kN	10490 [11390] kN	10490 [11390] kN	10490 [11390] kN
		23130 [25120] kN	23130 [25120] kN	23130 [25120] kN	23130 [25120] kN
Arm crowd force	SAE	76.7 [83.2] kN	73.6 [79.9] kN	62.7 [68.1] kN	56.1 [60.9] kN
		7820 [8490] kgf	7510 [8150] kgf	6400 [6940] kgf	5710 [6200] kgf
		17230 [18710] lbf	16550 [17970] lbf	14100 [15310] lbf	12600 [13680] lbf
	ISO	80.6 [87.5] kN	77.1 [83.8] kN	64.4 [71.0] kN	58.2 [63.1] kN
		8210 [8920] kgf	7860 [8540] kgf	6700 [7240] kgf	5930 [6440] kgf
		18110 [19660] lbf	17430 [18820] lbf	14700 [15960] lbf	13070 [14190] lbf

※ : STD [ ] : Power boost

(2) 4.10 m (13' 5") MONO BOOM

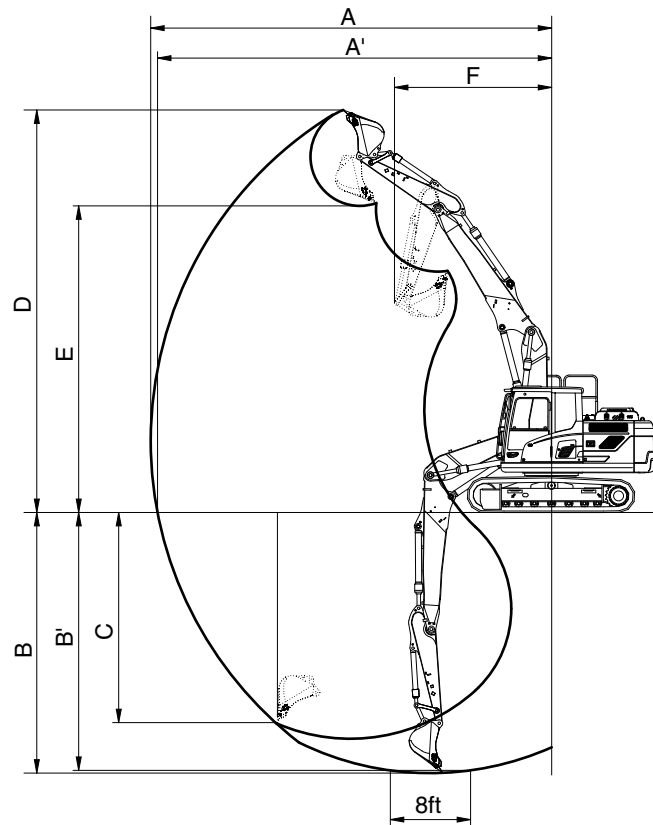


140LC2SP06

Description		1.90 m (6' 3") Arm	2.10 m (6' 11") Arm
Max digging reach	A	7250 mm (23' 10")	7420 mm (24' 4")
Max digging reach on ground	A'	7080 mm (23' 3")	7250 mm (23'10")
Max digging depth	B	4505 mm (14' 11")	4705 mm (15' 7")
Max digging depth (8ft level)	B'	4240 mm (14' 1")	4460 mm (14' 9")
Max vertical wall digging depth	C	4055 mm (13' 11")	4250 mm (14' 3")
Max digging height	D	7730 mm (25' 3")	7790 mm (25' 6")
Max dumping height	E	5280 mm (17' 3")	5360 mm (17' 6")
Min swing radius	F	2350 mm ( 7' 9")	2460 mm ( 8' 1")
Bucket digging force	SAE	87.9 [95.4] kN	87.9 [95.4] kN
		8960 [9730] kN	8960 [9730] kN
		19750 [21450] kN	19750 [21450] kN
	ISO	103 [111.8] kN	103 [111.8] kN
		10490 [11390] kN	10490 [11390] kN
		23130 [25120] kN	23130 [25120] kN
Arm crowd force	SAE	76.7 [83.2] kN	73.6 [79.9] kN
		7820 [8490] kgf	7510 [8150] kgf
		17230 [18710] lbf	16550 [17970] lbf
	ISO	80.6 [87.5] kN	77.1 [83.8] kN
		8210 [8920] kgf	7860 [8540] kgf
		18110 [19660] lbf	17430 [18820] lbf

[ ] : Power boost

### (3) 4.90 m (16' 1") ADJUST BOOM



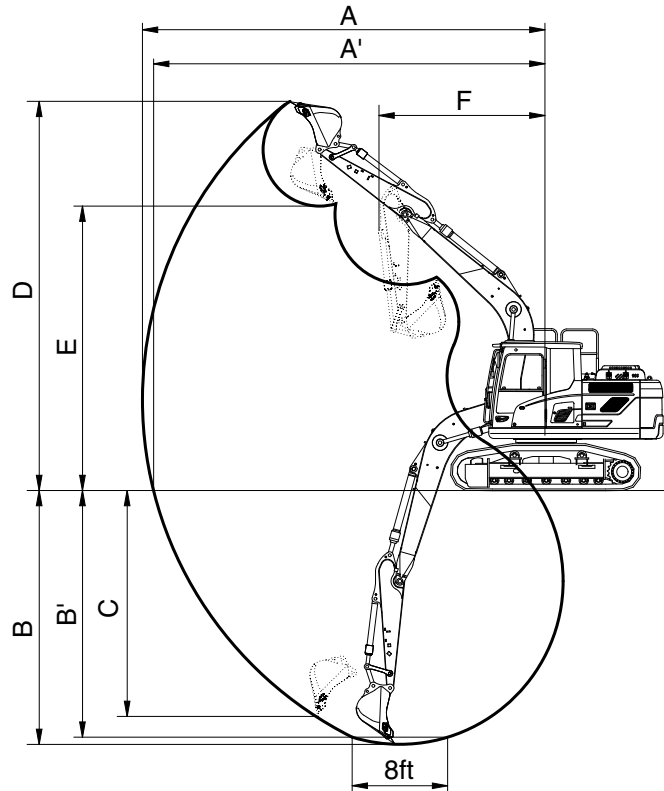
140LC2SP08

Description		1.90 m (6' 3") Arm	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm
Max digging reach	A	8140 mm (26' 8")	8320 mm (27' 4")	8730 mm (28' 7")
Max digging reach on ground	A'	7990 mm (26' 3")	8170 mm (26'10")	8585 mm (28' 2")
Max digging depth	B	5080 mm (16' 9")	5380 mm (17' 5")	5680 mm (18' 9")
Max digging depth (8ft level)	B'	4960 mm (16' 5")	5165 mm (17' 0")	5575 mm (18' 5")
Max vertical wall digging depth	C	4450 mm (14' 9")	4610 mm (15' 3")	5070 mm (16' 10")
Max digging height	D	8850 mm (28' 11")	8860 mm (29' 2")	9310 mm (30' 5")
Max dumping height	E	6370 mm (20' 9")	6490 mm (21' 0")	6820 mm (22' 3")
Min swing radius	F	2660 mm ( 8' 9")	2820 mm ( 9' 3")	2690 mm ( 8' 10")
Bucket digging force	SAE	87.3 [94.8] kN	87.3 [94.8] kN	87.3 [94.8] kN
		8960 [9660] kgf	8960 [9660] kgf	8960 [9660] kgf
		19620 [21300] lbf	19620 [21300] lbf	19620 [21300] lbf
	ISO	102 [110.8] kN	102 [110.8] kN	102 [110.8] kN
		10490 [11290] kgf	10490 [11290] kgf	10490 [11290] kgf
		22930 [24890] lbf	22930 [24890] lbf	22930 [24890] lbf
Arm crowd force	SAE	76.5 [83.1] kN	73.6 [79.9] kN	62.8 [68.2] kN
		7820 [8470] kgf	7510 [8140] kgf	6400 [6950] kgf
		17200 [18670] lbf	16530 [17950] lbf	14110 [15320] lbf
	ISO	80.4 [87.3] kN	77.5 [84.1] kN	65.7 [71.4] kN
		8210 [8900] kgf	7860 [8580] kgf	6700 [7270] kgf
		18080 [19630] lbf	17420 [18910] lbf	14770 [16040] lbf

[ ] : Power boost

## 2) HX140 LC HIGH WALKER

### (1) 4.6 m (15' 1") MONO BOOM



140LC2SP09

Description		1.90 m (6' 3") Arm	2.10 m (6' 11") Arm	※2.50 m (8' 2") Arm	3.00 m (9' 10") Arm
Max digging reach	A	7750 mm (25' 5")	7920 mm (26' 0")	8320 mm (27' 4")	8780 mm (28'10")
Max digging reach on ground	A'	7590 mm (24' 9")	7760 mm (25' 4")	8175 mm (26' 7")	8640 mm (28' 2")
Max digging depth	B	4920 mm (15' 5")	5120 mm (16' 1")	5520 mm (17' 4")	6020 mm (19' 0")
Max digging depth (8ft level)	B'	4655 mm (14' 6")	4687 mm (15' 3")	5310 mm (16' 8")	5840 mm (18' 5")
Max vertical wall digging depth	C	4470 mm (14' 9")	4665 mm (15' 3")	5065 mm (16' 8")	5570 mm (18' 4")
Max digging height	D	8130 mm (27' 5")	8195 mm (27' 8")	8525 mm (28' 9")	8800 mm (29' 7")
Max dumping height	E	5690 mm (19' 5")	5770 mm (19' 8")	6075 mm (20' 9")	6340 mm (21' 7")
Min swing radius	F	2630 mm ( 8' 8")	2675 mm ( 8' 9")	2650 mm ( 8' 8")	2680 mm ( 8' 10")
Bucket digging force	SAE	87.9 [95.4] kN	87.9 [95.4] kN	87.9 [95.4] kN	87.9 [95.4] kN
		8960 [9730] kN	8960 [9730] kN	8960 [9730] kN	8960 [9730] kN
		19750 [21450] kN	19750 [21450] kN	19750 [21450] kN	19750 [21450] kN
	ISO	103 [111.8] kN	103 [111.8] kN	103 [111.8] kN	103 [111.8] kN
		10490 [11390] kN	10490 [11390] kN	10490 [11390] kN	10490 [11390] kN
		23130 [25120] kN	23130 [25120] kN	23130 [25120] kN	23130 [25120] kN
Arm crowd force	SAE	76.7 [83.2] kN	73.6 [79.9] kN	62.7 [68.1] kN	56.1 [60.9] kN
		7820 [8490] kgf	7510 [8150] kgf	6400 [6940] kgf	5710 [6200] kgf
		17230 [18710] lbf	16550 [17970] lbf	14100 [15310] lbf	12600 [13680] lbf
	ISO	80.6 [87.5] kN	77.1 [83.8] kN	64.4 [71.0] kN	58.2 [63.1] kN
		8210 [8920] kgf	7860 [8540] kgf	6700 [7240] kgf	5930 [6440] kgf
		18110 [19660] lbf	17430 [18820] lbf	14700 [15960] lbf	13070 [14190] lbf

※ : STD [ ] : Power boost

## 4. WEIGHT

### 1) HX140 LC

Item	HX140 LC		HX140 LC DOZER BLADE	
	kg	lb	kg	lb
Upper structure assembly	5760	12500	←	
Main frame weld assembly	1095	2414	←	
Engine assembly	348	767	←	
Aftertreatment	38	84	←	
Main pump assembly	100	220	←	
Main control valve assembly	140	310	←	
Swing motor assembly	120	260	←	
Hydraulic oil tank assembly	150	330	←	
Fuel tank assembly	150	330	←	
Counterweight	2000	4410	←	
Cab assembly	500	1100	←	
Lower chassis assembly	5840	12875	6660	14680
Track frame weld assembly	1555	3428	1725	3803
Swing bearing	214	472	←	
Travel motor assembly	480	1060	←	
Turning joint	50	110	←	
Track recoil spring	89.5	197	←	
Idler	108	238	←	
Carrier roller	19	42	←	
Track roller	33	73	←	
Track-chain assembly (600 mm standard triple grouser shoe)	1027	2265	←	
Dozer blade assembly	-		505	1113
Front attachment assembly (4.6 m boom, 2.5 m arm, 0.58 m <sup>3</sup> SAE heaped bucket)	2600	5730	←	
4.6 m boom assembly	830	1830	←	
2.5 m arm assembly	435	960	←	
0.58 m <sup>3</sup> SAE heaped bucket	480	1060	←	
Boom cylinder assembly	121	267	←	
Arm cylinder assembly	171	377	←	
Bucket cylinder assembly	123	271	←	
Bucket control rod assembly	90	200	←	
Dozer blade cylinder assembly	-		52	115

## 2) HX140 LC HIGH WALKER

Item	HX140 LC HIGH WALKER	
	kg	lb
Upper structure assembly	5760	12500
Main frame weld assembly	1095	2414
Engine assembly	348	767
Aftertreatment	38	84
Main pump assembly	100	220
Main control valve assembly	140	310
Swing motor assembly	120	260
Hydraulic oil tank assembly	150	330
Fuel tank assembly	150	330
Counterweight	2000	4410
Cab assembly	480	1060
Lower chassis assembly	8740	19270
Track frame weld assembly	2200	4850
Swing bearing	214	472
Travel motor assembly	305	670
Turning joint	50	110
Tension cylinder assembly	132	291
Idler assembly	151	333
Carrier roller assembly	40	88
Track roller assembly	40	88
Track-chain assembly (800 mm standard triple grouser shoe)	1370	3020
Front attachment assembly (4.6 m boom, 2.5 m arm, 0.58 m <sup>3</sup> SAE heaped bucket)	2600	5730
4.6 m boom assembly	830	1830
2.5 m arm assembly	435	960
0.58 m <sup>3</sup> SAE heaped bucket	480	1060
Boom cylinder assembly	121	267
Arm cylinder assembly	171	377
Bucket cylinder assembly	123	271
Bucket control rod assembly	90	200



## 5. LIFTING CAPACITIES

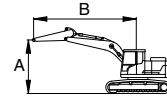
### 1) 4.6 m (15' 1") MONO BOOM











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2500	2000	600	-	-	-	-

•  : Rating over-front

•  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m 19.7ft	kg lb					*3400 *7500	*3400 *7500			*2390 *5270	*2390 *5270	5.50 (18.0)
4.5m 14.8ft	kg lb					*3700 *8160	*3700 *8160	*3500 *7720	2610 5750	*2210 *4870	*2210 *4870	6.44 (21.1)
3.0m 9.8ft	kg lb			*6380 *14070	*6380 *14070	*4630 *10210	3920 8640	3770 8310	2540 5600	*2200 *4850	2010 4430	6.93 (22.7)
1.5m 4.9ft	kg lb			*7050 *15540	6670 14700	5690 12540	3680 8110	3660 8070	2430 5360	*2320 *5110	1900 4190	7.07 (23.2)
0.0m 0.0ft	kg lb			*6550 *14440	6390 14090	5500 12130	3510 7740	3570 7870	2350 5180	*2590 *5710	1950 4300	6.88 (22.6)
-1.5m -4.9ft	kg lb	*4890 *10780	*4890 *10780	*10080 *22220	6370 14040	5430 11970	3450 7610	3550 7830	2330 5140	*3160 *6970	2170 4780	6.34 (20.8)
-3.0m -9.8ft	kg lb	*9020 *19890	*9020 *19890	*8820 *19440	6480 14290	5490 12100	3500 7720			4300 9480	2810 6190	5.31 (17.4)

#### ※ Note

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. \*indicates load limited by hydraulic capacity.

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

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

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

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

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

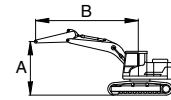
Make adjustments to the rated load as necessary for non-standard configurations.











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	1900	2000	600	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



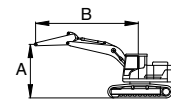
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*4200	*4200			*3650	*3650	4.73
19.7ft	lb					*9260	*9260			*8050	*8050	(15.5)
4.5m	kg					*4330	*4330			*3340	3090	5.80
14.8ft	lb					*9550	*9550			*7360	6810	(19.0)
3.0m	kg					*5220	4420	*4420	2890	*3330	2650	6.35
9.8ft	lb					*11510	9740	*9740	6370	*7340	5840	(20.8)
1.5m	kg					*6220	4210	*4790	2810	*3540	2510	6.50
4.9ft	lb					*13710	9280	*10560	6190	*7800	5530	(21.3)
0.0m	kg			*5750	*5750	*6760	4090	*4990	2750	*4050	2590	6.29
0.0ft	lb			*12680	*12680	*14900	9020	*11000	6060	*8930	5710	(20.6)
-1.5m	kg	*5700	*5700	*9710	7610	*6600	4070			*4960	2970	5.68
-4.9ft	lb	*12570	*12570	*21410	16780	*14550	8970			*10930	6550	(18.6)
-3.0m	kg			*7880	7770	*5100	4190			*5080	4180	4.51
-9.8ft	lb			*17370	17130	*11240	9240			*11200	9220	(14.8)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	1900	2000	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree




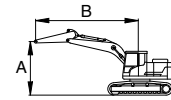
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*4200	*4200			*3650	*3650	4.73
19.7ft	lb					*9260	*9260			*8050	*8050	(15.5)
4.5m	kg					*4330	4280			*3340	2870	5.80
14.8ft	lb					*9550	9440			*7360	6330	(19.0)
3.0m	kg					*5220	4090	3760	2680	*3330	2450	6.35
9.8ft	lb					*11510	9020	8290	5910	*7340	5400	(20.8)
1.5m	kg					5670	3880	3670	2600	3260	2320	6.50
4.9ft	lb					12500	8550	8090	5730	7190	5110	(21.3)
0.0m	kg			*5750	*5750	5530	3760	3620	2540	3380	2390	6.29
0.0ft	lb			*12680	*12680	12190	8290	7980	5600	7450	5270	(20.6)
-1.5m	kg	*5700	*5700	*9710	6880	5510	3740			3910	2740	5.68
-4.9ft	lb	*12570	*12570	*21410	15170	12150	8250			8620	6040	(18.6)
-3.0m	kg			*7880	7040	*5100	3860			*5080	3850	4.51
-9.8ft	lb			*17370	15520	*11240	8510			*11200	8490	(14.8)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	1900	2000	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



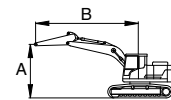
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*4200	4120			*3650	*3650	4.73
19.7ft	lb					*9260	9080			*8050	*8050	(15.5)
4.5m	kg					*4330	4070			*3340	2720	5.80
14.8ft	lb					*9550	8970			*7360	6000	(19.0)
3.0m	kg					*5220	3880	3760	2530	*3330	2320	6.35
9.8ft	lb					*11510	8550	8290	5580	*7340	5110	(20.8)
1.5m	kg					5670	3680	3680	2460	3270	2190	6.50
4.9ft	lb					12500	8110	8110	5420	7210	4830	(21.3)
0.0m	kg			*5750	*5750	5540	3550	3620	2400	3380	2260	6.29
0.0ft	lb			*12680	*12680	12210	7830	7980	5290	7450	4980	(20.6)
-1.5m	kg	*5700	*5700	*9710	6520	5520	3540			3920	2590	5.68
-4.9ft	lb	*12570	*12570	*21410	14370	12170	7800			8640	5710	(18.6)
-3.0m	kg			*7880	6670	*5100	3650			*5080	3640	4.51
-9.8ft	lb			*17370	14700	*11240	8050			*11200	8020	(14.8)











Unit : mm

Mode	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	1900	2300	600	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree




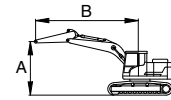
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*4200	*4200			*3650	*3650	4.73
19.7ft	lb					*9260	*9260			*8050	*8050	(15.5)
4.5m	kg					*4330	*4330			*3340	3250	5.80
14.8ft	lb					*9550	*9550			*7360	7170	(19.0)
3.0m	kg					*5220	4650	*4420	3040	*3330	2790	6.35
9.8ft	lb					*11510	10250	*9740	6700	*7340	6150	(20.8)
1.5m	kg					*6220	4430	*4790	2960	*3540	2640	6.50
4.9ft	lb					*13710	9770	*10560	6530	*7800	5820	(21.3)
0.0m	kg			*5750	*5750	*6760	4310	*4990	2910	*4050	2730	6.29
0.0ft	lb			*12680	*12680	*14900	9500	*11000	6420	*8930	6020	(20.6)
-1.5m	kg	*5700	*5700	*9710	8010	*6600	4290			*4960	3130	5.68
-4.9ft	lb	*12570	*12570	*21410	17660	*14550	9460			*10930	6900	(18.6)
-3.0m	kg			*7880	*7880	*5100	4410			*5080	4400	4.51
-9.8ft	lb			*17370	*17370	*11240	9720			*11200	9700	(14.8)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	1900	2300	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



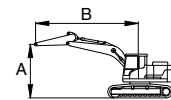
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*4200	*4200			*3650	*3650	4.73
19.7ft	lb					*9260	*9260			*8050	*8050	(15.5)
4.5m	kg					*4330	*4330			*3340	3020	5.80
14.8ft	lb					*9550	*9550			*7360	6660	(19.0)
3.0m	kg					*5220	4300	3940	2820	*3330	2590	6.35
9.8ft	lb					*11510	9480	8690	6220	*7340	5710	(20.8)
1.5m	kg					5940	4090	3850	2740	3430	2450	6.50
4.9ft	lb					13100	9020	8490	6040	7560	5400	(21.3)
0.0m	kg			*5750	*5750	5800	3970	3800	2690	3550	2530	6.29
0.0ft	lb			*12680	*12680	12790	8750	8380	5930	7830	5580	(20.6)
-1.5m	kg	*5700	*5700	*9710	7260	5780	3950			4110	2900	5.68
-4.9ft	lb	*12570	*12570	*21410	16010	12740	8710			9060	6390	(18.6)
-3.0m	kg			*7880	7410	*5100	4070			*5080	4050	4.51
-9.8ft	lb			*17370	16340	*11240	8970			*11200	8930	(14.8)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	1900	2300	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*4200	*4200			*3650	*3650	4.73
19.7ft	lb					*9260	*9260			*8050	*8050	(15.5)
4.5m	kg					*4330	4280			*3340	2870	5.80
14.8ft	lb					*9550	9440			*7360	6330	(19.0)
3.0m	kg					*5220	4090	3940	2680	*3330	2460	6.35
9.8ft	lb					*11510	9020	8690	5910	*7340	5420	(20.8)
1.5m	kg					5950	3890	3860	2600	3430	2320	6.50
4.9ft	lb					13120	8580	8510	5730	7560	5110	(21.3)
0.0m	kg			*5750	*5750	5810	3770	3800	2550	3550	2390	6.29
0.0ft	lb			*12680	*12680	12810	8310	8380	5620	7830	5270	(20.6)
-1.5m	kg	*5700	*5700	*9710	6890	5790	3750			4110	2750	5.68
-4.9ft	lb	*12570	*12570	*21410	15190	12760	8270			9060	6060	(18.6)
-3.0m	kg			*7880	7050	*5100	3860			*5080	3850	4.51
-9.8ft	lb			*17370	15540	*11240	8510			*11200	8490	(14.8)

Unit : mm

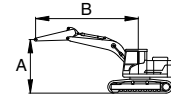
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2100	2000	600	Down	-	-	-



: 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)
6.0m 19.7ft	kg lb					*3910 *8620	*3910 *8620			*3470 *7650	*3470 *7650	4.97 (16.3)
4.5m 14.8ft	kg lb					*4120 *9080	*4120 *9080			*3210 *7080	2940 6480	5.99 (19.7)
3.0m 9.8ft	kg lb			*7310 *16120	*7310 *16120	*5030 *11090	4430 9770	*4280 *9440	2880 6350	*3220 *7100	2530 5580	6.52 (21.4)
1.5m 4.9ft	kg lb					*6070 *13380	4210 9280	*4680 *10320	2800 6170	*3430 *7560	2400 5290	6.67 (21.9)
0.0m 0.0ft	kg lb			*6160 *13580	*6160 *13580	*6690 *14750	4070 8970	*4950 *10910	2730 6020	*3910 *8620	2470 5450	6.47 (21.2)
-1.5m -4.9ft	kg lb	*5500 *12130	*5500 *12130	*9870 *21760	7550 16640	*6630 *14620	4040 8910			*4820 *10630	2810 6190	5.88 (19.3)
-3.0m -9.8ft	kg lb			*8230 *18140	7700 16980	*5470 *12060	4130 9110			*5000 *11020	3830 8440	4.75 (15.6)

Unit : mm

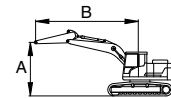
Mode	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2100	2000	600	Up	-	-	-



: Rating over-front



: Rating over-side or 360 degree



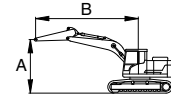
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m 19.7ft	kg lb					*3910 *8620	*3910 *8620			*3470 *7650	*3470 *7650	4.97 (16.3)
4.5m 14.8ft	kg lb					*4120 *9080	*4120 *9080			*3210 *7080	2730 6020	5.99 (19.7)
3.0m 9.8ft	kg lb			*7310 *16120	*7310 *16120	*5030 *11090	4090 9020	3760 8290	2670 5890	*3220 *7100	2350 5180	6.52 (21.4)
1.5m 4.9ft	kg lb					5670 12500	3870 8530	3660 8070	2590 5710	3130 6900	2220 4890	6.67 (21.9)
0.0m 0.0ft	kg lb			*6160 *13580	*6160 *13580	5510 12150	3740 8250	3590 7910	2520 5560	3230 7120	2280 5030	6.47 (21.2)
-1.5m -4.9ft	kg lb	*5500 *12130	*5500 *12130	*9870 *21760	6820 15040	5480 12080	3710 8180			3700 8160	2590 5710	5.88 (19.3)
-3.0m -9.8ft	kg lb			*8230 *18140	6960 15340	*5470 *12060	3790 8360			*5000 *11020	3530 7780	4.75 (15.6)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2100	2000	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



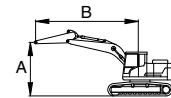
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*3910	*3910			*3470	*3470	4.97
19.7ft	lb					*8620	*8620			*7650	*7650	(16.3)
4.5m	kg					*4120	4090			*3210	2580	5.99
14.8ft	lb					*9080	9020			*7080	5690	(19.7)
3.0m	kg			*7310	7220	*5030	3890	3760	2530	*3220	2220	6.52
9.8ft	lb			*16120	15920	*11090	8580	8290	5580	*7100	4890	(21.4)
1.5m	kg					5670	3670	3660	2440	3130	2100	6.67
4.9ft	lb					12500	8090	8070	5380	6900	4630	(21.9)
0.0m	kg			*6160	*6160	5520	3530	3600	2380	3230	2150	6.47
0.0ft	lb			*13580	*13580	12170	7780	7940	5250	7120	4740	(21.2)
-1.5m	kg	*5500	*5500	*9870	6460	5480	3500			3700	2450	5.88
-4.9ft	lb	*12130	*12130	*21760	14240	12080	7720			8160	5400	(19.3)
-3.0m	kg			*8230	6600	*5470	3590			*5000	3340	4.75
-9.8ft	lb			*18140	14550	*12060	7910			*11020	7360	(15.6)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2100	2300	600	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



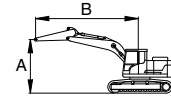
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*3910	*3910			*3470	*3470	4.97
19.7ft	lb					*8620	*8620			*7650	*7650	(16.3)
4.5m	kg					*4120	*4120			*3210	3090	5.99
14.8ft	lb					*9080	*9080			*7080	6810	(19.7)
3.0m	kg			*7310	*7310	*5030	4650	*4280	3040	*3220	2670	6.52
9.8ft	lb			*16120	*16120	*11090	10250	*9440	6700	*7100	5890	(21.4)
1.5m	kg					*6070	4430	*4680	2950	*3430	2530	6.67
4.9ft	lb					*13380	9770	*10320	6500	*7560	5580	(21.9)
0.0m	kg			*6160	*6160	*6690	4290	*4950	2890	*3910	2610	6.47
0.0ft	lb			*13580	*13580	*14750	9460	*10910	6370	*8620	5750	(21.2)
-1.5m	kg	*5500	*5500	*9870	7950	*6630	4260			*4820	2970	5.88
-4.9ft	lb	*12130	*12130	*21760	17530	*14620	9390			*10630	6550	(19.3)
-3.0m	kg			*8230	8100	*5470	4350			*5000	4040	4.75
-9.8ft	lb			*18140	17860	*12060	9590			*11020	8910	(15.6)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2100	2300	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



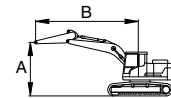
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*3910	*3910			*3470	*3470	4.97
19.7ft	lb					*8620	*8620			*7650	*7650	(16.3)
4.5m	kg					*4120	*4120			*3210	2870	5.99
14.8ft	lb					*9080	*9080			*7080	6330	(19.7)
3.0m	kg			*7310	*7310	*5030	4300	3940	2820	*3220	2480	6.52
9.8ft	lb			*16120	*16120	*11090	9480	8690	6220	*7100	5470	(21.4)
1.5m	kg					5940	4080	3840	2730	3290	2350	6.67
4.9ft	lb					13100	8990	8470	6020	7250	5180	(21.9)
0.0m	kg			*6160	*6160	5780	3950	3780	2670	3400	2410	6.47
0.0ft	lb			*13580	*13580	12740	8710	8330	5890	7500	5310	(21.2)
-1.5m	kg	*5500	*5500	*9870	7200	5750	3920			3890	2740	5.88
-4.9ft	lb	*12130	*12130	*21760	15870	12680	8640			8580	6040	(19.3)
-3.0m	kg			*8230	7340	*5470	4000			*5000	3730	4.75
-9.8ft	lb			*18140	16180	*12060	8820			*11020	8220	(15.6)











Unit : mm

Mode	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2100	2300	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



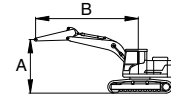
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*3910	*3910			*3470	*3470	4.97
19.7ft	lb					*8620	*8620			*7650	*7650	(16.3)
4.5m	kg					*4120	*4120			*3210	2730	5.99
14.8ft	lb					*9080	*9080			*7080	6020	(19.7)
3.0m	kg			*7310	*7310	*5030	4100	3940	2680	*3220	2350	6.52
9.8ft	lb			*16120	*16120	*11090	9040	8690	5910	*7100	5180	(21.4)
1.5m	kg					5940	3880	3850	2590	3290	2220	6.67
4.9ft	lb					13100	8550	8490	5710	7250	4890	(21.9)
0.0m	kg			*6160	*6160	5790	3740	3780	2530	3400	2290	6.47
0.0ft	lb			*13580	*13580	12760	8250	8330	5580	7500	5050	(21.2)
-1.5m	kg	*5500	*5500	*9870	6840	5750	3710			3890	2600	5.88
-4.9ft	lb	*12130	*12130	*21760	15080	12680	8180			8580	5730	(19.3)
-3.0m	kg			*8230	6980	*5470	3800			*5000	3540	4.75
-9.8ft	lb			*18140	15390	*12060	8380			*11020	7800	(15.6)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2500	2000	600	Down	-	-	-

•  : Rating over-front

•  : Rating over-side or 360 degree



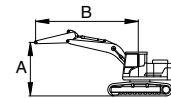
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*3400	*3400			*2390	*2390	5.50
19.7ft	lb					*7500	*7500			*5270	*5270	(18.0)
4.5m	kg					*3700	*3700	*3500	2960	*2210	*2210	6.44
14.8ft	lb					*8160	*8160	*7720	6530	*4870	*4870	(21.1)
3.0m	kg			*6380	*6380	*4630	4470	*4000	2890	*2200	*2200	6.93
9.8ft	lb			*14070	*14070	*10210	9850	*8820	6370	*4850	*4850	(22.7)
1.5m	kg			*7050	*7050	*5760	4220	*4480	2790	*2320	2190	7.07
4.9ft	lb			*15540	*15540	*12700	9300	*9880	6150	*5110	4830	(23.2)
0.0m	kg			*6550	*6550	*6530	4050	*4850	2710	*2590	2240	6.88
0.0ft	lb			*14440	*14440	*14400	8930	*10690	5970	*5710	4940	(22.6)
-1.5m	kg	*4890	*4890	*10080	7460	*6670	3990	*4820	2680	*3160	2500	6.34
-4.9ft	lb	*10780	*10780	*22220	16450	*14700	8800	*10630	5910	*6970	5510	(20.8)
-3.0m	kg	*9020	*9020	*8820	7580	*5920	4040			*4580	3230	5.31
-9.8ft	lb	*19890	*19890	*19440	16710	*13050	8910			*10100	7120	(17.4)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2500	2000	600	Up	-	-	-

•  : Rating over-front

•  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*3400	*3400			*2390	*2390	5.50
19.7ft	lb					*7500	*7500			*5270	*5270	(18.0)
4.5m	kg					*3700	*3700	*3500	2750	*2210	*2210	6.44
14.8ft	lb					*8160	*8160	*7720	6060	*4870	*4870	(21.1)
3.0m	kg			*6380	*6380	*4630	4130	3770	2680	*2200	2130	6.93
9.8ft	lb			*14070	*14070	*10210	9110	8310	5910	*4850	4700	(22.7)
1.5m	kg			*7050	7030	5690	3880	3660	2580	*2320	2020	7.07
4.9ft	lb			*15540	15500	12540	8550	8070	5690	*5110	4450	(23.2)
0.0m	kg			*6550	*6550	5500	3710	3570	2500	*2590	2070	6.88
0.0ft	lb			*14440	*14440	12130	8180	7870	5510	*5710	4560	(22.6)
-1.5m	kg	*4890	*4890	*10080	6730	5430	3660	3540	2470	*3160	2310	6.34
-4.9ft	lb	*10780	*10780	*22220	14840	11970	8070	7800	5450	*6970	5090	(20.8)
-3.0m	kg	*9020	*9020	*8820	6840	5490	3710			4300	2980	5.31
-9.8ft	lb	*19890	*19890	*19440	15080	12100	8180			9480	6570	(17.4)



Unit : mm

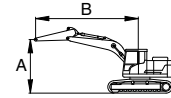
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2500	2300	600	Down	-	-	-



: 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)
6.0m	kg					*3400	*3400			*2390	*2390	5.50
19.7ft	lb					*7500	*7500			*5270	*5270	(18.0)
4.5m	kg					*3700	*3700	*3500	3110	*2210	*2210	6.44
14.8ft	lb					*8160	*8160	*7720	6860	*4870	*4870	(21.1)
3.0m	kg			*6380	*6380	*4630	*4630	*4000	3040	*2200	*2200	6.93
9.8ft	lb			*14070	*14070	*10210	*10210	*8820	6700	*4850	*4850	(22.7)
1.5m	kg			*7050	*7050	*5760	4440	*4480	2940	*2320	2310	7.07
4.9ft	lb			*15540	*15540	*12700	9790	*9880	6480	*5110	5090	(23.2)
0.0m	kg			*6550	*6550	*6530	4270	*4850	2860	*2590	2370	6.88
0.0ft	lb			*14440	*14440	*14400	9410	*10690	6310	*5710	5220	(22.6)
-1.5m	kg	*4890	*4890	*10080	7860	*6670	4210	*4820	2830	*3160	2640	6.34
-4.9ft	lb	*10780	*10780	*22220	17330	*14700	9280	*10630	6240	*6970	5820	(20.8)
-3.0m	kg	*9020	*9020	*8820	7980	*5920	4260			*4580	3410	5.31
-9.8ft	lb	*19890	*19890	*19440	17590	*13050	9390			*10100	7520	(17.4)

Unit : mm

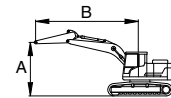
Mode	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2500	2300	600	Up	-	-	-



: Rating over-front



: Rating over-side or 360 degree



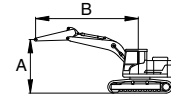
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*3400	*3400			*2390	*2390	5.50
19.7ft	lb					*7500	*7500			*5270	*5270	(18.0)
4.5m	kg					*3700	*3700	*3500	2890	*2210	*2210	6.44
14.8ft	lb					*8160	*8160	*7720	6370	*4870	*4870	(21.1)
3.0m	kg			*6380	*6380	*4630	4340	3950	2820	*2200	*2200	6.93
9.8ft	lb			*14070	*14070	*10210	9570	8710	6220	*4850	*4850	(22.7)
1.5m	kg			*7050	*7050	*5760	4090	3840	2720	*2320	2140	7.07
4.9ft	lb			*15540	*15540	*12700	9020	8470	6000	*5110	4720	(23.2)
0.0m	kg			*6550	*6550	5770	3930	3750	2640	*2590	2190	6.88
0.0ft	lb			*14440	*14440	12720	8660	8270	5820	*5710	4830	(22.6)
-1.5m	kg	*4890	*4890	*10080	7110	5700	3870	3720	2620	*3160	2440	6.34
-4.9ft	lb	*10780	*10780	*22220	15670	12570	8530	8200	5780	*6970	5380	(20.8)
-3.0m	kg	*9020	*9020	*8820	7220	5760	3920			4510	3150	5.31
-9.8ft	lb	*19890	*19890	*19440	15920	12700	8640			9940	6940	(17.4)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2500	2300	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



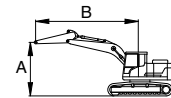
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg					*3400	*3400			*2390	*2390	5.50
19.7ft	lb					*7500	*7500			*5270	*5270	(18.0)
4.5m	kg					*3700	*3700	*3500	2750	*2210	*2210	6.44
14.8ft	lb					*8160	*8160	*7720	6060	*4870	*4870	(21.1)
3.0m	kg			*6380	*6380	*4630	4130	3950	2680	*2200	2130	6.93
9.8ft	lb			*14070	*14070	*10210	9110	8710	5910	*4850	4700	(22.7)
1.5m	kg			*7050	7050	*5760	3890	3840	2580	*2320	2020	7.07
4.9ft	lb			*15540	15540	*12700	8580	8470	5690	*5110	4450	(23.2)
0.0m	kg			*6550	*6550	5770	3720	3750	2500	*2590	2070	6.88
0.0ft	lb			*14440	*14440	12720	8200	8270	5510	*5710	4560	(22.6)
-1.5m	kg	*4890	*4890	*10080	6750	5700	3660	3730	2480	*3160	2310	6.34
-4.9ft	lb	*10780	*10780	*22220	14880	12570	8070	8220	5470	*6970	5090	(20.8)
-3.0m	kg	*9020	*9020	*8820	6860	5760	3710			4510	2980	5.31
-9.8ft	lb	*19890	*19890	*19440	15120	12700	8180			9940	6570	(17.4)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2000	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)
6.0m	kg							*2230	*2230	*2000	*2000	6.08
19.7ft	lb							*4920	*4920	*4410	*4410	(20.0)
4.5m	kg							*3280	3000	*1880	*1880	6.94
14.8ft	lb							*7230	6610	*4140	*4140	(22.8)
3.0m	kg			*5250	*5250	*4130	*4130	*3670	2910	*1870	*1870	7.40
9.8ft	lb			*11570	*11570	*9110	*9110	*8090	6420	*4120	*4120	(24.3)
1.5m	kg			*8390	7960	*5340	4270	*4220	2800	*1970	*1970	7.53
4.9ft	lb			*18500	17550	*11770	9410	*9300	6170	*4340	*4340	(24.7)
0.0m	kg			*7180	*7180	*6290	4060	*4700	2700	*2180	2020	7.36
0.0ft	lb			*15830	*15830	*13870	8950	*10360	5950	*4810	4450	(24.1)
-1.5m	kg	*4370	*4370	*9280	7410	*6660	3960	*4860	2650	*2610	2220	6.85
-4.9ft	lb	*9630	*9630	*20460	16340	*14680	8730	*10710	5840	*5750	4890	(22.5)
-3.0m	kg	*7550	*7550	*9420	7480	*6270	3970			*3560	2740	5.91
-9.8ft	lb	*16640	*16640	*20770	16490	*13820	8750			*7850	6040	(19.4)

Unit : mm

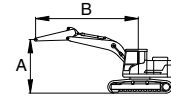
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2000	600	Up	-	-	-



: Rating over-front



: Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg							*2230	*2230	*2000	*2000	6.08
19.7ft	lb							*4920	*4920	*4410	*4410	(20.0)
4.5m	kg							*3280	2780	*1880	*1880	6.94
14.8ft	lb							*7230	6130	*4140	*4140	(22.8)
3.0m	kg			*5250	*5250	*4130	*4130	*3670	2700	*1870	*1870	7.40
9.8ft	lb			*11570	*11570	*9110	*9110	*8090	5950	*4120	*4120	(24.3)
1.5m	kg			*8390	7210	*5340	3930	3670	2580	*1970	1830	7.53
4.9ft	lb			*18500	15900	*11770	8660	8090	5690	*4340	4030	(24.7)
0.0m	kg			*7180	6780	5510	3720	3560	2490	*2180	1860	7.36
0.0ft	lb			*15830	14950	12150	8200	7850	5490	*4810	4100	(24.1)
-1.5m	kg	*4370	*4370	*9280	6680	5400	3630	3510	2440	*2610	2040	6.85
-4.9ft	lb	*9630	*9630	*20460	14730	11900	8000	7740	5380	*5750	4500	(22.5)
-3.0m	kg	*7550	*7550	*9420	6750	5420	3640			*3560	2520	5.91
-9.8ft	lb	*16640	*16640	*20770	14880	11950	8020			*7850	5560	(19.4)

Unit : mm

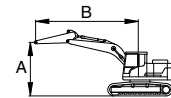
Mode	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2000	600	-	-	-	-



: Rating over-front



: Rating over-side or 360 degree



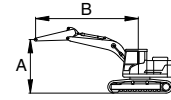
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg							*2230	*2230	*2000	*2000	6.08
19.7ft	lb							*4920	*4920	*4410	*4410	(20.0)
4.5m	kg							*3280	2640	*1880	*1880	6.94
14.8ft	lb							*7230	5820	*4140	*4140	(22.8)
3.0m	kg			*5250	*5250	*4130	3990	*3670	2560	*1870	1810	7.40
9.8ft	lb			*11570	*11570	*9110	8800	*8090	5640	*4120	3990	(24.3)
1.5m	kg			*8390	6840	*5340	3720	3670	2440	*1970	1720	7.53
4.9ft	lb			*18500	15080	*11770	8200	8090	5380	*4340	3790	(24.7)
0.0m	kg			*7180	6420	5510	3520	3560	2340	*2180	1750	7.36
0.0ft	lb			*15830	14150	12150	7760	7850	5160	*4810	3860	(24.1)
-1.5m	kg	*4370	*4370	*9280	6320	5400	3430	3510	2290	*2610	1920	6.85
-4.9ft	lb	*9630	*9630	*20460	13930	11900	7560	7740	5050	*5750	4230	(22.5)
-3.0m	kg	*7550	*7550	*9420	6380	5420	3440			*3560	2380	5.91
-9.8ft	lb	*16640	*16640	*20770	14070	11950	7580			*7850	5250	(19.4)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2300	600	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



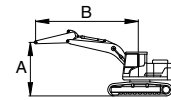
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg							*2230	*2230	*2000	*2000	6.08
19.7ft	lb							*4920	*4920	*4410	*4410	(20.0)
4.5m	kg							*3280	3150	*1880	*1880	6.94
14.8ft	lb							*7230	6940	*4140	*4140	(22.8)
3.0m	kg			*5250	*5250	*4130	*4130	*3670	3060	*1870	*1870	7.40
9.8ft	lb			*11570	*11570	*9110	*9110	*8090	6750	*4120	*4120	(24.3)
1.5m	kg			*8390	8360	*5340	4490	*4220	2950	*1970	*1970	7.53
4.9ft	lb			*18500	18430	*11770	9900	*9300	6500	*4340	*4340	(24.7)
0.0m	kg			*7180	*7180	*6290	4280	*4700	2850	*2180	2140	7.36
0.0ft	lb			*15830	*15830	*13870	9440	*10360	6280	*4810	4720	(24.1)
-1.5m	kg	*4370	*4370	*9280	7810	*6660	4180	*4860	2800	*2610	2350	6.85
-4.9ft	lb	*9630	*9630	*20460	17220	*14680	9220	*10710	6170	*5750	5180	(22.5)
-3.0m	kg	*7550	*7550	*9420	7880	*6270	4190			*3560	2890	5.91
-9.8ft	lb	*16640	*16640	*20770	17370	*13820	9240			*7850	6370	(19.4)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2300	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree




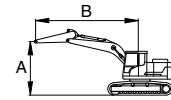
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg							*2230	*2230	*2000	*2000	6.08
19.7ft	lb							*4920	*4920	*4410	*4410	(20.0)
4.5m	kg							*3280	2930	*1880	*1880	6.94
14.8ft	lb							*7230	6460	*4140	*4140	(22.8)
3.0m	kg			*5250	*5250	*4130	*4130	*3670	2840	*1870	*1870	7.40
9.8ft	lb			*11570	*11570	*9110	*9110	*8090	6260	*4120	*4120	(24.3)
1.5m	kg			*8390	7580	*5340	4140	3850	2730	*1970	1940	7.53
4.9ft	lb			*18500	16710	*11770	9130	8490	6020	*4340	4280	(24.7)
0.0m	kg			*7180	7160	5780	3930	3740	2630	*2180	1970	7.36
0.0ft	lb			*15830	15790	12740	8660	8250	5800	*4810	4340	(24.1)
-1.5m	kg	*4370	*4370	*9280	7060	5670	3840	3690	2580	*2610	2170	6.85
-4.9ft	lb	*9630	*9630	*20460	15560	12500	8470	8140	5690	*5750	4780	(22.5)
-3.0m	kg	*7550	*7550	*9420	7120	5690	3850			*3560	2670	5.91
-9.8ft	lb	*16640	*16640	*20770	15700	12540	8490			*7850	5890	(19.4)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2300	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m	kg							*2230	*2230	*2000	*2000	6.08
19.7ft	lb							*4920	*4920	*4410	*4410	(20.0)
4.5m	kg							*3280	2790	*1880	*1880	6.94
14.8ft	lb							*7230	6150	*4140	*4140	(22.8)
3.0m	kg			*5250	*5250	*4130	*4130	*3670	2700	*1870	*1870	7.40
9.8ft	lb			*11570	*11570	*9110	*9110	*8090	5950	*4120	*4120	(24.3)
1.5m	kg			*8390	7220	*5340	3930	3850	2590	*1970	1830	7.53
4.9ft	lb			*18500	15920	*11770	8660	8490	5710	*4340	4030	(24.7)
0.0m	kg			*7180	6800	5780	3730	3740	2490	*2180	1860	7.36
0.0ft	lb			*15830	14990	12740	8220	8250	5490	*4810	4100	(24.1)
-1.5m	kg	*4370	*4370	*9280	6690	5680	3640	3690	2440	*2610	2050	6.85
-4.9ft	lb	*9630	*9630	*20460	14750	12520	8020	8140	5380	*5750	4520	(22.5)
-3.0m	kg	*7550	*7550	*9420	6760	5690	3650			*3560	2530	5.91
-9.8ft	lb	*16640	*16640	*20770	14900	12540	8050			*7850	5580	(19.4)

Unit : mm

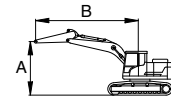
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2000	700	-	-	-	-



: 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)		7.5 m (24.6 ft)		Capacity		Reach
7.5m	kg					*2430	*2430					*2410	*2410	4.51
24.6ft	lb					*5360	*5360					*5310	*5310	(14.8)
6.0m	kg							*2110	*2110			*2010	*2010	6.04
19.7ft	lb							*4650	*4650			*4430	*4430	(19.8)
4.5m	kg							*3260	2720			*1880	*1880	6.92
14.8ft	lb							*7190	6000			*4140	*4140	(22.7)
3.0m	kg					*4070	*4070	*3640	2630			*1870	1870	7.39
9.8ft	lb					*8970	*8970	*8020	5800			*4120	4120	(24.2)
1.5m	kg			*8250	7050	*5280	3830	3850	2510	*2120	1780	*1960	1770	7.53
4.9ft	lb			*18190	15540	*11640	8440	8490	5530	*4670	3920	*4320	3900	(24.7)
0.0m	kg			*7160	6590	5770	3620	3730	2410			*2170	1790	7.37
0.0ft	lb			*15790	14530	12720	7980	8220	5310			*4780	3950	(24.2)
-1.5m	kg	*4260	*4260	*9140	6470	5660	3510	3680	2350			*2580	1960	6.87
-4.9ft	lb	*9390	*9390	*20150	14260	12480	7740	8110	5180			*5690	4320	(22.6)
-3.0m	kg	*7390	*7390	*9440	6530	5660	3520					*3500	2410	5.96
-9.8ft	lb	*16290	*16290	*20810	14400	12480	7760					*7720	5310	(19.6)
-4.5m	kg			*7080	6760							*4500	3830	4.38
-14.8ft	lb			*15610	14900							*9920	8440	(14.4)

Unit : mm

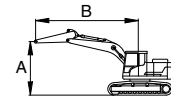
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2000	700	down	-	-	-



: Rating over-front



: Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5m 24.6ft	kg lb					*2430 *5360	*2430 *5360					*2410 *5310	*2410 *5310	4.51 (14.8)
6.0m 19.7ft	kg lb							*2110 *4650	*2110 *4650			*2010 *4430	*2010 *4430	6.04 (19.8)
4.5m 14.8ft	kg lb							*3260 *7190	3020 6660			*1880 *4140	*1880 *4140	6.92 (22.7)
3.0m 9.8ft	kg lb					*4070 *8970	*4070 *8970	*3640 *8020	2940 6480			*1870 *4120	*1870 *4120	7.39 (24.2)
1.5m 4.9ft	kg lb			*8250 *18190	8030 17700	*5280 *11640	4300 9480	*4180 *9220	2820 6220	*2120 *4670	2010 4430	*1960 *4320	*1960 *4320	7.53 (24.7)
0.0m 0.0ft	kg lb			*7160 *15790	*7160 *15790	*6240 *13760	4080 8990	*4660 *10270	2710 5970			*2170 *4780	2020 4450	7.37 (24.2)
-1.5m -4.9ft	kg lb	*4260 *9390	*4260 *9390	*9140 *20150	7430 16380	*6630 *14620	3980 8770	*4850 *10690	2660 5860			*2580 *5690	2210 4870	6.87 (22.6)
-3.0m -9.8ft	kg lb	*7390 *16290	*7390 *16290	*9440 *20810	7490 16510	*6280 *13850	3980 8770					*3500 *7720	2710 5970	5.96 (19.6)
-4.5m -14.8ft	kg lb			*7080 *15610	*7080 *15610							*4500 *9920	4320 9520	4.38 (14.4)

Unit : mm

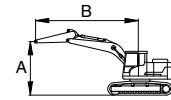
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2000	700	Up	-	-	-



: Rating over-front



: Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5m	kg					*2430	*2430					*2410	*2410	4.51
24.6ft	lb					*5360	*5360					*5310	*5310	(14.8)
6.0m	kg							*2110	*2110			*2010	*2010	6.04
19.7ft	lb							*4650	*4650			*4430	*4430	(19.8)
4.5m	kg							*3260	2810			*1880	*1880	6.92
14.8ft	lb							*7190	6190			*4140	*4140	(22.7)
3.0m	kg					*4070	*4070	*3640	2720			*1870	*1870	7.39
9.8ft	lb					*8970	*8970	*8020	6000			*4120	*4120	(24.2)
1.5m	kg			*8250	7280	*5280	3960	3800	2600	*2120	1850	*1960	1840	7.53
4.9ft	lb			*18190	16050	*11640	8730	8380	5730	*4670	4080	*4320	4060	(24.7)
0.0m	kg			*7160	6820	5700	3740	3690	2500			*2170	1860	7.37
0.0ft	lb			*15790	15040	12570	8250	8140	5510			*4780	4100	(24.2)
-1.5m	kg	*4260	*4260	*9140	6700	5590	3640	3630	2440			*2580	2040	6.87
-4.9ft	lb	*9390	*9390	*20150	14770	12320	8020	8000	5380			*5690	4500	(22.6)
-3.0m	kg	*7390	*7390	*9440	6760	5590	3650					*3500	2500	5.96
-9.8ft	lb	*16290	*16290	*20810	14900	12320	8050					*7720	5510	(19.6)
-4.5m	kg			*7080	6990							*4500	3970	4.38
-14.8ft	lb			*15610	15410							*9920	8750	(14.4)



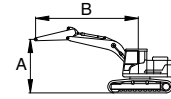
## 2) 4.1 m (13' 5") MONO BOOM











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4100	1900	2000	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)	
6.0m 19.7ft	kg									*3500	*3500	4.01
	lb									*7720	*7720	(13.2)
4.5m 14.8ft	kg				*4620	*4620				*3070	*3070	5.24
	lb				*10190	*10190				*6770	*6770	(17.2)
3.0m 9.8ft	kg			*7190	*7190	*5320	4510			*3020	*3020	5.83
	lb			*15850	*15850	*11730	9940			*6660	*6660	(19.1)
1.5m 4.9ft	kg			*9910	7970	*6300	4320	*3230	2860	*3220	2860	6.00
	lb			*21850	17570	*13890	9520	*7120	6310	*7100	6310	(19.7)
0.0m 0.0ft	kg			*10670	7760	*6870	4200			*3720	2970	5.78
	lb			*23520	17110	*15150	9260			*8200	6550	(19.0)
-1.5m -4.9ft	kg	*8110	*8110	*9920	7780	*6560	4180			*4950	3530	5.11
	lb	*17880	*17880	*21870	17150	*14460	9220			*10910	7780	(16.7)
-3.0m -9.8ft	kg			*7310	*7310					*5520	*5520	3.75
	lb			*16120	*16120					*12170	*12170	(12.3)

### ※ Note

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. \*indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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


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

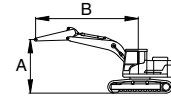
Make adjustments to the rated load as necessary for non-standard configurations.











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4100	1900	2000	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



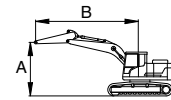
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg									*3500	*3500	4.01
19.7ft	lb									*7720	*7720	(13.2)
4.5m	kg					*4620	4310			*3070	*3070	5.24
14.8ft	lb					*10190	9500			*6770	*6770	(17.2)
3.0m	kg			*7190	*7190	*5320	4170			*3020	2810	5.83
9.8ft	lb			*15850	*15850	*11730	9190			*6660	6190	(19.1)
1.5m	kg			*9910	7230	5790	3980	*3230	2650	*3220	2650	6.00
4.9ft	lb			*21850	15940	12760	8770	*7120	5840	*7100	5840	(19.7)
0.0m	kg			*10670	7030	5650	3860			*3720	2750	5.78
0.0ft	lb			*23520	15500	12460	8510			*8200	6060	(19.0)
-1.5m	kg	*8110	*8110	*9920	7040	5630	3850			4670	3260	5.11
-4.9ft	lb	*17880	*17880	*21870	15520	12410	8490			10300	7190	(16.7)
-3.0m	kg			*7310	7230					*5520	5160	3.75
-9.8ft	lb			*16120	15940					*12170	11380	(12.3)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4100	1900	2000	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree




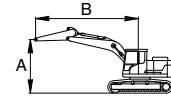
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity	Reach	
												m (ft)
6.0m	kg									*3500	*3500	4.01
19.7ft	lb									*7720	*7720	(13.2)
4.5m	kg					*4620	4100			*3070	*3070	5.24
14.8ft	lb					*10190	9040			*6770	*6770	(17.2)
3.0m	kg			*7190	*7190	*5320	3960			*3020	2670	5.83
9.8ft	lb			*15850	*15850	*11730	8730			*6660	5890	(19.1)
1.5m	kg			*9910	6870	5790	3780	*3230	2510	*3220	2500	6.00
4.9ft	lb			*21850	15150	12760	8330	*7120	5530	*7100	5510	(19.7)
0.0m	kg			*10670	6660	5650	3660			*3720	2600	5.78
0.0ft	lb			*23520	14680	12460	8070			*8200	5730	(19.0)
-1.5m	kg	*8110	*8110	*9920	6680	5640	3640			4670	3080	5.11
-4.9ft	lb	*17880	*17880	*21870	14730	12430	8020			10300	6790	(16.7)
-3.0m	kg			*7310	6860					*5520	4900	3.75
-9.8ft	lb			*16120	15120					*12170	10800	(12.3)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4100	2100	2000	600	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



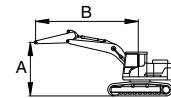
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m	kg									*3360	*3360	4.26
19.7ft	lb									*7410	*7410	(14.0)
4.5m	kg					*4370	*4370			*2990	*2990	5.43
14.8ft	lb					*9630	*9630			*6590	*6590	(17.8)
3.0m	kg			*6740	*6740	*5110	4520	*3030	2910	*2960	2900	6.01
9.8ft	lb			*14860	*14860	*11270	9960	*6680	6420	*6530	6390	(19.7)
1.5m	kg			*9580	8000	*6140	4320	*4480	2850	*3160	2730	6.17
4.9ft	lb			*21120	17640	*13540	9520	*9880	6280	*6970	6020	(20.2)
0.0m	kg			*10620	7730	*6800	4180			*3650	2830	5.95
0.0ft	lb			*23410	17040	*14990	9220			*8050	6240	(19.5)
-1.5m	kg	*7660	*7660	*10090	7720	*6650	4150			*4800	3320	5.30
-4.9ft	lb	*16890	*16890	*22240	17020	*14660	9150			*10580	7320	(17.4)
-3.0m	kg			*7830	*7830					*5510	5020	4.02
-9.8ft	lb			*17260	*17260					*12150	11070	(13.2)











Unit : mm

Mode	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4100	2100	2000	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



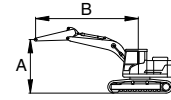
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												m (ft)
6.0m	kg									*3360	*3360	4.26
19.7ft	lb									*7410	*7410	(14.0)
4.5m	kg					*4370	4320			*2990	*2990	5.43
14.8ft	lb					*9630	9520			*6590	*6590	(17.8)
3.0m	kg			*6740	*6740	*5110	4170	*3030	2700	*2960	2690	6.01
9.8ft	lb			*14860	*14860	*11270	9190	*6680	5950	*6530	5930	(19.7)
1.5m	kg			*9580	7250	5790	3980	3720	2640	*3160	2530	6.17
4.9ft	lb			*21120	15980	12760	8770	8200	5820	*6970	5580	(20.2)
0.0m	kg			*10620	7000	5630	3840			*3650	2620	5.95
0.0ft	lb			*23410	15430	12410	8470			*8050	5780	(19.5)
-1.5m	kg	*7660	*7660	*10090	6990	5600	3810			4390	3060	5.30
-4.9ft	lb	*16890	*16890	*22240	15410	12350	8400			9680	6750	(17.4)
-3.0m	kg			*7830	7150					*5510	4610	4.02
-9.8ft	lb			*17260	15760					*12150	10160	(13.2)












Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4100	2100	2000	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												
6.0m 19.7ft	kg lb									*3360 *7410	*3360 *7410	4.26 (14.0)
4.5m 14.8ft	kg lb					*4370 *9630	4120 9080			*2990 *6590	*2990 *6590	5.43 (17.8)
3.0m 9.8ft	kg lb			*6740 *14860	*6740 *14860	*5110 *11270	3970 8750	*3030 *6680	2550 5620	*2960 *6530	2550 5620	6.01 (19.7)
1.5m 4.9ft	kg lb			*9580 *21120	6890 15190	5790 12760	3780 8330	3720 8200	2500 5510	*3160 *6970	2390 5270	6.17 (20.2)
0.0m 0.0ft	kg lb			*10620 *23410	6640 14640	5640 12430	3640 8020			*3650 *8050	2480 5470	5.95 (19.5)
-1.5m -4.9ft	kg lb	*7660 *16890	*7660 *16890	*10090 *22240	6630 14620	5600 12350	3610 7960			4390 9680	2900 6390	5.30 (17.4)
-3.0m -9.8ft	kg lb			*7830 *17260	6790 14970					*5510 *12150	4370 9630	4.02 (13.2)

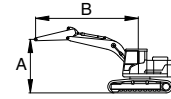
### 3) 4.9 m (16' 1") ADJUST BOOM











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	2500	2300	600	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m	kg			*3500	*3500					*3500	*3500	4.50
24.6ft	lb			*7720	*7720					*7720	*7720	(14.8)
6.0m	kg			*3340	*3340	*2970	*2970			*2890	*2890	6.01
19.7ft	lb			*7360	*7360	*6550	*6550			*6370	*6370	(19.7)
4.5m	kg			*3840	*3840	*3710	3130			*2680	2480	6.88
14.8ft	lb			*8470	*8470	*8180	6900			*5910	5470	(22.6)
3.0m	kg			*4930	4650	*4140	3030			*2640	2200	7.35
9.8ft	lb			*10870	10250	*9130	6680			*5820	4850	(24.1)
1.5m	kg			*6170	4370	*4710	2910			*2740	2110	7.48
4.9ft	lb			*13600	9630	*10380	6420			*6040	4650	(24.5)
0.0m	kg	*4510	*4510	*7010	4190	*5170	2810			*2990	2150	7.30
0.0ft	lb	*9940	*9940	*15450	9240	*11400	6190			*6590	4740	(23.9)
-1.5m	kg	*8370	7750	*7230	4140	*5290	2780			*3490	2370	6.78
-4.9ft	lb	*18450	17090	*15940	9130	*11660	6130			*7690	5220	(22.3)
-3.0m	kg	*9850	7880	*6710	4190					*4610	2950	5.84
-9.8ft	lb	*21720	17370	*14790	9240					*10160	6500	(19.2)

※ Note

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. \*indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

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

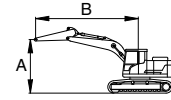
Make adjustments to the rated load as necessary for non-standard configurations.











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	2500	2300	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



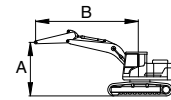
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity	Reach	
												m (ft)
7.5m	kg			*3500	*3500					*3500	*3500	4.50
24.6ft	lb			*7720	*7720					*7720	*7720	(14.8)
6.0m	kg			*3340	*3340	*2970	2900			*2890	*2890	6.01
19.7ft	lb			*7360	*7360	*6550	6390			*6370	*6370	(19.7)
4.5m	kg			*3840	*3840	*3710	2900			*2680	2300	6.88
14.8ft	lb			*8470	*8470	*8180	6390			*5910	5070	(22.6)
3.0m	kg			*4930	4290	3950	2800			*2640	2040	7.35
9.8ft	lb			*10870	9460	8710	6170			*5820	4500	(24.1)
1.5m	kg			5910	4020	3820	2680			*2740	1940	7.48
4.9ft	lb			13030	8860	8420	5910			*6040	4280	(24.5)
0.0m	kg	*4510	*4510	5710	3850	3720	2590			2820	1980	7.30
0.0ft	lb	*9940	*9940	12590	8490	8200	5710			6220	4370	(23.9)
-1.5m	kg	*8370	6990	5650	3790	3690	2560			3120	2190	6.78
-4.9ft	lb	*18450	15410	12460	8360	8140	5640			6880	4830	(22.3)
-3.0m	kg	*9850	7110	5710	3840					3910	2720	5.84
-9.8ft	lb	*21720	15670	12590	8470					8620	6000	(19.2)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	2500	2300	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



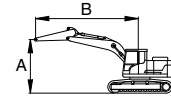
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity	Reach	
												m (ft)
7.5m	kg			*3500	*3500					*3500	*3500	4.50
24.6ft	lb			*7720	*7720					*7720	*7720	(14.8)
6.0m	kg			*3340	*3340	*2970	2760			*2890	2750	6.01
19.7ft	lb			*7360	*7360	*6550	6080			*6370	6060	(19.7)
4.5m	kg			*3840	*3840	*3710	2760			*2680	2180	6.88
14.8ft	lb			*8470	*8470	*8180	6080			*5910	4810	(22.6)
3.0m	kg			*4930	4090	3950	2660			*2640	1930	7.35
9.8ft	lb			*10870	9020	8710	5860			*5820	4250	(24.1)
1.5m	kg			5920	3820	3820	2540			*2740	1840	7.48
4.9ft	lb			13050	8420	8420	5600			*6040	4060	(24.5)
0.0m	kg	*4510	*4510	5720	3640	3720	2450			2820	1870	7.30
0.0ft	lb	*9940	*9940	12610	8020	8200	5400			6220	4120	(23.9)
-1.5m	kg	*8370	6630	5650	3590	3690	2420			3120	2070	6.78
-4.9ft	lb	*18450	14620	12460	7910	8140	5340			6880	4560	(22.3)
-3.0m	kg	*9850	6750	5710	3640					3910	2580	5.84
-9.8ft	lb	*21720	14880	12590	8020					8620	5690	(19.2)











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	2100	2300	600	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



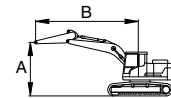
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*4380 *9660	*4380 *9660	3.77 (12.4)
6.0m 19.7ft	kg lb			*3810 *8400	*3810 *8400					*4110 *9060	3570 7870	5.50 (18.0)
4.5m 14.8ft	kg lb	*5010 *11050	*5010 *11050	*4260 *9390	*4260 *9390	*4050 *8930	3100 6830			*3830 *8440	2760 6080	6.44 (21.1)
3.0m 9.8ft	kg lb			*5340 *11770	4610 10160	*4410 *9720	3020 6660			*3800 *8380	2420 5340	6.93 (22.7)
1.5m 4.9ft	kg lb			*6500 *14330	4360 9610	*4920 *10850	2910 6420			*3980 *8770	2300 5070	7.07 (23.2)
0.0m 0.0ft	kg lb			*7190 *15850	4220 9300	*5300 *11680	2840 6260			*4410 *9720	2360 5200	6.88 (22.6)
-1.5m -4.9ft	kg lb	*9240 *20370	7860 17330	*7230 *15940	4190 9240	*5260 *11600	2830 6240			*4880 *10760	2650 5840	6.33 (20.8)
-3.0m -9.8ft	kg lb			*6420 *14150	4270 9410							











Unit : mm

Mode	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	2100	2300	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



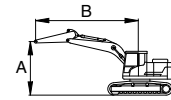
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*4380 *9660	*4380 *9660	3.77 (12.4)
6.0m 19.7ft	kg lb			*3810 *8400	*3810 *8400					*4110 *9060	3320 7320	5.50 (18.0)
4.5m 14.8ft	kg lb	*5010 *11050	*5010 *11050	*4260 *9390	*4260 *9390	4030 8880	2880 6350			3580 7890	2560 5640	6.44 (21.1)
3.0m 9.8ft	kg lb			*5340 *11770	4260 9390	3940 8690	2800 6170			3140 6920	2240 4940	6.93 (22.7)
1.5m 4.9ft	kg lb			5890 12990	4010 8840	3830 8440	2690 5930			3000 6610	2130 4700	7.07 (23.2)
0.0m 0.0ft	kg lb			5730 12630	3870 8530	3750 8270	2620 5780			3090 6810	2180 4810	6.88 (22.6)
-1.5m -4.9ft	kg lb	*9240 *20370	7100 15650	5700 12570	3840 8470	3740 8250	2610 5750			3480 7670	2440 5380	6.33 (20.8)
-3.0m -9.8ft	kg lb			5790 12760	3920 8640							











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	2100	2300	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



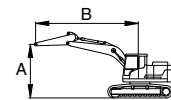
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*4380 *9660	*4380 *9660	3.77 (12.4)
6.0m 19.7ft	kg lb			*3810 *8400	*3810 *8400					*4110 *9060	3160 6970	5.50 (18.0)
4.5m 14.8ft	kg lb	*5010 *11050	*5010 *11050	*4260 *9390	*4260 *9390	4030 8880	2740 6040			3580 7890	2430 5360	6.44 (21.1)
3.0m 9.8ft	kg lb			*5340 *11770	4050 8930	3940 8690	2660 5860			3150 6940	2120 4670	6.93 (22.7)
1.5m 4.9ft	kg lb			5900 13010	3810 8400	3830 8440	2550 5620			3000 6610	2010 4430	7.07 (23.2)
0.0m 0.0ft	kg lb			5740 12650	3670 8090	3750 8270	2480 5470			3090 6810	2060 4540	6.88 (22.6)
-1.5m -4.9ft	kg lb	*9240 *20370	6730 14840	5710 12590	3640 8020	3740 8250	2470 5450			3480 7670	2310 5090	6.33 (20.8)
-3.0m -9.8ft	kg lb			5800 12790	3720 8200							











Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	1900	2300	600	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*4720 *10410	*4720 *10410	3.42 (11.2)
6.0m 19.7ft	kg lb			*4060 *8950	*4060 *8950					*4310 *9500	3820 8420	5.27 (17.3)
4.5m 14.8ft	kg lb	*5420 *11950	*5420 *11950	*4480 *9880	*4480 *9880	*4240 *9350	3100 6830			*3980 *8770	2900 6390	6.24 (20.5)
3.0m 9.8ft	kg lb			*5550 *12240	4600 10140	*4550 *10030	3020 6660			*3940 *8690	2530 5580	6.75 (22.1)
1.5m 4.9ft	kg lb			*6670 *14700	4360 9610	*5030 *11090	2930 6460			*4110 *9060	2400 5290	6.89 (22.6)
0.0m 0.0ft	kg lb			*7270 *16030	4240 9350	*5360 *11820	2860 6310			*4560 *10050	2470 5450	6.70 (22.0)
-1.5m -4.9ft	kg lb	*9520 *20990	7930 17480	*7220 *15920	4220 9300	*5210 *11490	2870 6330			*5030 *11090	2790 6150	6.13 (20.1)
-3.0m -9.8ft	kg lb											

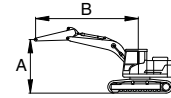












Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	1900	2300	600	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



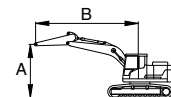
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*4720 *10410	*4720 *10410	3.42 (11.2)
6.0m 19.7ft	kg lb			*4060 *8950	*4060 *8950					*4310 *9500	3540 7800	5.27 (17.3)
4.5m 14.8ft	kg lb	*5420 *11950	*5420 *11950	*4480 *9880	*4480 *9880	4020 8860	2870 6330			3760 8290	2690 5930	6.24 (20.5)
3.0m 9.8ft	kg lb			*5550 *12240	4250 9370	3940 8690	2800 6170			3280 7230	2340 5160	6.75 (22.1)
1.5m 4.9ft	kg lb			5890 12990	4010 8840	3840 8470	2710 5970			3130 6900	2220 4890	6.89 (22.6)
0.0m 0.0ft	kg lb			5760 12700	3890 8580	3770 8310	2640 5820			3230 7120	2290 5050	6.70 (22.0)
-1.5m -4.9ft	kg lb	*9520 *20990	7170 15810	5740 12650	3880 8550	3770 8310	2650 5840			3670 8090	2580 5690	6.13 (20.1)
-3.0m -9.8ft	kg lb											











Unit : mm

Mode	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	2pcs	4939	1900	2300	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*4720 *10410	*4720 *10410	3.42 (11.2)
6.0m 19.7ft	kg lb			*4060 *8950	*4060 *8950					*4310 *9500	3380 7450	5.27 (17.3)
4.5m 14.8ft	kg lb	*5420 *11950	*5420 *11950	*4480 *9880	4280 9440	4020 8860	2730 6020			3760 8290	2550 5620	6.24 (20.5)
3.0m 9.8ft	kg lb			*5550 *12240	4040 8910	3950 8710	2660 5860			3280 7230	2220 4890	6.75 (22.1)
1.5m 4.9ft	kg lb			5900 13010	3810 8400	3840 8470	2570 5670			3130 6900	2100 4630	6.89 (22.6)
0.0m 0.0ft	kg lb			5760 12700	3690 8140	3770 8310	2500 5510			3230 7120	2160 4760	6.70 (22.0)
-1.5m -4.9ft	kg lb	*9520 *20990	6800 14990	5740 12650	3670 8090	3770 8310	2500 5510			3670 8090	2440 5380	6.13 (20.1)
-3.0m -9.8ft	kg lb											

#### 4) 4.6 m (15' 1") HIGH WALKER

Unit : mm

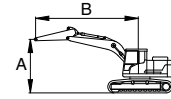
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	1900	2000	800	-	-	-	-



: 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				*4200	*4200			*3650	*3650	4.73
	lb				*9260	*9260			*8050	*8050	(15.5)
4.5 m (14.8 ft)	kg				*4330	*4330			*3340	3,080	5.8
	lb				*9550	*9550			*7360	6,790	(19.0)
3.0 m (9.8 ft)	kg				*5220	4,380	4,310	2,880	*3330	2,640	6.35
	lb				*11510	9,660	9,500	6,350	*7340	5,820	(20.8)
1.5 m (4.9 ft)	kg				*6220	4,170	4,220	2,800	*3540	2,500	6.5
	lb				*13710	9,190	9,300	6,170	*7800	5,510	(21.3)
0.0 m (0.0 ft)	kg		*5750	*5750	6,350	4,050	4,160	2,750	3,900	2,580	6.29
	lb		*12680	*12680	14,000	8,930	9,170	6,060	8,600	5,690	(20.6)
-1.5 m (-4.9 ft)	kg	*5700	*5700	*9710	7,400	6,330	4030		4,500	2,960	5.68
	lb	*12570	*12570	*21410	16,310	13,960	8880		9,920	6,530	(18.6)
-3.0 m (-9.8 ft)	kg			*7880	7,560	*5100	4,150		*5080	4,140	4.51
	lb			*17370	16,670	*11240	9,150		*11200	9,130	(14.8)

Unit : mm

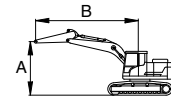
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2100	2000	800	-	-	-	-



: 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				*3910	*3910			*3470	*3470	4.97
	lb				*8620	*8620			*7650	*7650	(16.3)
4.5 m (14.8 ft)	kg				*4120	*4120			*3210	2930	5.99
	lb				*9080	*9080			*7080	6460	(19.7)
3.0 m (9.8 ft)	kg		*7310	*7310	*5030	4390	*4280	2870	*3220	2530	6.52
	lb		*16120	*16120	*11090	9680	*9440	6330	*7100	5580	(21.4)
1.5 m (4.9 ft)	kg				*6070	4170	4210	2790	*3430	2400	6.67
	lb				*13380	9190	9280	6150	*7560	5290	(21.9)
0.0 m (0.0 ft)	kg		*6160	*6160	6330	4030	4140	2730	3730	2470	6.47
	lb		*13580	*13580	13960	8880	9130	6020	8220	5450	(21.2)
-1.5 m (-4.9 ft)	kg	*5500	*5500	*9870	7340	6300	4000		4260	2800	5.88
	lb	*12130	*12130	*21760	16180	13890	8820		9390	6170	(19.3)
-3.0 m (-9.8 ft)	kg		*8230	7490	*5470	4090			*5000	3800	4.75
	lb		*18140	16510	*12060	9020			*11020	8380	(15.6)

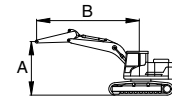
Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	2500	2000	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					*3400 *7500	*3400 *7500			*2390 *5270	*2390 *5270	5.50 (18.0)
4.5 m (14.8 ft)	kg lb					*3700 *8160	*3700 *8160	*3500 *7720	2950 6500	*2210 *4870	*2210 *4870	6.44 (21.1)
3.0 m (9.8 ft)	kg lb			*6380 *14070	*6380 *14070	*4630 *10210	4420 9740	*4000 *8820	2880 6350	*2200 *4850	*2200 *4850	6.93 (22.7)
1.5 m (4.9 ft)	kg lb			*7050 *15540	*7050 *15540	*5760 *12700	4170 9190	4200 9260	2780 6130	*2320 *5110	2190 4830	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6550 *14440	*6550 *14440	6320 13930	4010 8840	4120 9080	2700 5950	*2590 *5710	2240 4940	6.88 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4890 *10780	*4890 *10780	*10080 *22220	7250 15980	6250 13780	3950 8710	4090 9020	2680 5910	*3160 *6970	2500 5510	6.34 (20.8)
-3.0 m (-9.8 ft)	kg lb	*9020 *19890	*9020 *19890	*8820 *19440	7370 16250	*5920 *13050	4000 8820			*4580 *10100	3210 7080	5.31 (17.4)

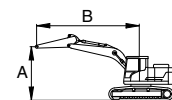
Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX140 LC	Mono	4600	3000	2000	800	-	-	-	-



: Rating over-front

• : Rating over-side or 360 degree

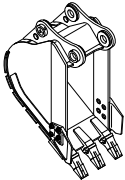
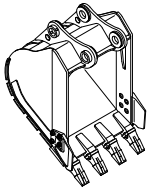
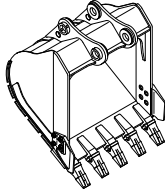


Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb							*2230 *4920	*2230 *4920	*2000 *4410	*2000 *4410	6.08 (20.0)
4.5 m (14.8 ft)	kg lb							*3280 *7230	2,990 6,590	*1880 *4140	*1880 *4140	6.94 (22.8)
3.0 m (9.8 ft)	kg lb			*5250 *11570	*5250 *11570	*4130 *9110	*4130 *9110	*3670 *8090	2,900 6,390	*1870 *4120	*1870 *4120	7.40 (24.3)
1.5 m (4.9 ft)	kg lb			*8390 *18500	7,730 17,040	*5340 *11770	4,220 9,300	4,220 9,300	2,790 6,150	*1970 *4340	*1970 *4340	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7180 *15830	*7180 *15830	*6290 *13870	4,020 8,860	4,110 9,060	2,690 5,930	*2180 *4810	2,020 4,450	7.36 (24.1)
-1.5 m (-4.9 ft)	kg lb	*4370 *9630	*4370 *9630	*9280 *20460	7,200 15,870	6,220 13,710	3,920 8,640	4,050 8,930	2,640 5,820	*2610 *5750	2,220 4,890	6.85 (22.5)
-3.0 m (-9.8 ft)	kg lb	*7550 *16640	*7550 *16640	*9420 *20770	7,270 16,030	6,240 13,760	3,930 8,660			*3560 *7850	2,730 6,020	5.91 (19.4)

## 6. BUCKET SELECTION GUIDE

### 1) HX140 LC

#### (1) General bucket

		
0.23 m <sup>3</sup> SAE heaped bucket	0.40, 0.46 m <sup>3</sup> SAE heaped bucket	0.52, *0.58, 0.65, 0.71 m <sup>3</sup> SAE heaped bucket

Capacity		Width		Weight	Recommendation					
					4.6 m (15' 1") boom				4.1 m (13' 5") boom	
SAE heaped	CECE heaped	Without side cutter	With side cutter		1.9 m arm (6' 3")	2.1 m arm (6' 11")	2.5 m arm (8' 2")	3.0 m arm (9' 10")	1.9 m arm (6' 3")	2.1 m arm (6' 11")
0.23 m <sup>3</sup> (0.30 yd <sup>3</sup> )	0.20 m <sup>3</sup> (0.26 yd <sup>3</sup> )	520 mm (20.5")	620 mm (24.4")	335 kg (740 lb)	●	●	●	○	●	●
0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	0.35 m <sup>3</sup> (0.46 yd <sup>3</sup> )	760 mm (29.9")	860 mm (33.9")	410 kg (900 lb)	●	●	●	○	●	●
0.46 m <sup>3</sup> (0.60 yd <sup>3</sup> )	0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	850 mm (33.5")	950 mm (37.4")	435 kg (960 lb)	●	●	●	○	●	●
0.52 m <sup>3</sup> (0.68 yd <sup>3</sup> )	0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	935 mm (36.8")	1035 mm (40.8")	460 kg (1010 lb)	●	●	●		●	●
*0.58 m <sup>3</sup> (0.76 yd <sup>3</sup> )	0.50 m <sup>3</sup> (0.65 yd <sup>3</sup> )	1030 mm (40.6")	1130 mm (44.5")	480 kg (1060 lb)	●	●	○		●	●
0.65 m <sup>3</sup> (0.85 yd <sup>3</sup> )	0.55 m <sup>3</sup> (0.72 yd <sup>3</sup> )	1110 mm (43.7")	1210 mm (47.6")	500 kg (1100 lb)	○	○	○		●	○
0.71 m <sup>3</sup> (0.93 yd <sup>3</sup> )	0.60 m <sup>3</sup> (0.78 yd <sup>3</sup> )	1205 mm (47.4")	1305 mm (51.4")	540 kg (1190 lb)	○	○			○	○

※ : Standard bucket

● Applicable for materials with density of 2000 kg/m<sup>3</sup> (3370 lb/yd<sup>3</sup>) or less

○ Applicable for materials with density of 1600 kg/m<sup>3</sup> (2700 lb/yd<sup>3</sup>) or less

○ Applicable for materials with density of 1100 kg/m<sup>3</sup> (1850 lb/yd<sup>3</sup>) or less

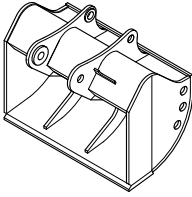
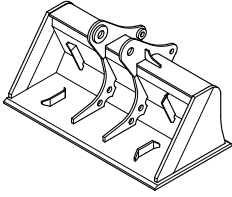
※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

Consult your Hyundai dealer for information on selecting the correct boom-arm-bucket combination.

## (2) Special bucket

<p>Ditch cleaning bucket</p> 	<p>Slope finishing bucket</p> 
<p>★0.45 m<sup>3</sup> SAE heaped bucket</p>	<p>◆0.55 m<sup>3</sup> SAE heaped bucket</p>

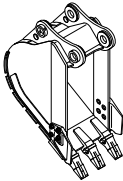
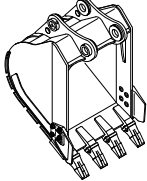
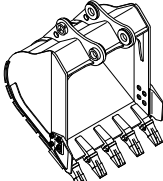
Capacity		Width		Weight	Recommendation					
					4.6 m (15' 1") boom				4.1 m (13' 5") boom	
SAE heaped	CECE heaped	Without side cutter	With side cutter		1.9 m arm (6' 3")	2.1 m arm (6' 11")	2.5 m arm (8' 2")	3.0 m arm (9' 10")	1.9 m arm (6' 3")	2.1 m arm (6' 11")
★0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	1520 mm (59.8")	-	410 kg (900 lb)	●	●	◉		●	●
◆0.55 m <sup>3</sup> (0.72 yd <sup>3</sup> )	0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	1800 mm (70.9")	-	585 kg (1290 lb)	◉	◉	○		●	●

★ : Ditch cleaning bucket    ◆ : Slope finishing bucket

- Applicable for materials with density of 2000 kgf/m<sup>3</sup> (3370 lbf/yd<sup>3</sup>) or less
- Applicable for materials with density of 1600 kgf/m<sup>3</sup> (2700 lbf/yd<sup>3</sup>) or less
- Applicable for materials with density of 1100 kgf/m<sup>3</sup> (1850 lbf/yd<sup>3</sup>) or less

## 2) HX140 LC, ADJUST BOOM

### (1) General bucket

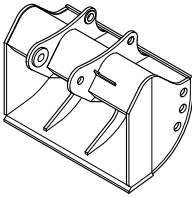
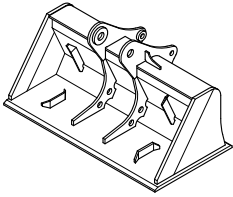
		
0.23 m <sup>3</sup> SAE heaped bucket	0.40, 0.46 m <sup>3</sup> SAE heaped bucket	0.52, ※0.58, 0.65, 0.71 m <sup>3</sup> SAE heaped bucket

Capacity		Width		Weight	Recommendation		
					4.9 m (16' 1") adjust boom		
SAE heaped	CECE heaped	Without side cutter	With side cutter		1.9 m arm (6' 3")	2.1 m arm (6' 11")	2.5 m arm (8' 2")
0.23 m <sup>3</sup> (0.30 yd <sup>3</sup> )	0.20 m <sup>3</sup> (0.26 yd <sup>3</sup> )	520 mm (20.5")	620 mm (24.4")	335 kg (740 lb)	●	●	●
0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	0.35 m <sup>3</sup> (0.46 yd <sup>3</sup> )	760 mm (29.9")	860 mm (33.9")	410 kg (900 lb)	●	●	●
0.46 m <sup>3</sup> (0.60 yd <sup>3</sup> )	0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	850 mm (33.5")	950 mm (37.4")	435 kg (960 lb)	●	●	◉
0.52 m <sup>3</sup> (0.68 yd <sup>3</sup> )	0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	935 mm (36.8")	1035 mm (40.8")	460 kg (1010 lb)	●	◉	◉
※0.58 m <sup>3</sup> (0.76 yd <sup>3</sup> )	0.50 m <sup>3</sup> (0.65 yd <sup>3</sup> )	1030 mm (40.6")	1130 mm (44.5")	480 kg (1060 lb)	◉	○	○
0.65 m <sup>3</sup> (0.85 yd <sup>3</sup> )	0.55 m <sup>3</sup> (0.72 yd <sup>3</sup> )	1110 mm (43.7")	1210 mm (47.6")	500 kg (1100 lb)	○	○	
0.71 m <sup>3</sup> (0.93 yd <sup>3</sup> )	0.60 m <sup>3</sup> (0.78 yd <sup>3</sup> )	1205 mm (47.4")	1305 mm (51.4")	540 kg (1190 lb)	○		

※ : Standard bucket

- Applicable for materials with density of 2000 kg/m<sup>3</sup> (3370 lb/yd<sup>3</sup>) or less
- ◉ Applicable for materials with density of 1600 kg/m<sup>3</sup> (2700 lb/yd<sup>3</sup>) or less
- Applicable for materials with density of 1100 kg/m<sup>3</sup> (1850 lb/yd<sup>3</sup>) or less

## (2) Special bucket

<p>Ditch cleaning bucket</p> 	<p>Slope finishing bucket</p> 
<p>★0.45 m<sup>3</sup> SAE heaped bucket</p>	<p>◆0.55 m<sup>3</sup> SAE heaped bucket</p>

Capacity		Width		Weight	Recommendation		
					4.9 m (16' 1") boom		
SAE heaped	CECE heaped	Without side cutter	With side cutter		1.9 m arm (6' 3")	2.1 m arm (6' 11")	2.5 m arm (8' 2")
★0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	1520 mm (59.8")	-	410 kg (900 lb)	●	●	○
◆0.55 m <sup>3</sup> (0.72 yd <sup>3</sup> )	0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	1800 mm (70.9")	-	585 kg (1290 lb)	●	○	○

★ : Ditch cleaning bucket

◆ : Slope finishing bucket

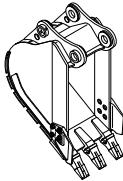
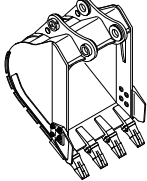
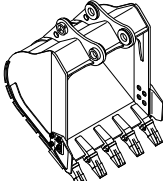
● Applicable for materials with density of 2000 kgf/m<sup>3</sup> (3370 lbf/yd<sup>3</sup>) or less

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

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




### 3) HX140 LC HIGH WALKER

#### (1) General bucket

		
0.23 m <sup>3</sup> SAE heaped bucket	0.40, 0.46 m <sup>3</sup> SAE heaped bucket	0.52, ※0.58, 0.65, 0.71 m <sup>3</sup> SAE heaped bucket

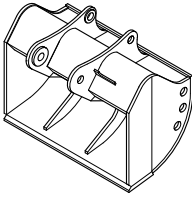
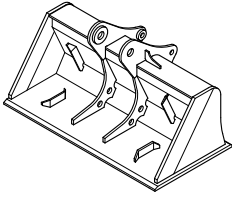
Capacity		Width		Weight	Recommendation			
SAE heaped	CECE heaped	Without side cutter	With side cutter		4.6 m (15' 1") boom			
					1.9 m arm (6' 3")	2.1 m arm (6' 11")	2.5 m arm (8' 2")	3.0 m arm (9' 10")
0.23 m <sup>3</sup> (0.30 yd <sup>3</sup> )	0.20 m <sup>3</sup> (0.26 yd <sup>3</sup> )	520 mm (20.5")	620 mm (24.4")	335 kg (740 lb)	●	●	●	●
0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	0.35 m <sup>3</sup> (0.46 yd <sup>3</sup> )	760 mm (29.9")	860 mm (33.9")	410 kg (900 lb)	●	●	●	○
0.46 m <sup>3</sup> (0.60 yd <sup>3</sup> )	0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	850 mm (33.5")	950 mm (37.4")	435 kg (960 lb)	●	●	●	○
0.52 m <sup>3</sup> (0.68 yd <sup>3</sup> )	0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	935 mm (36.8")	1035 mm (40.7")	460 kg (1010 lb)	●	●	●	○
※0.58 m <sup>3</sup> (0.76 yd <sup>3</sup> )	0.50 m <sup>3</sup> (0.65 yd <sup>3</sup> )	1030 mm (40.6")	1130 mm (44.5")	480 kg (1060 lb)	●	●	●	
0.65 m <sup>3</sup> (0.85 yd <sup>3</sup> )	0.55 m <sup>3</sup> (0.72 yd <sup>3</sup> )	1110 mm (43.7")	1210 mm (47.6")	500 kg (1100 lb)	●	○	○	
0.71 m <sup>3</sup> (0.93 yd <sup>3</sup> )	0.60 m <sup>3</sup> (0.78 yd <sup>3</sup> )	1205 mm (47.4")	1305 mm (51.4")	540 kg (1190 lb)	○	○	○	

※ : Standard bucket

-  Applicable for materials with density of 2000 kg/m<sup>3</sup> (3370 lb/yd<sup>3</sup>) or less
-  Applicable for materials with density of 1600 kg/m<sup>3</sup> (2700 lb/yd<sup>3</sup>) or less
-  Applicable for materials with density of 1100 kg/m<sup>3</sup> (1850 lb/yd<sup>3</sup>) or less



## (2) Special bucket

<p>Ditch cleaning bucket</p> 	<p>Slope finishing bucket</p> 
<p>★0.45 m<sup>3</sup> SAE heaped bucket</p>	<p>◆0.55 m<sup>3</sup> SAE heaped bucket</p>

Capacity		Width		Weight	Recommendation		
					4.9 m (16' 1") boom		
SAE heaped	CECE heaped	Without side cutter	With side cutter		1.9 m arm (6' 3")	2.1 m arm (6' 11")	2.5 m arm (8' 2")
★0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	1520 mm (59.8")	-	410 kg (900 lb)	●	●	○
◆0.55 m <sup>3</sup> (0.72 yd <sup>3</sup> )	0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	1800 mm (70.9")	-	585 kg (1290 lb)	●	○	○

★ : Ditch cleaning bucket    ◆ : Slope finishing bucket

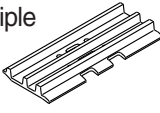
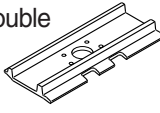
- Applicable for materials with density of 2000 kgf/m<sup>3</sup> (3370 lbf/yd<sup>3</sup>) or less
- Applicable for materials with density of 1600 kgf/m<sup>3</sup> (2700 lbf/yd<sup>3</sup>) or less
- Applicable for materials with density of 1100 kgf/m<sup>3</sup> (1850 lbf/yd<sup>3</sup>) or less

## 7. UNDERCARRIAGE

### 1) TRACKS

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

### 2) TYPES OF SHOES

Model	Shapes		Grouser		
			Triple 	※600 (24)	Double 
HX140 LC	Shoe width	mm (in)	500 (20)	※600 (24)	700 (28)
	Operating weight	kg (lb)	13840 (30510)	14050 (30975)	14260 (31440)
	Ground pressure	kgf/cm <sup>2</sup> (psi)	0.43 (6.07)	0.36 (5.13)	0.31 (4.47)
	Overall width	mm (ft-in)	2500 (8' 2")	2600 (8' 6")	2700 (8' 10")
HX140 LC DOZER BLADE	Shoe width	mm (in)	500 (20)	※600 (24)	700 (28)
	Operating weight	kg (lb)	14660 (32320)	14870 (32780)	15080 (33245)
	Ground pressure	kgf/cm <sup>2</sup> (psi)	0.45 (6.43)	0.38 (5.43)	0.33 (4.72)
	Overall width	mm (ft-in)	2500 (8' 2")	2600 (8' 6")	2700 (8' 10")
HX140 LC HIGH WALKER	Shoe width	mm (in)	★700 (28)	※800 (32)	☆960 (38)
	Operating weight	kg (lb)	16715 (36850)	16950 (37370)	17220 (37960)
	Ground pressure	kgf/cm <sup>2</sup> (psi)	0.36 (5.16)	0.32 (4.58)	0.27 (3.88)
	Overall width	mm (ft-in)	2750 (9' 0")	2840 (9' 4")	3000 (9' 10")

※ : Standard    ☆ : Single grouser    ★ : Double grouser

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

Item	Quantity	
	HX140 LC	HX140 LC HIGH WALKER
Carrier rollers	1 EA	2 EA
Track rollers	7 EA	7 EA
Track shoes	46 EA	47 EA

#### 4) SELECTION OF TRACK SHOE

Suitable track shoes should be selected according to operating conditions.

##### Method of selecting shoes

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

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

※ **Table 1**

Track shoe	Specification	Category
600 mm triple grouser	Standard	A
500 mm triple grouser	Option	A
700 mm triple grouser	Option	B
700 mm triple grouser	HX140 LC HW only	B
800 mm triple grouser	HX140 LC HW only	B
960 mm single grouser	HX140 LC HW only	B

※ **Table 2**

Category	Applications	Applications
A	Rocky ground, river beds, normal soil	<ul style="list-style-type: none"> <li>· Travel at low speed on rough ground with large obstacles such as boulders or fallen trees</li> </ul>
B	Normal soil, soft ground	<ul style="list-style-type: none"> <li>· These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees</li> <li>· Travel at high speed only on flat ground</li> <li>· Travel slowly at low speed if it is impossible to avoid going over obstacles</li> </ul>

## 8. SPECIFICATIONS FOR MAJOR COMPONENTS

### 1) ENGINE

Item	Specification
Model	Cummins QSF3.8
Type	4-cycle turbocharged charge air cooled diesel engine
Cooling method	Water cooling
Number of cylinders and arrangement	4 cylinders, in-line
Firing order	1-3-4-2
Combustion chamber type	Direct injection type
Cylinder bore × stroke	102 x 115 mm (4.02" x 4.53")
Piston displacement	3800 cc (229 cu in)
Compression ratio	17.2 : 1
Rated net horse power (SAE J1349)	127 Hp (95 kW) at 2200 rpm
Rated gross horse power (SAE J1995)	130 Hp (97 kW) at 2200 rpm
Maximum torque	50 kgf · m (360 lbf · ft) at 1600 rpm
Engine oil quantity	12 liter (3.2 U.S. gal)
Weight (wet)	348 kg (767 lb)
High idling speed	2230 ± 50 rpm
Low idling speed	900 ± 50 rpm
Rated fuel consumption	168 g/Hp · hr at 2000 rpm
Starting motor	24 V-4.8 kW
Alternator	28 V-70 A
Battery	2 × 12 V × 100 Ah

### 2) MAIN PUMP

Item	Specification
Type	Variable displacement axial piston pumps
Capacity	2 × 65 cc/rev
Maximum pressure	350 kgf/cm <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)]
Rated oil flow	2 × 126.8 ℓ/min (33.4 U.S. gpm / 27.8 U.K. gpm)
Rated speed	1950 rpm

[ ]: Power boost

### 3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	15cc/rev
Maximum pressure	40 kgf/cm <sup>2</sup> (570 psi)
Rated oil flow	29.2 ℓ /min (7.7 U.S. gpm / 6.4 U.K. gpm)

### 4) MAIN CONTROL VALVE

Item	Specification
Type	11 spools
Operating method	Hydraulic pilot system
Main relief valve pressure	350 kgf/cm <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)]
Overload relief valve pressure	400 kgf/cm <sup>2</sup> (5690 psi)

[ ]: Power boost

### 5) SWING MOTOR

Item	Specification
Type	Fixed displacement axial piston motor
Capacity	72 cc/rev
Relief pressure	285 kgf/cm <sup>2</sup> (4054 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	Minimum 30 kgf · m (217 lbf · ft)
Brake release pressure	15~50 kgf/cm <sup>2</sup> (213~711 psi)
Reduction gear type	2 - stage planetary

### 6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Relief pressure	350 kgf/cm <sup>2</sup> (4980 psi)
Capacity (max / min)	77/44.5 cc/rev
Reduction gear type	2-stage planetary
Braking system	Automatic, spring applied hydraulic released
Brake release pressure	12.5 kgf/cm <sup>2</sup> (178 psi)
Braking torque	33.12 kgf · m (240 lbf · ft)

## 7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Rod dia × Stroke	Ø 105 × Ø 75 × 1075 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Rod dia × Stroke	Ø 115 × Ø 80 × 1138 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Rod dia × Stroke	Ø 100 × Ø 70 × 850 mm
	Cushion	Extend only
Dozer cylinder (opt)	Bore dia × Rod dia × Stroke	Ø 100 × Ø 70 × 250 mm
	Cushion	-
Adjust cylinder (opt)	Bore dia × Rod dia × Stroke	Ø 145 × Ø 90 × 613 mm
	Cushion	-
Adjust boom cylinder (opt)	Bore dia × Rod dia × Stroke	Ø 105 × Ø 75 × 975 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.

## 8) SHOE

Item		Width	Ground pressure	Link quantity	Overall width
HX140 LC	Standard	600 mm (24")	0.36 kgf/cm <sup>2</sup> (5.13 psi)	46	2600 mm ( 8' 6")
	Option	500 mm (20")	0.43 kgf/cm <sup>2</sup> (6.07 psi)	46	2500 mm ( 8' 2")
		700 mm (28")	0.31 kgf/cm <sup>2</sup> (4.47 psi)	46	2700 mm ( 8' 10")
HX140 LC DOZER BLADE	Standard	600 mm (24")	0.38 kgf/cm <sup>2</sup> (5.43 psi)	46	2600 mm ( 8' 6")
	Option	500 mm (20")	0.45 kgf/cm <sup>2</sup> (6.43 psi)	46	2500 mm ( 8' 2")
		700 mm (28")	0.33 kgf/cm <sup>2</sup> (4.72 psi)	46	2700 mm ( 8' 10")
HX140 LC HIGH WALKER	Standard	800 mm (32")	0.32 kgf/cm <sup>2</sup> (4.58 psi)	47	2840 mm ( 9' 4")
	Option	700 mm (28")	0.36 kgf/cm <sup>2</sup> (5.16 psi)	47	2850 mm ( 9' 0")
		960 mm (38")	0.27 kgf/cm <sup>2</sup> (3.88 psi)	47	3000 mm ( 9' 10")

## 9) BUCKET

Item		Capacity		Tooth quantity	Width	
		SAE heaped	CECE heaped		Without side cutter	With side cutter
HX140 LC	Standard	※0.58 m <sup>3</sup> (0.76 yd <sup>3</sup> )	0.50 m <sup>3</sup> (0.65 yd <sup>3</sup> )	5	1030 mm (40.6")	1130 mm (44.5")
	Option	0.23 m <sup>3</sup> (0.30 yd <sup>3</sup> )	0.20 m <sup>3</sup> (0.26 yd <sup>3</sup> )	3	520 mm (20.5")	620 mm (24.4")
		0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	0.35 m <sup>3</sup> (0.46 yd <sup>3</sup> )	4	760 mm (29.9")	860 mm (33.9")
		0.46 m <sup>3</sup> (0.60 yd <sup>3</sup> )	0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	4	850 mm (33.5")	950 mm (37.4")
		0.52 m <sup>3</sup> (0.68 yd <sup>3</sup> )	0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	5	935 mm (36.8")	1035 mm (40.8")
		0.65 m <sup>3</sup> (0.85 yd <sup>3</sup> )	0.55 m <sup>3</sup> (0.72 yd <sup>3</sup> )	5	1110 mm (43.7")	1210 mm (47.6")
		0.71 m <sup>3</sup> (0.93 yd <sup>3</sup> )	0.60 m <sup>3</sup> (0.78 yd <sup>3</sup> )	5	1205 mm (47.4")	1305 mm (51.4")
		★0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	0.40 m <sup>3</sup> (0.52 yd <sup>3</sup> )	-	1520 mm (59.8")	-
		◆0.55 m <sup>3</sup> (0.72 yd <sup>3</sup> )	0.45 m <sup>3</sup> (0.59 yd <sup>3</sup> )	-	1800 mm (70.9")	-

★ : Standard   ★ : Ditch cleaning bucket   ◆ : Slope finishing bucket

## 9. RECOMMENDED OILS

HYUNDAI 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 HYUNDAI and, therefore, will meet the highest safety and quality requirements.

We recommend that you use only HYUNDAI genuine lubricating oils and grease officially approved by HYUNDAI.

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★ <sup>3</sup>	12 (3.2)	★SAE 0W-40							
			★SAE 0W-30							
			SAE 5W-30							
			SAE 10W-30							
			SAE 15W-40							
DEF/ AdBlue® Tank	Mixture of urea and deionized water	19 (5.0)	ISO 22241, High-purity urea + deionized water (32.5:67.5)							
Swing drive	Gear oil	TYPE 1 : 3.5 (0.9)	★SAE 75W-90							
Final drive		TYPE 2 : 2.5 (0.7)								
		2.3 (0.6)	SAE 80W-90							
Hydraulic tank	Hydraulic oil	Tank : 124 (32.8) System : 210 (55.5)	★ISO VG 15							
			ISO VG 32							
			ISO VG 46, HBHO VG 46★ <sup>3</sup>							
			ISO VG 68							
Fuel tank	Diesel fuel★ <sup>1</sup>	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★ <sup>2</sup>	15.5 (4.1)	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)

★<sup>1</sup> : Ultra low sulfur diesel  
- sulfur content ≤ 15 ppm

★<sup>2</sup> : Soft water  
City water or distilled water

★<sup>3</sup> : Hyundai Bio Hydraulic Oil

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

※ Do not mix HYUNDAI 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 HYUNDAI genuine lubricating oils and grease for use in regions with extremely low temperatures, please contact HYUNDAI dealers.