

# SECTION 1 GENERAL



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# SECTION 1 GENERAL

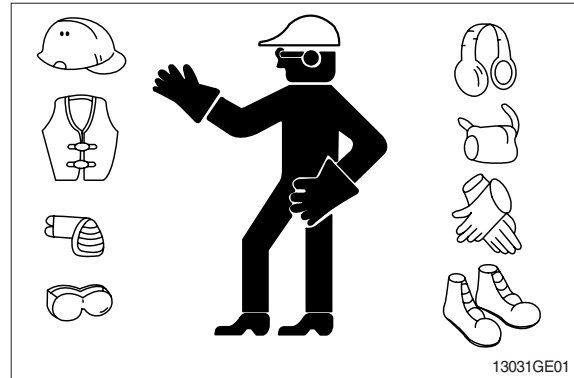
## GROUP 1 SAFETY

### FOLLOW SAFE PROCEDURE

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

### WEAR PROTECTIVE CLOTHING

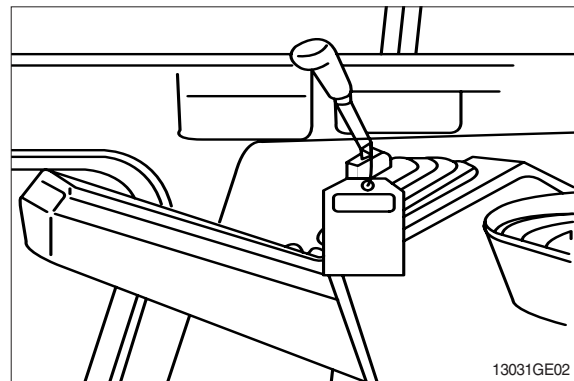
Wear close fitting clothing and safety equipment appropriate to the job.



### WARN OTHERS OF SERVICE WORK

Unexpected machine movement can cause serious injury.

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



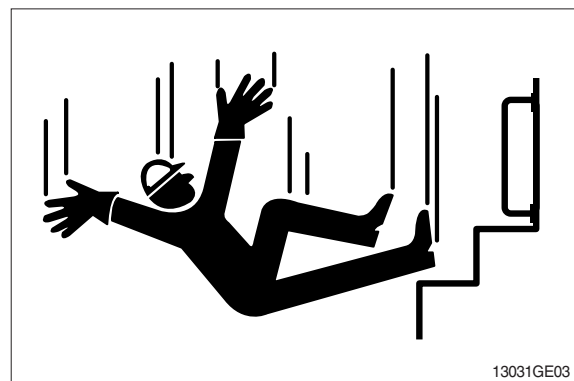
### USE HANDHOLDS AND STEPS

Falling is one of the major causes of personal injury.

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

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

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

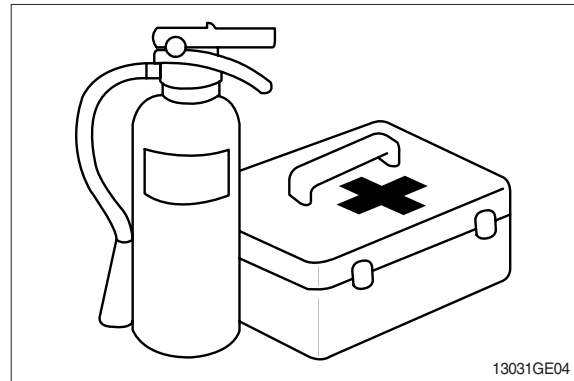


## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

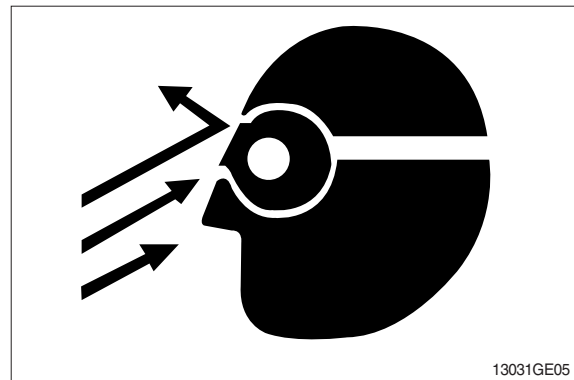
Keep a first aid kit and fire extinguisher handy.

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



## PROTECT AGAINST FLYING DEBRIS

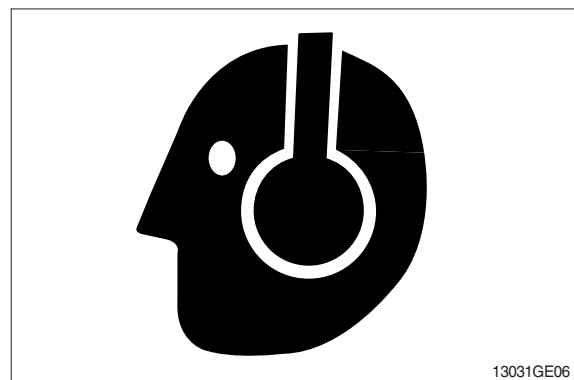
Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



## PROTECT AGAINST NOISE

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

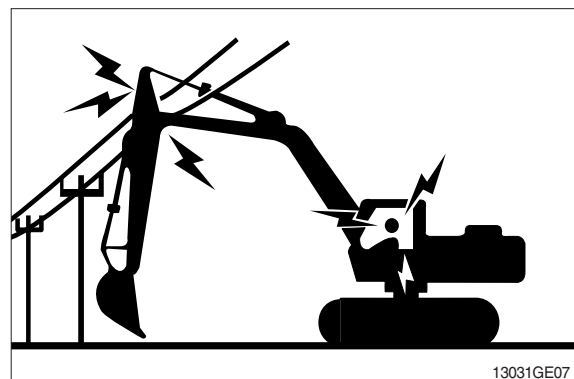
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



## AVOID POWER LINES

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

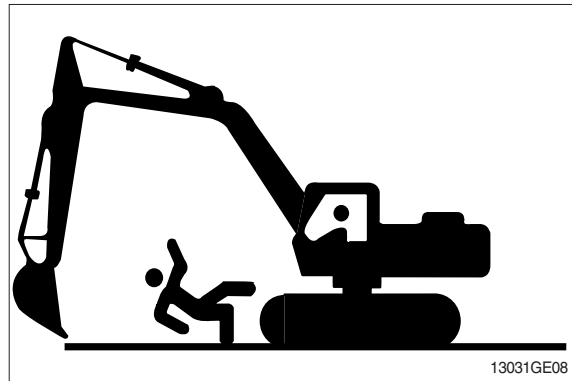
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



## KEEP RIDERS OFF EXCAVATOR

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

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

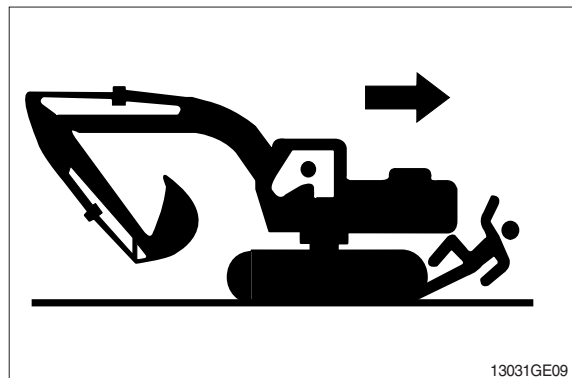


## MOVE AND OPERATE MACHINE SAFELY

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

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

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



## OPERATE ONLY FROM OPERATOR'S SEAT

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

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



## PARK MACHINE SAFELY

Before working on the machine:

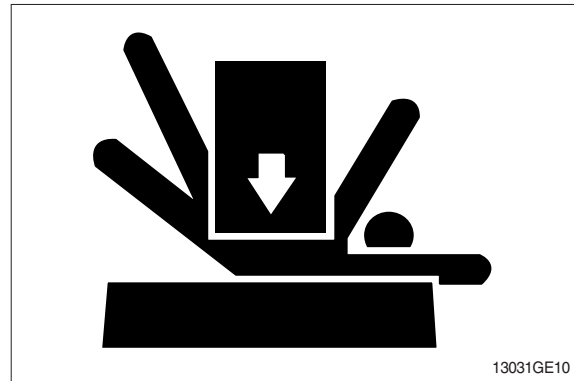
- Park machine on a level surface.
- Lower bucket to the ground.
- Turn auto idle switch off.
- Run engine at 1/2 speed without load for 2 minutes.
- Turn key switch to OFF to stop engine. Remove key from switch.
- Move pilot control shutoff lever to locked position.
- Allow engine to cool.

## SUPPORT MACHINE PROPERLY

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

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

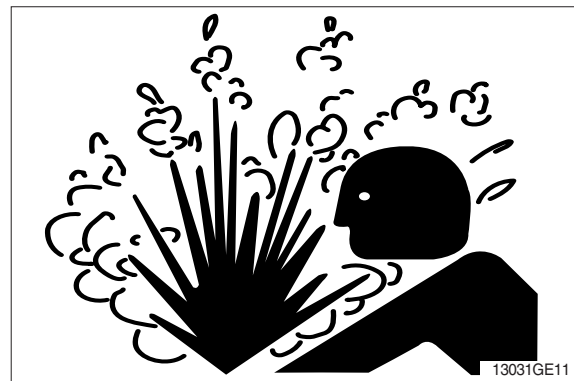
Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



## SERVICE COOLING SYSTEM SAFELY

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

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



## HANDLE FLUIDS SAFELY-AVOID FIRES

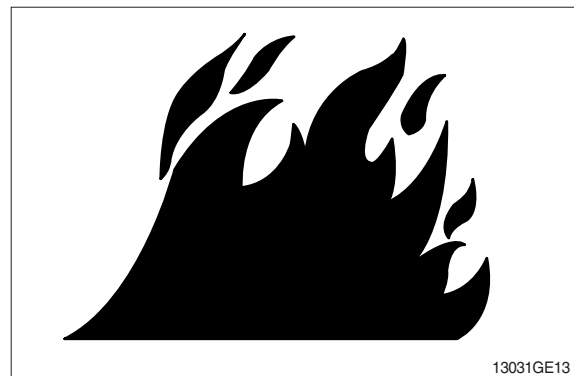
Handle fuel with care; It is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks. Always stop engine before refueling machine. Fill fuel tank outdoors.



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

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

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



## BEWARE OF EXHAUST FUMES

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

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

## REMOVE PAINT BEFORE WELDING OR HEATING

Avoid potentially toxic fumes and dust.

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

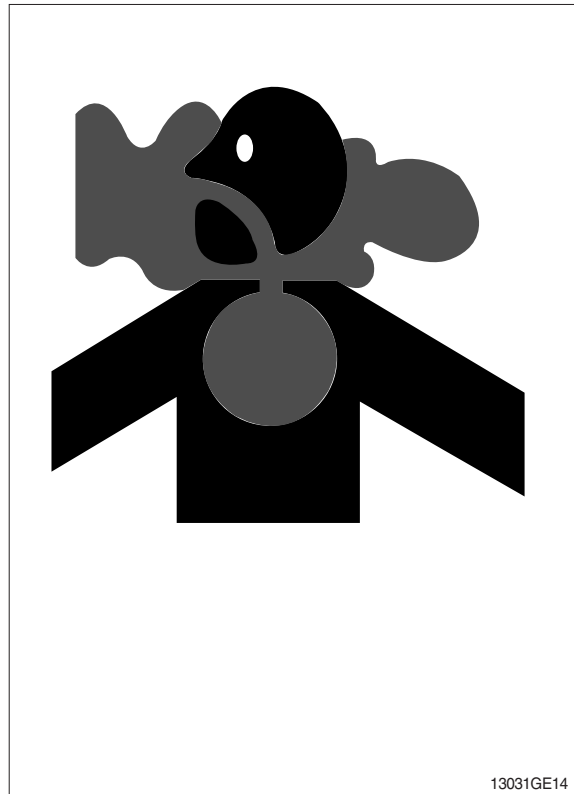
Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

Remove paint before welding or heating:

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

## ILLUMINATE WORK AREA SAFELY

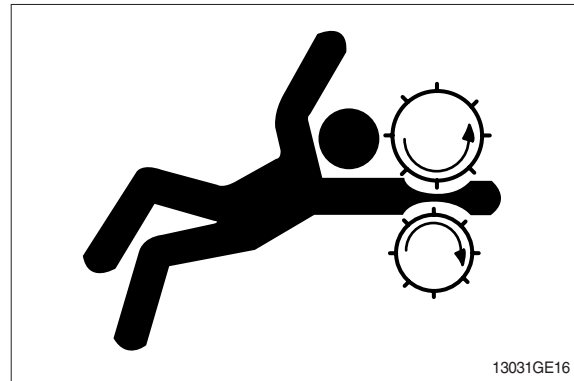
Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.



## 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.

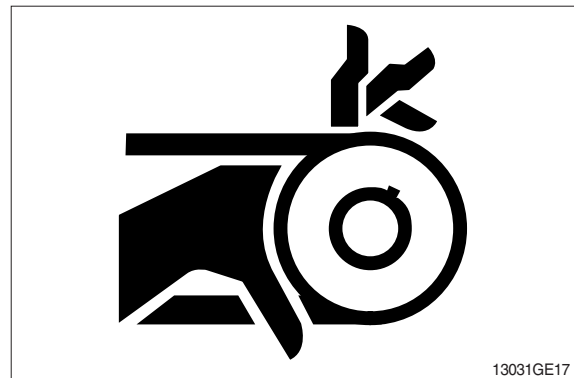
Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



## STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

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



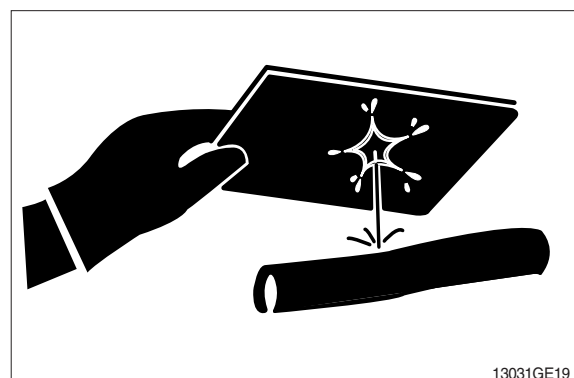
## AVOID HIGH PRESSURE FLUIDS

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.

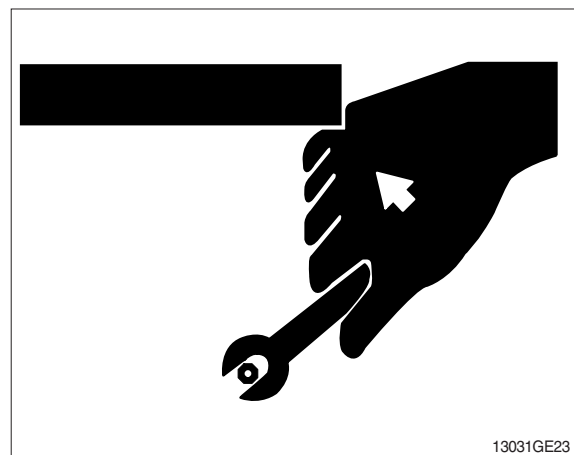
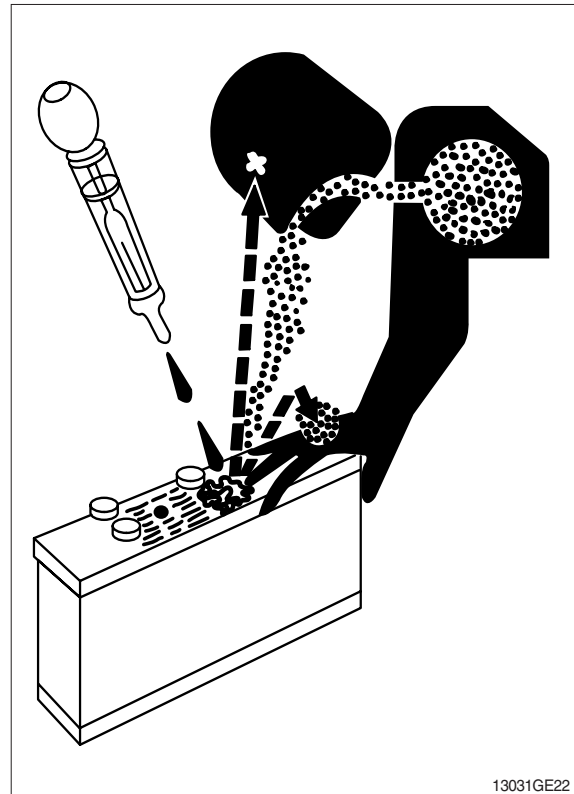
## USE TOOLS PROPERLY

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.)

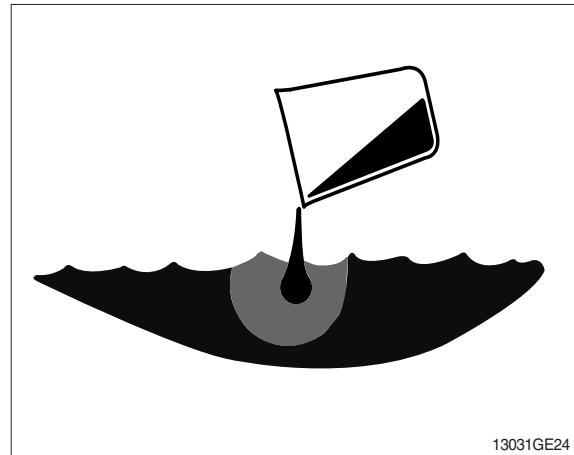


## DISPOSE OF FLUIDS PROPERLY

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.

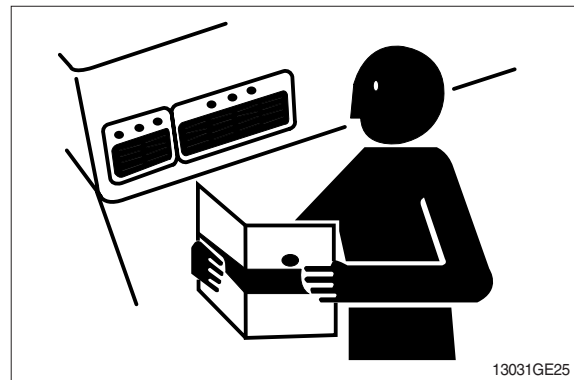
Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

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.

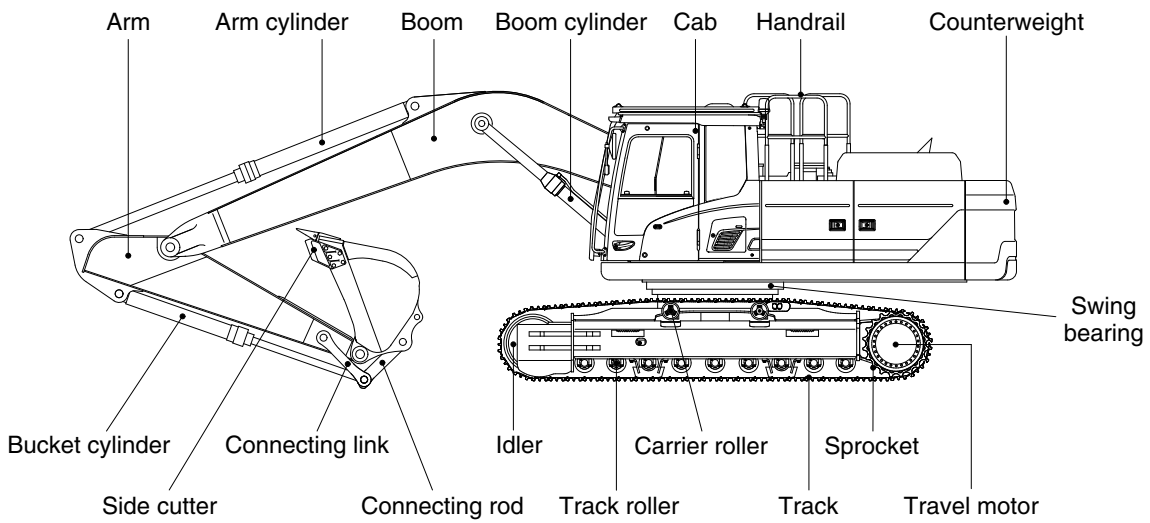
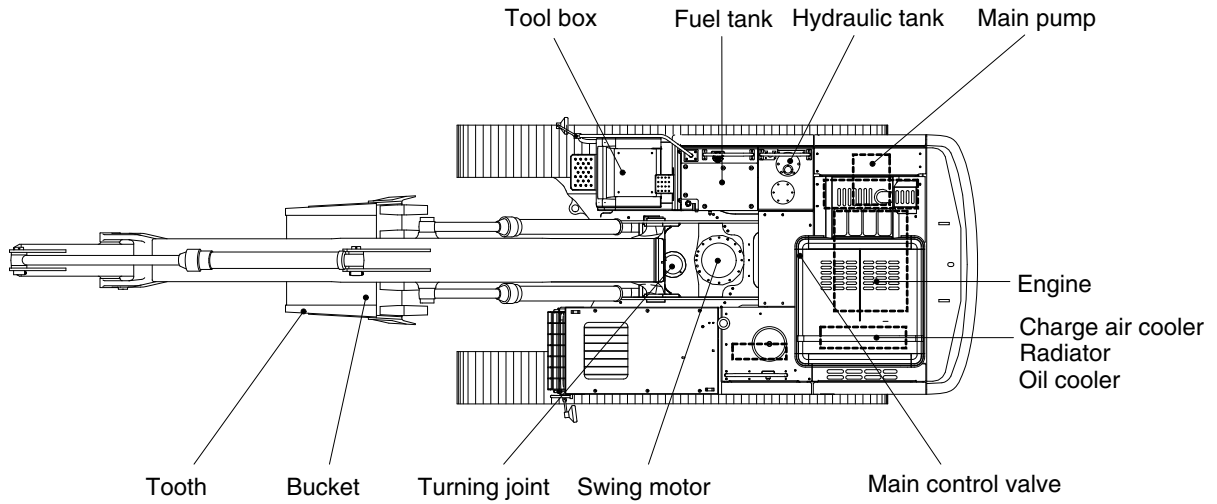


## LIVE WITH SAFETY

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

# GROUP 2 SPECIFICATIONS

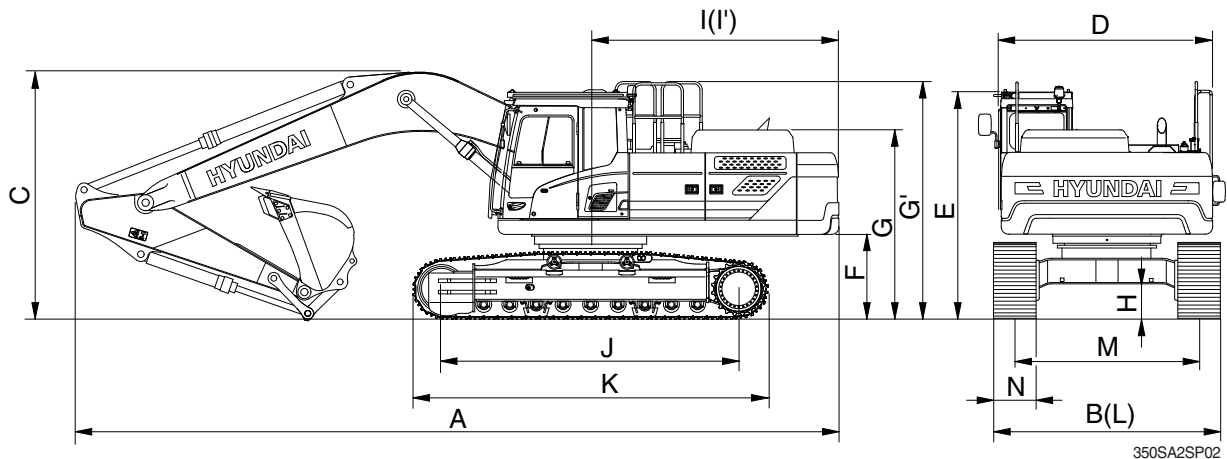
## 1. MAJOR COMPONENT



350SA2SP01

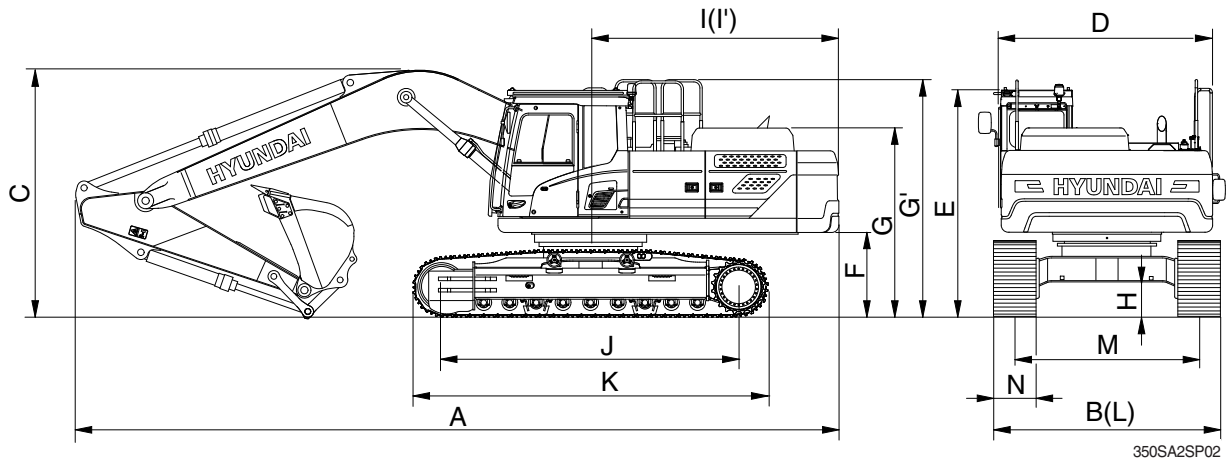
## 2. SPECIFICATIONS

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



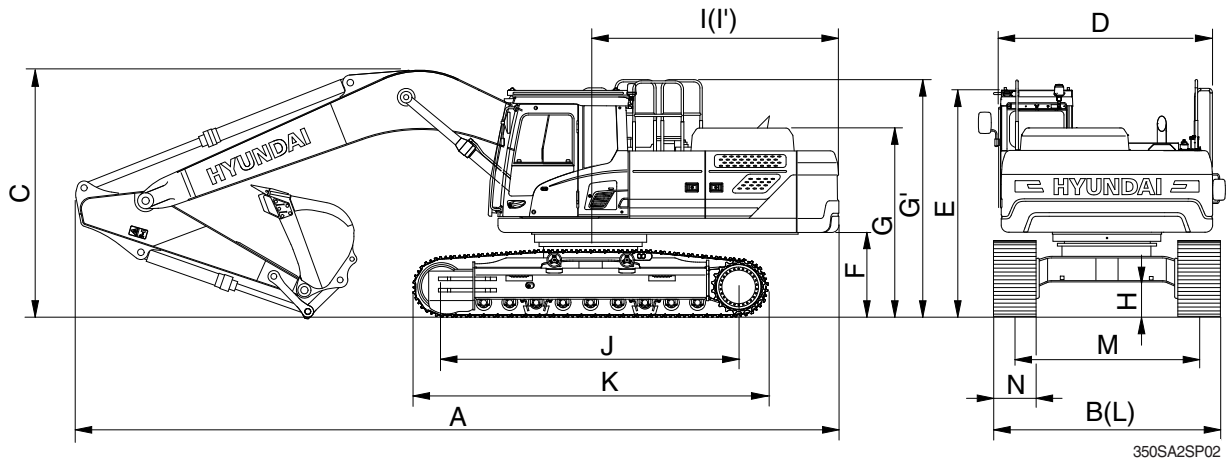
Description	Unit		Specification			
	m (ft-in)	Boom	6.45 (21' 2")			
		Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
mm (in)	Shoe	600 (24)				
Operating weight	kg (lb)	33680 (74096)	33460 (73612)	33570 (73854)	33900 (74580)	
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3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

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



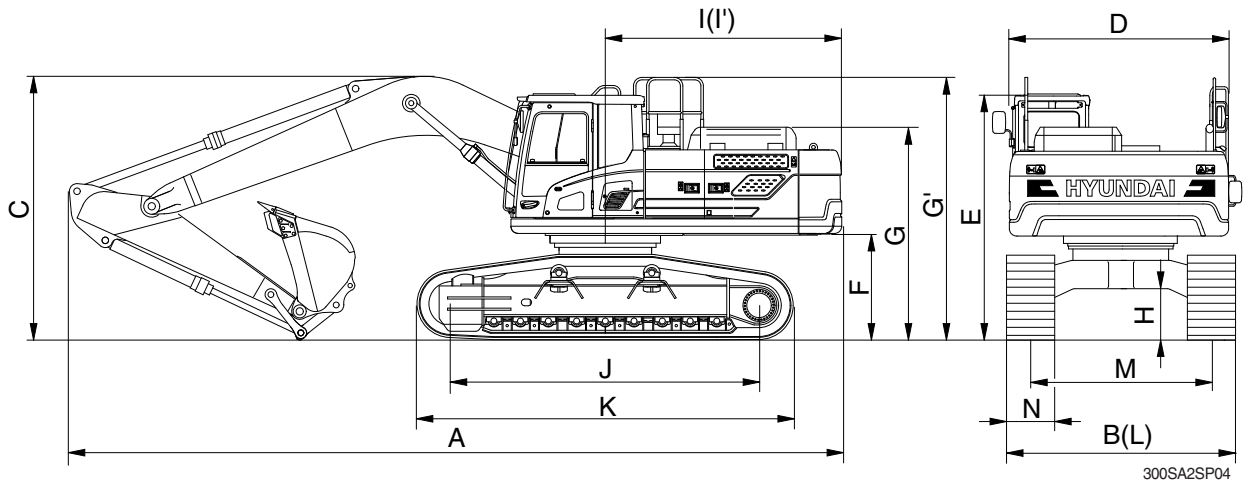
Description	Unit		Specification	
	m (ft-in)	Boom	6.15 (20' 2")	
		Arm	2.20 (7' 3")	2.50 (8' 2")
	mm (in)	Shoe	600 (24)	
Operating weight	kg (lb)	33410 (73502)	33520 (73744)	
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )	1.44 (1.88)	1.44 (1.88)	
Overall length	A	11230 (36' 3")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

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



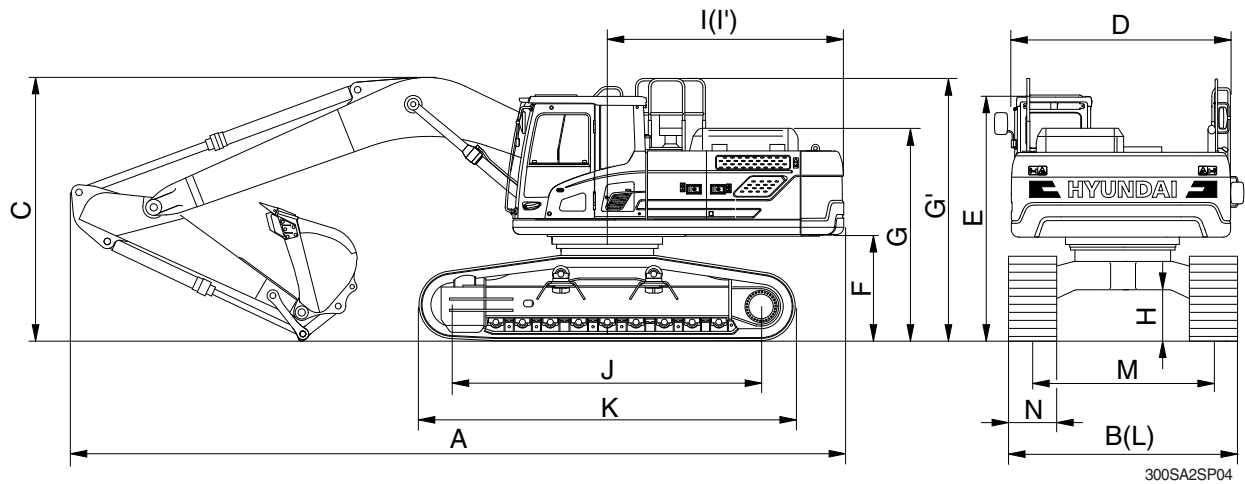
Description	Unit		Specification			
	m (ft-in)	Boom	6.45 (21' 2")			
		Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
	mm (in)	Shoe	600 (24)			
Operating weight	kg (lb)		33680 (74096)	33460 (73612)	33570 (73854)	33900 (74580)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3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

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



300SA2SP04

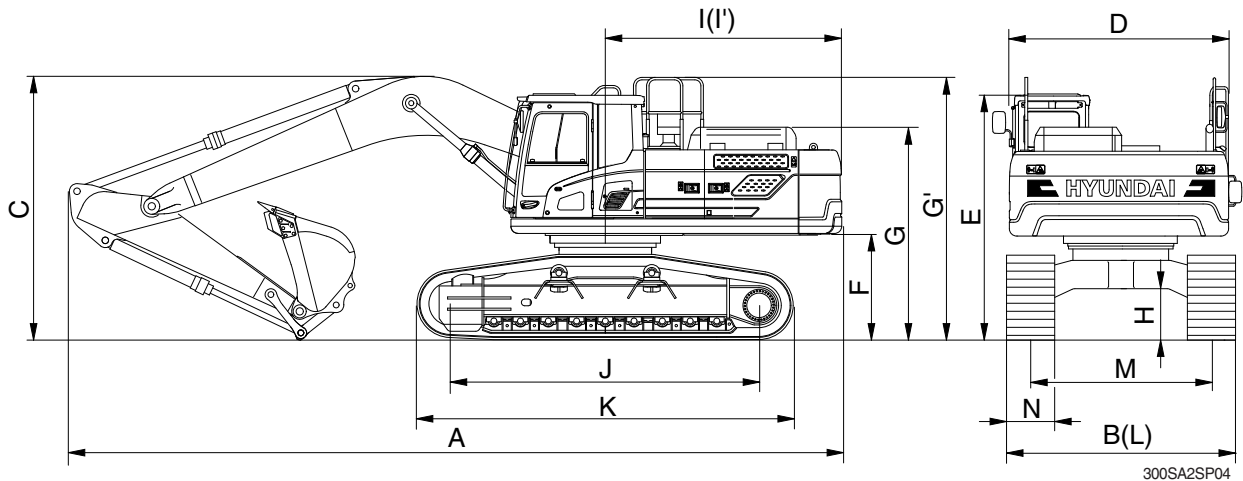
Description	Unit		Specification			
	m (ft-in)	Boom	6.45 (21' 2")			
		Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
mm (in)	Shoe	700 (28")				
Operating weight	kg (lb)	37100 (81620)	36890 (81158)	37000 (81400)	37330 (82126)	
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3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



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



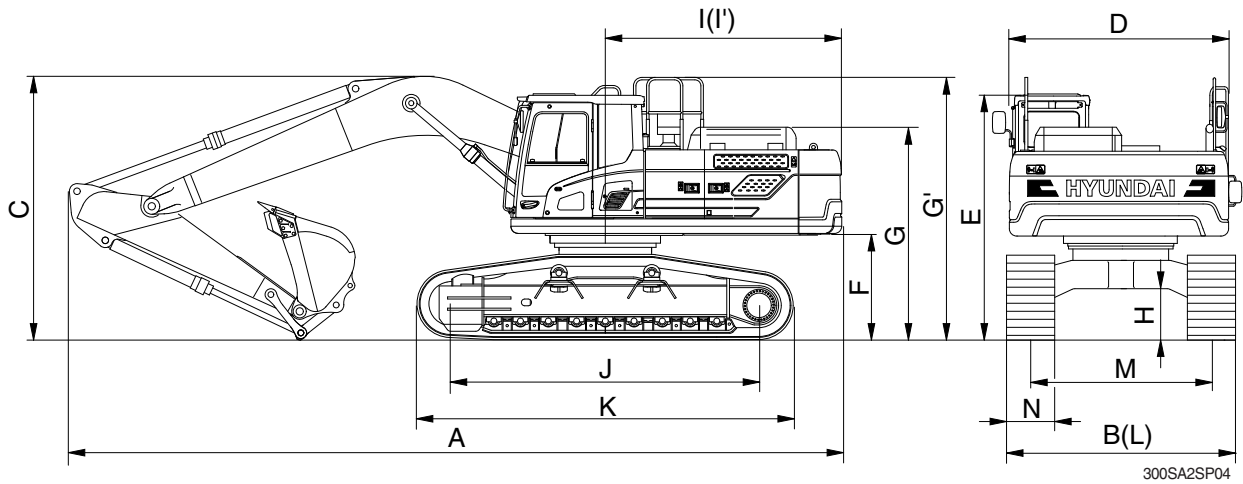
### 5) HX350LT3 HW, 6.15m (20' 2") HD SHORT BOOM



300SA2SP04

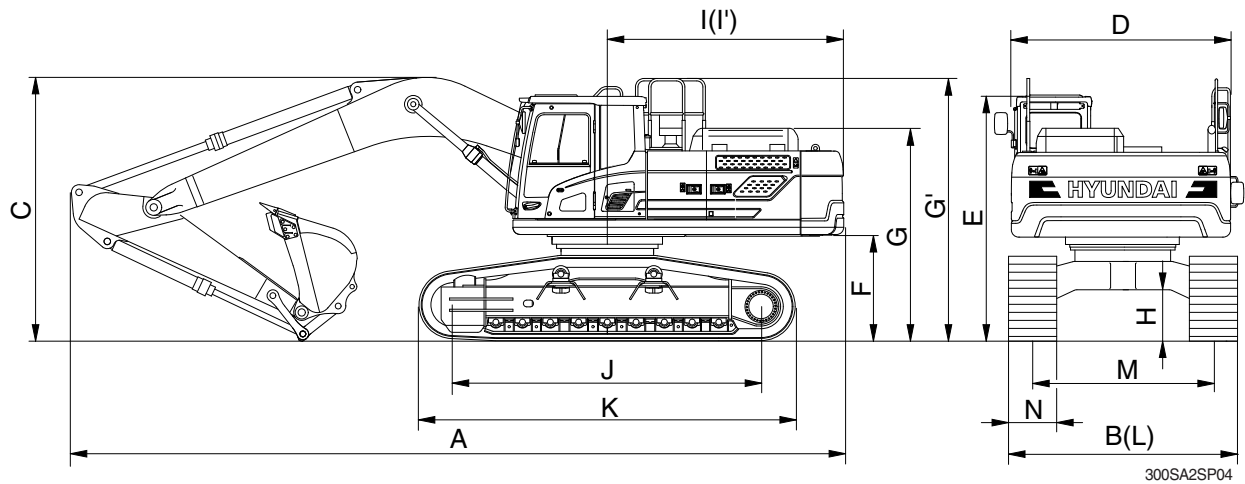
Description	Unit		Specification			
	m (ft-in)	Boom	6.15 (20' 2")			
		Arm	2.20 (7' 3")		2.50 (8' 2")	
	mm (in)	Shoe	700 (28")	600 (24")	700 (28")	600 (24")
Operating weight	kg (lb)		36840 (81048)	35280 (77780)	36950 (81290)	35390 (78022)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3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

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



300SA2SP04

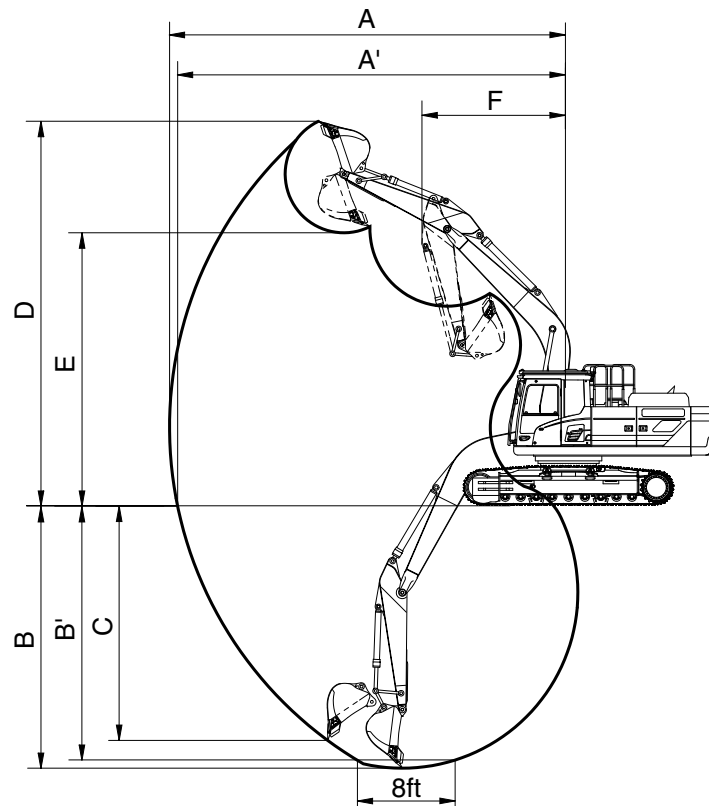
Description	Unit		Specification			
	m (ft-in)	Boom	6.45 (21' 2")			
		Arm	3.20 (10' 6")	2.20 (7' 3")	2.50 (8' 2")	4.05 (13' 3")
mm (in)	Shoe	700 (28")				
Operating weight	kg (lb)	37100 (81620)	36890 (81158)	37000 (81400)	37330 (82126)	
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3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



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

### 3. WORKING RANGE AND DIGGING FORCE

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

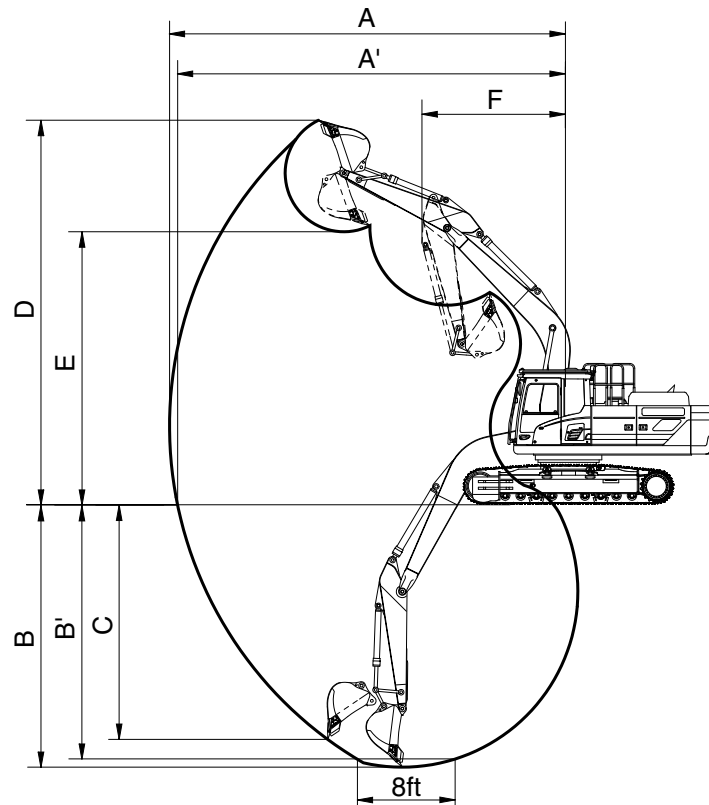


350SA2SP10

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

[ ] : Power boost

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

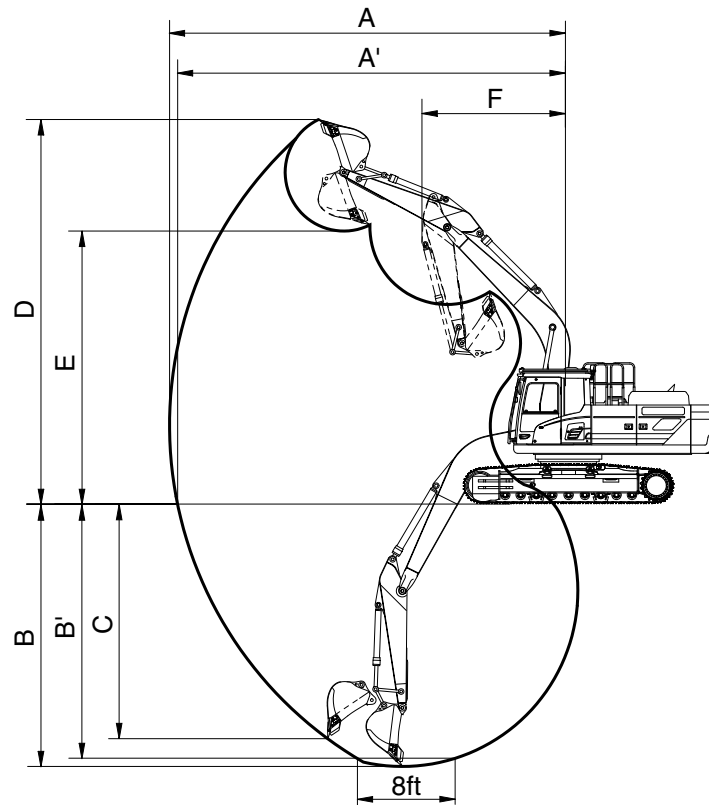


350SA2SP10

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

[ ] : Power boost

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

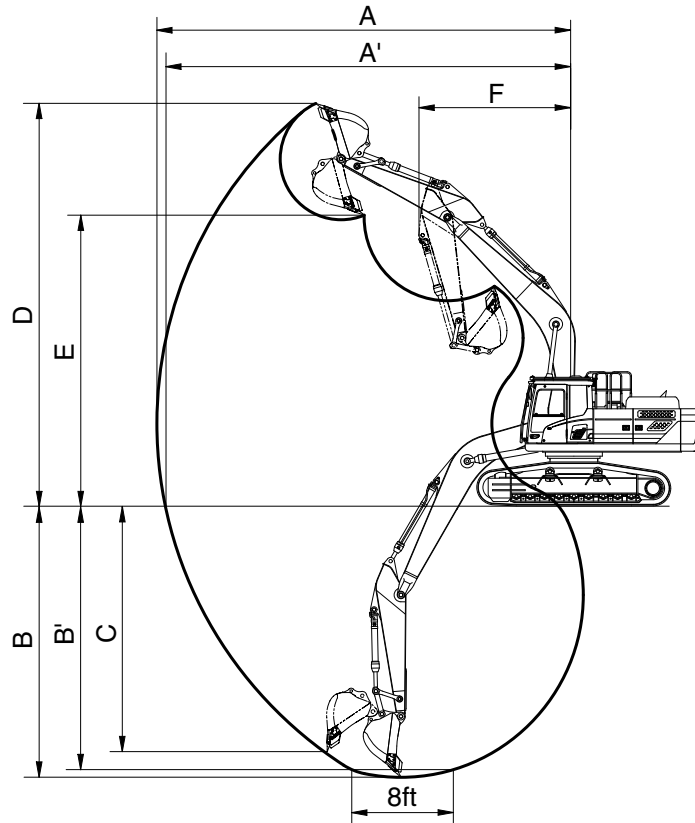


350SA2SP10

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

[ ] : Power boost

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

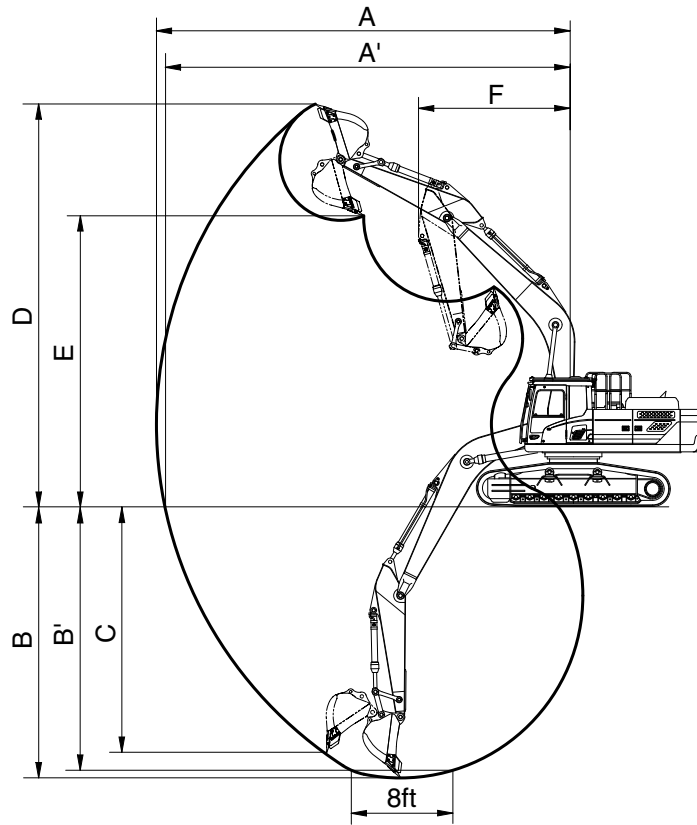


350SA2SP13

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

[ ] : Power boost

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



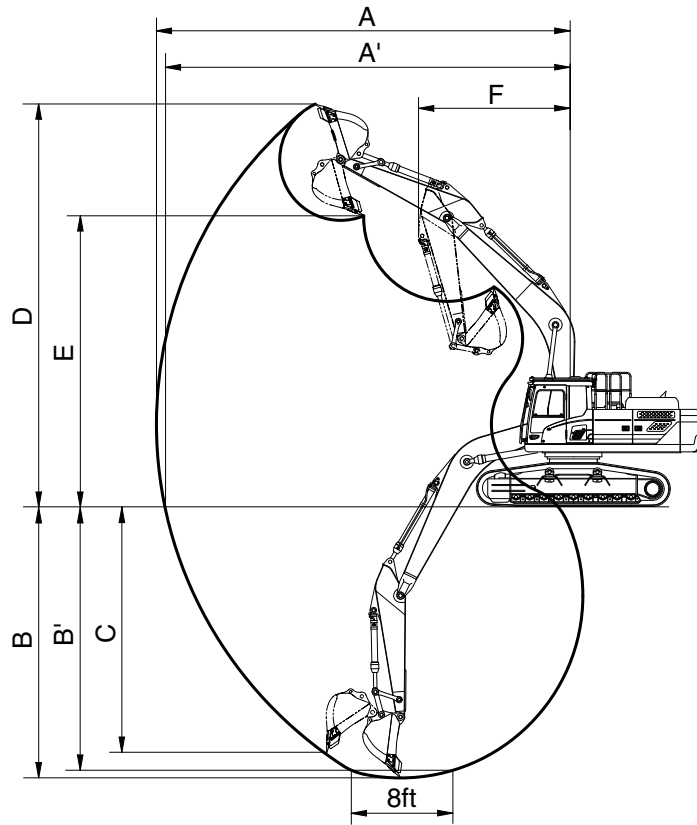
350SA2SP13

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

[ ] : Power boost



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



350SA2SP13

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

[ ] : Power boost

#### 4. WEIGHT

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

\* : 600 mm triple grouser shoe

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

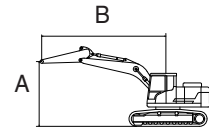
※ Refer to Transportation for actual weight information and Specifications for operating weight.














## 5. LIFTING CAPACITIES

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

•  : Rating over-front

•  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

- Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

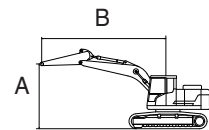
Failure to comply to the rated load can cause possible personal injury or property damage.











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

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

·  : Rating over-front

·  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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

4. \*Indicates load limited by hydraulic capacity.

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

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

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

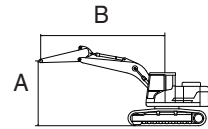
Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX350LT3	MONO BOOM	6450	4050	6600	600	-	-	-	-	-



: Rating over-front



: Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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

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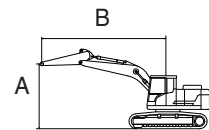
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




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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX350LT3	HD MONO BOOM	6150	2200	6600	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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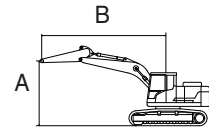
Failure to comply to the rated load can cause possible personal injury or property damage.















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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX350LT3	HD MONO BOOM	6150	2500	6600	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

Consult your 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.

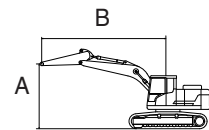
Make adjustments to the rated load as necessary for non-standard configurations.















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

·  : Rating over-front

·  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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

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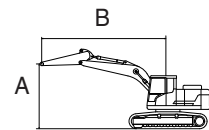
Make adjustments to the rated load as necessary for non-standard configurations.















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

·  : Rating over-front

·  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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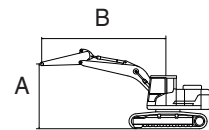
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







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

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

•  : Rating over-front

•  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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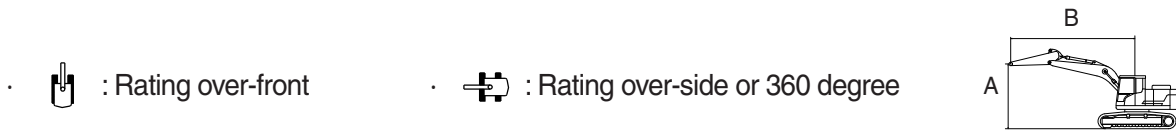
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








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.

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



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

- Note
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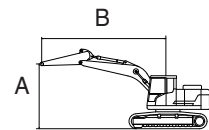
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












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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX350LT3 HW	MONO BOOM	6450	4050	6000	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)		9.0 m (29.5 ft)		Capacity	Reach			
															m (ft)		
9.0 m (29.5 ft)	kg																
	lb																
7.5 m (24.6 ft)	kg																
	lb																
6.0 m (19.7 ft)	kg																
	lb																
4.5 m (14.8 ft)	kg																
	lb																
3.0 m (9.8 ft)	kg																
	lb																
1.5 m (4.9 ft)	kg																
	lb																
0.0 m (0.0 ft)	kg																
	lb																
-1.5 m (-4.9 ft)	kg																
	lb																
-3.0 m (-9.8 ft)	kg																
	lb																
-4.5 m (-14.8 ft)	kg																
	lb																
-6.0 m (-19.7 ft)	kg																
	lb																

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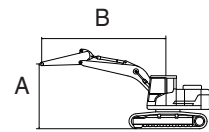
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









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

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

·  : Rating over-front

·  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

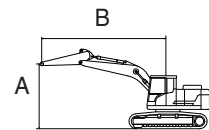
Failure to comply to the rated load can cause possible personal injury or property damage.













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

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

·  : Rating over-front

·  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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.

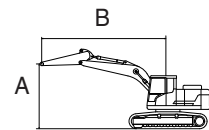
Make adjustments to the rated load as necessary for non-standard configurations.













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

·  : Rating over-front

·  : Rating over-side or 360 degree



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

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

Consult your 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.

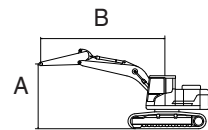
Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX350LT3 HW	HD MONO BOOM	6450	2500	6000	700	-	-	-	-	-



: Rating over-front



: Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
											m (ft)	
7.5 m (24.6 ft)	kg									*8700	8510	7.15
	lb									*19180	18760	(23.4)
6.0 m (19.7 ft)	kg				*9440	*9440	*8690	7790	*8640	6930	8.04	
	lb				*20810	*20810	*19160	17170	*19050	15280	(26.4)	
4.5 m (14.8 ft)	kg		*14270	*14270	*10800	10610	*9250	7570	8580	6130	8.57	
	lb		*31460	*31460	*23810	23390	*20390	16690	18920	13510	(28.1)	
3.0 m (9.8 ft)	kg				*12320	10060	*9990	7310	8080	5740	8.81	
	lb				*27160	22180	*22020	16120	17810	12650	(28.9)	
1.5 m (4.9 ft)	kg				*13440	9660	10100	7080	8000	5660	8.79	
	lb				*29630	21300	22270	15610	17640	12480	(28.8)	
0.0 m (0.0 ft)	kg		*18780	14520	*13880	9460	9950	6950	8330	5870	8.51	
	lb		*41400	32010	*30600	20860	21940	15320	18360	12940	(27.9)	
-1.5 m (-4.9 ft)	kg	*14350	*14350	*17830	14610	*13550	9450	9960	6950	9230	6480	7.92
	lb	*31640	*31640	*39310	32210	*29870	20830	21960	15320	20350	14290	(26.0)
-3.0 m (-9.8 ft)	kg	*20680	*20680	*15900	14860	*12180	9610			*10000	7860	6.97
	lb	*45590	*45590	*35050	32760	*26850	21190			*22050	17330	(22.9)
-4.5 m (-14.8 ft)	kg			*12050	*12050					*9680	*9680	5.44
	lb			*26570	*26570					*21340	*21340	(17.9)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ 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.



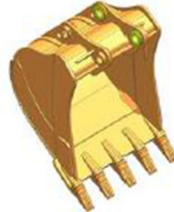
## 6. BUCKET SELECTION GUIDE

### 1) HX350LT3

(1) 6000 kg counterweight



General bucket



Heavy duty  
(without side cutter)



Rock heavy duty

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

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

(2) 6600 kg counterweight



General bucket



Heavy duty  
(without side cutter)



Rock heavy duty

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

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

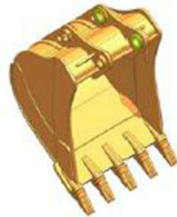
Consult your Hyundai dealer for information on selecting the correct boom—arm—bucket combination.

## 2) HX350LT3, HW

(1) 6000 kg counterweight



General bucket



Heavy duty  
(without side cutter)



Rock heavy duty

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

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

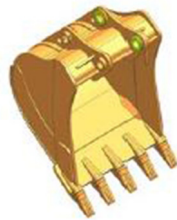
Select an optimum combination according to the working conditions and the type of work that is being done.

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

(2) 6600 kg counterweight



General bucket



Heavy duty  
(without side cutter)



Rock heavy duty

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

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

## 7. UNDERCARRIAGE

### 1) TYPES OF SHOES

Model	Description	Unit		Triple grouser								Double grouser	
	width	mm	(in)	600	(24)	700	(28)	800	(32)	900	(36)	700	(28)
HX350LT3	Operating weight	kg	(lb)	33680	(74096)	34260	(75372)	34650	(76230)	35040	(77088)	-	-
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.65	(9.22)	0.57	(8.04)	0.50	(7.11)	0.45	(6.39)	-	-
	Overall width	mm	(ft-in)	3280	(10' 9")	3380	(11' 1")	3480	(11' 5")	3580	(11' 9")	-	-
	Link quantity	EA		48		48		48		48		-	
HX350LT3 HW	Operating weight	kg	(lb)	35540	(78350)	-	-	-	-	-	-	37100	(81620)
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.68	(9.73)	-	-	-	-	-	-	0.61	8.69
	Overall width	mm	(ft-in)	3470	(11' 5")	-	-	-	-	-	-	3570	(11' 9")
	Link quantity	EA		48		-		-		-		48	

### 2) SELECTION OF TRACK SHOE

Suitable track shoes should be selected according to operating conditions.

#### Method of selecting shoes

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

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

**Table 1**

Track shoe	Specification	Category
600 mm triple grouser	Standard	A
700 mm triple grouser	Option	B
700 mm double grouser	Option	B
800 mm triple grouser	Option	C
900 mm triple grouser	Option	C

**Table 2**

Category	Applications	Precautions
A	Rocky ground, river beds, normal soil	<ul style="list-style-type: none"><li>· Travel at low speed on rough ground with large obstacles such as boulders or fallen trees or a wide range of general civil engineering work</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>
C	Extremely soft ground (swampy ground)	<ul style="list-style-type: none"><li>· Use the shoes only in the conditions that the machine sinks and it is impossible to use the shoes of category A or B</li><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 QSC 8.3
Type	4-cycle, turbocharged, charge air cooled, electronic controlled diesel engine
Cooling method	Water cooled
Number of cylinders and arrangement	6 cylinders, in-line
Firing order	1-5-3-6-2-4
Combustion chamber type	Direct injection type
Cylinder bore × stroke	114 × 135 mm (4.49" × 5.31")
Piston displacement	8.3 ℓ (506 cu in)
Compression ratio	16.5 : 1
Gross power	280 Hp (209 kW) at 2200 rpm
Net power	275 Hp (205 kW) at 2200 rpm
Maximum torque	138 kgf · m (1000 lbf · ft) at 1500 rpm
Engine oil quantity	35 ℓ (9.2 U.S. gal)
Wet weight	723 kg (1594 lb)
Starting motor	24 V-7.8 kW
Alternator	24 V-95 A

### 2) MAIN PUMP

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

### 3) GEAR PUMP

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

### 4) MAIN CONTROL VALVE

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

[ ] : Power boost

### 5) SWING MOTOR

Item	Specification
Type	Axial piston motor
Capacity	156.9 cc/rev
Relief pressure	300 kgf/cm <sup>2</sup> (4270 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	84.4 kgf · m (610 lbf · ft) over
Brake release pressure	36.5 kgf/cm <sup>2</sup> (519 psi) below
Reduction gear type	2 - stage planetary

### 6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Capacity	282.6/156.9 cc/rev
Relief pressure	350 kgf/cm <sup>2</sup> (4980 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	134 kgf · m (969 lbf · ft)
Brake release pressure	13.2~17.0 kgf/cm <sup>2</sup> (188~242 psi)
Reduction gear type	2-stage planetary



## 7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Stroke	∅ 150 × 1480 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	∅ 160 × 1685 mm ∅ 170 × 1685 mm (6.15 m, 6.45m HD boom only)
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	∅ 140 × 1285 mm ∅ 145 × 1285 mm (2.20 m arm only)
	Cushion	Extend only

- ※ Discoloration of cylinder rod can occur when the friction reduction additive of lubrication oil spreads on the rod surface.
- ※ Discoloration does not cause any harmful effect on the cylinder performance.

## 9. RECOMMENDED OILS

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	30 (7.9)	★SAE 5W-40				SAE 30			
			SAE 10W				SAE 10W-30			
			SAE 15W-40							
Swing drive	Gear oil	11 (2.91)	★SAE 75W-90							
Final drive		7.8×2 (2.1×2)	SAE 80W-90							
Hydraulic tank	Hydraulic oil	Tank : 210 (55.5) System : 414 (107)	★ISO VG 15				ISO VG 32			
			ISO VG 46				ISO VG 68			
Fuel tank	Diesel fuel	600 (159)	★ASTM D975 NO.1				ASTM D975 NO.2			
Fitting (grease nipple)	Grease	As required	★NLGI NO.1				NLGI NO.2			
Radiator (reservoir tank)	Mixture of antifreeze and soft water★1	55 (14.5)	Ethylene glycol base permanent type (50 : 50)				★Ethylene glycol base permanent type (60 : 40)			

**SAE** : Society of Automotive Engineers

**API** : American Petroleum Institute

**ISO** : International Organization for Standardization

**NLGI** : National Lubricating Grease Institute

**ASTM** : American Society of Testing and Material

★ : Cold region

Russia, CIS, Mongolia

★1 : Soft water

City water or distilled water

※ Using any lubricating oils other than 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.

※ For HYUNDAI genuine lubricating oils and grease for use in regions with extremely low temperatures, please contact HYUNDAI dealers.