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SECTION 1 GENERAL

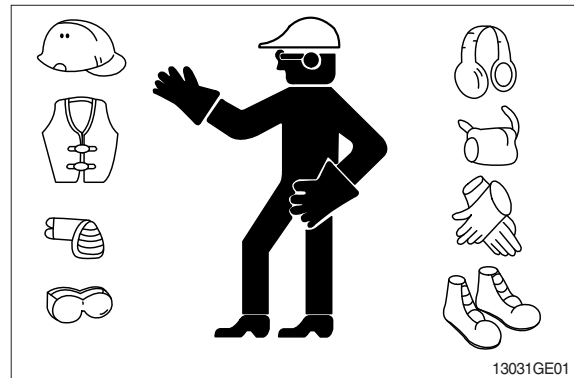
GROUP 1 SAFETY

FOLLOW SAFE PROCEDURE

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

WEAR PROTECTIVE CLOTHING

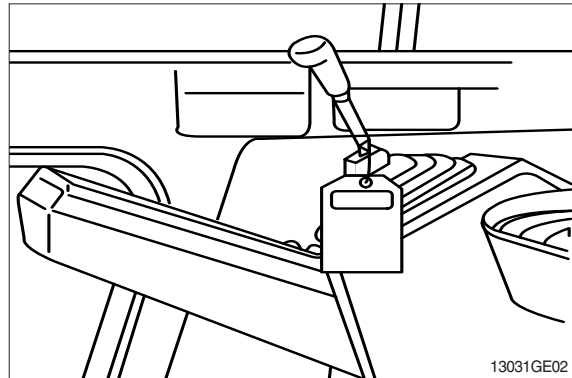
Wear close fitting clothing and safety equipment appropriate to the job.



WARN OTHERS OF SERVICE WORK

Unexpected machine movement can cause serious injury.

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



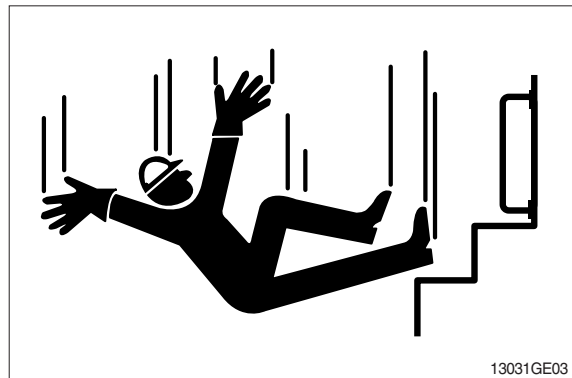
USE HANDHOLDS AND STEPS

Falling is one of the major causes of personal injury.

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

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

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

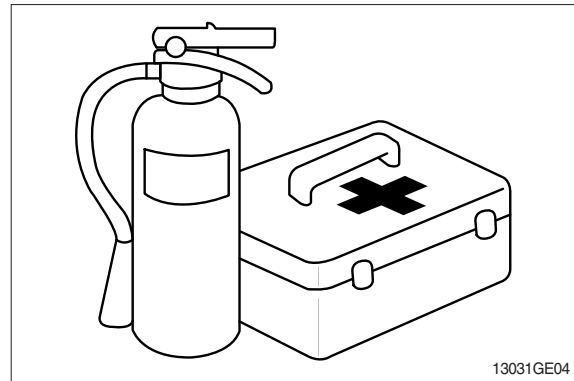


PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

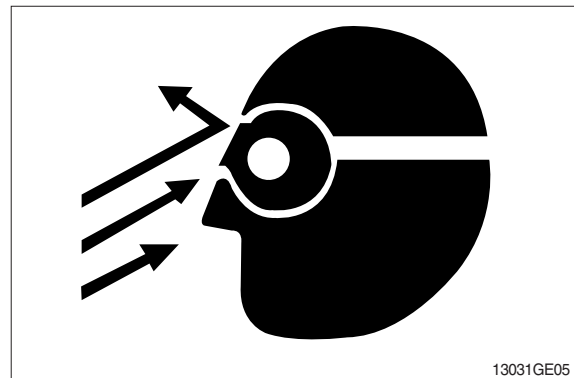
Keep a first aid kit and fire extinguisher handy.

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



PROTECT AGAINST FLYING DEBRIS

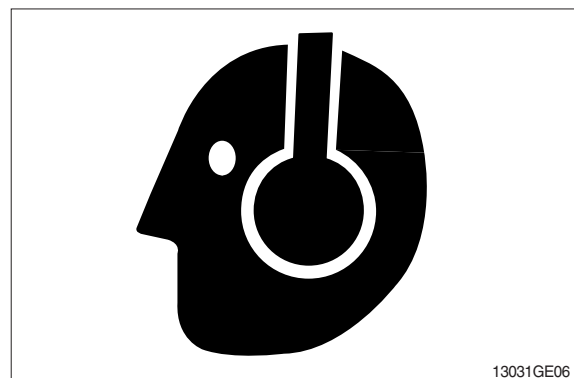
Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



PROTECT AGAINST NOISE

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

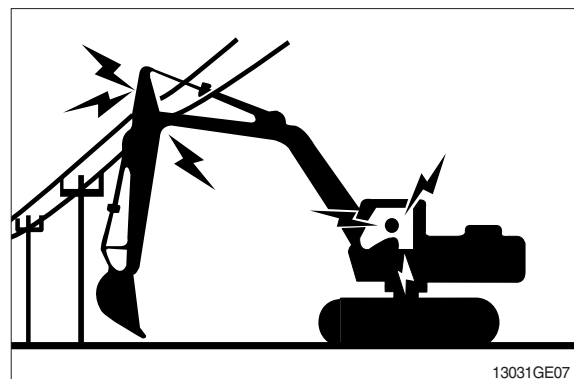
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



AVOID POWER LINES

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

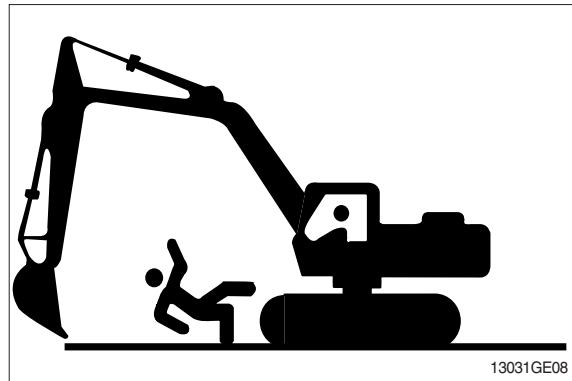
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



KEEP RIDERS OFF EXCAVATOR

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

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

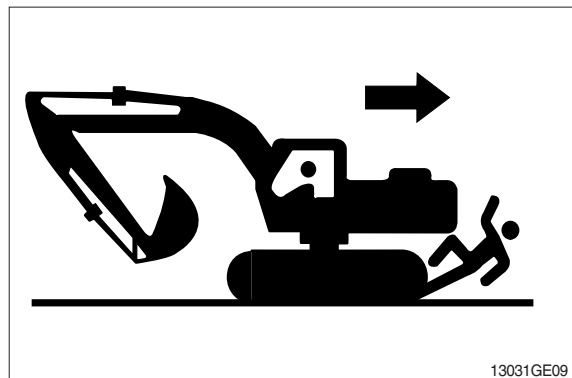


MOVE AND OPERATE MACHINE SAFELY

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

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

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



OPERATE ONLY FROM OPERATOR'S SEAT

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

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



PARK MACHINE SAFELY

Before working on the machine:

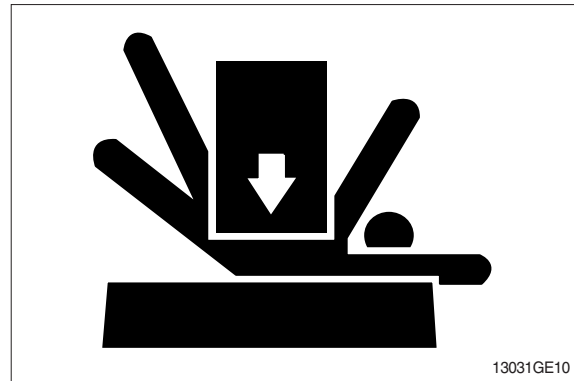
- Park machine on a level surface.
- Lower bucket to the ground.
- Turn auto idle switch off.
- Run engine at low idle speed without load for 5 minutes.
- Turn key switch to OFF to stop engine. Remove key from switch.
- Place safety lever to locked position.
- Allow engine to cool.

SUPPORT MACHINE PROPERLY

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

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

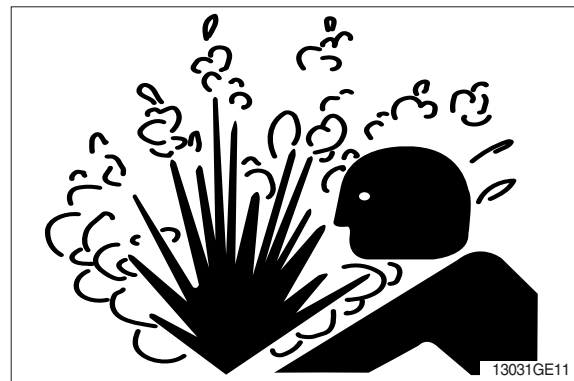
Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



SERVICE COOLING SYSTEM SAFELY

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

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



HANDLE FLUIDS SAFELY-AVOID FIRES

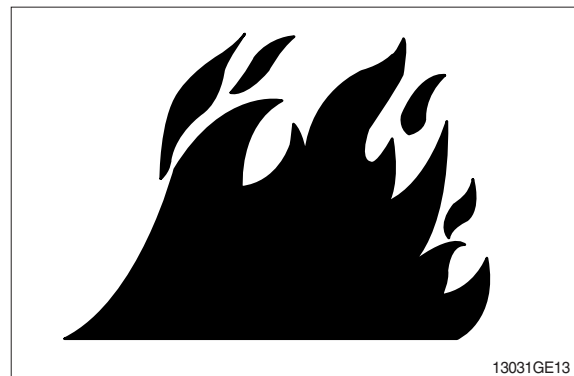
Handle fuel with care; It is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks. Always stop engine before refueling machine. Fill fuel tank outdoors.



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

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

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



BEWARE OF EXHAUST FUMES

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

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

REMOVE PAINT BEFORE WELDING OR HEATING

Avoid potentially toxic fumes and dust.

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

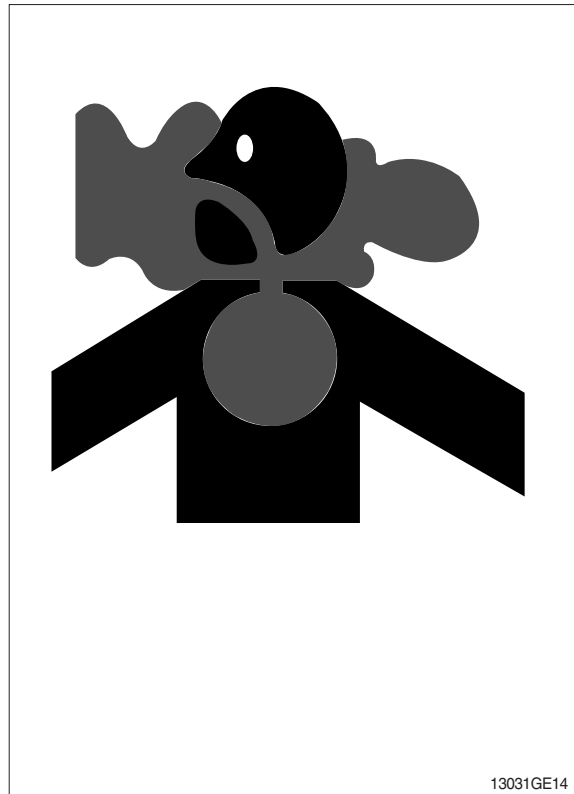
Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

Remove paint before welding or heating:

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

ILLUMINATE WORK AREA SAFELY

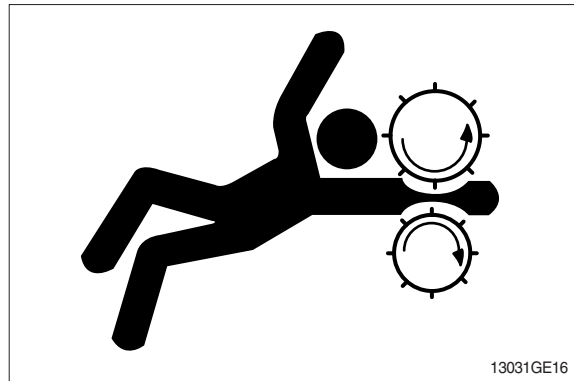
Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.



SERVICE MACHINE SAFELY

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

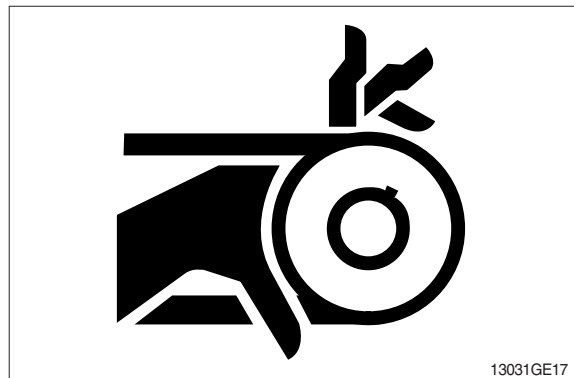
Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

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



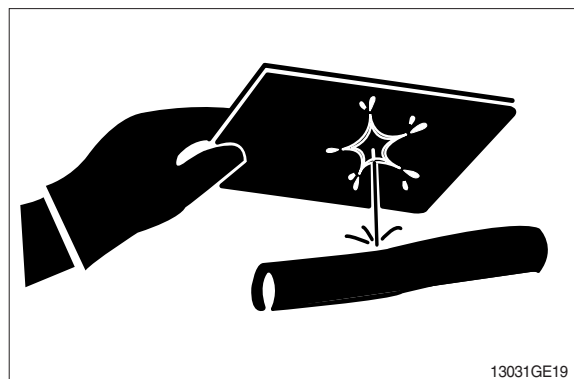
AVOID HIGH PRESSURE FLUIDS

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

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

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

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



AVOID HEATING NEAR PRESSURIZED FLUID LINES

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

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



PREVENT BATTERY EXPLOSIONS

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

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

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



PREVENT ACID BURNS

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

Avoid the hazard by:

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

If you spill acid on yourself:

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

If acid is swallowed:

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

USE TOOLS PROPERLY

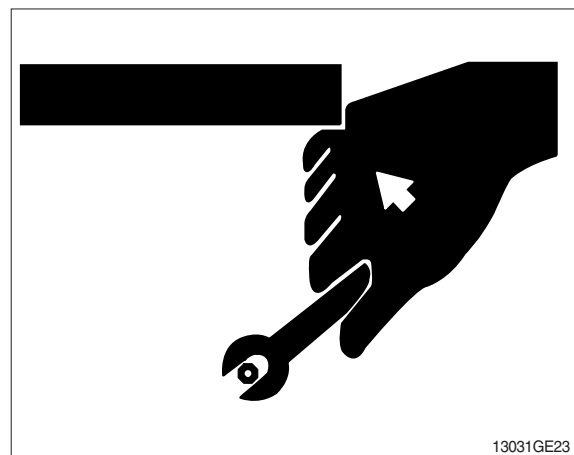
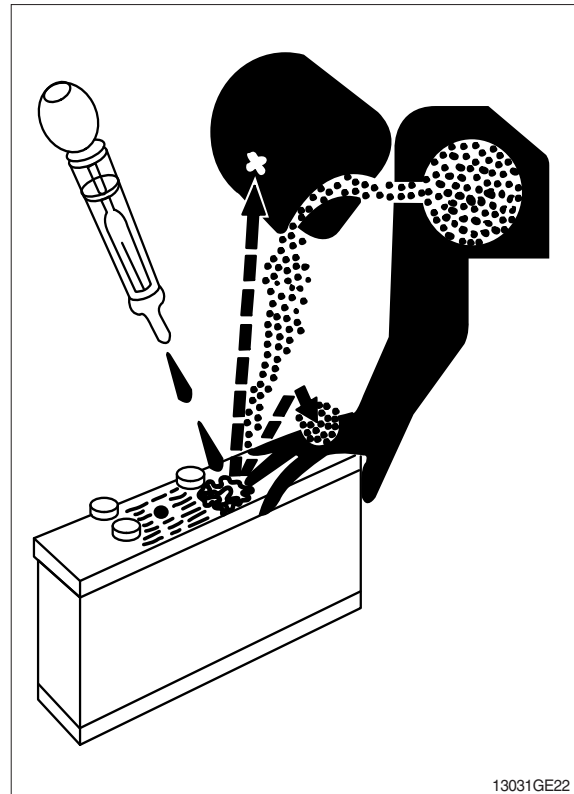
Use tools appropriate to the work. Makeshift tools, parts, and procedures can create safety hazards.

Use power tools only to loosen threaded tools and fasteners.

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

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

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

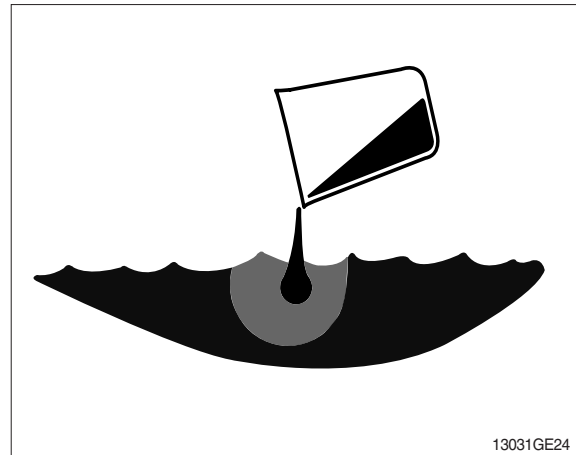


DISPOSE OF FLUIDS PROPERLY

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

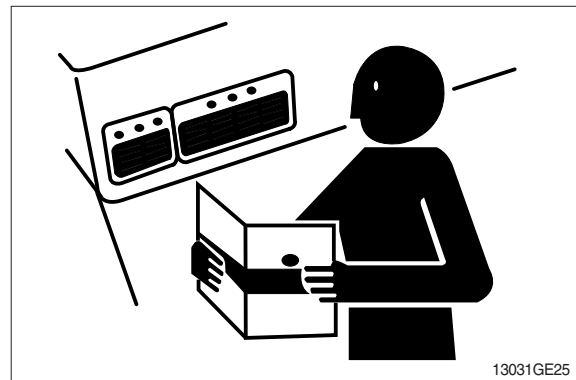
Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

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



REPLACE SAFETY LABELS

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

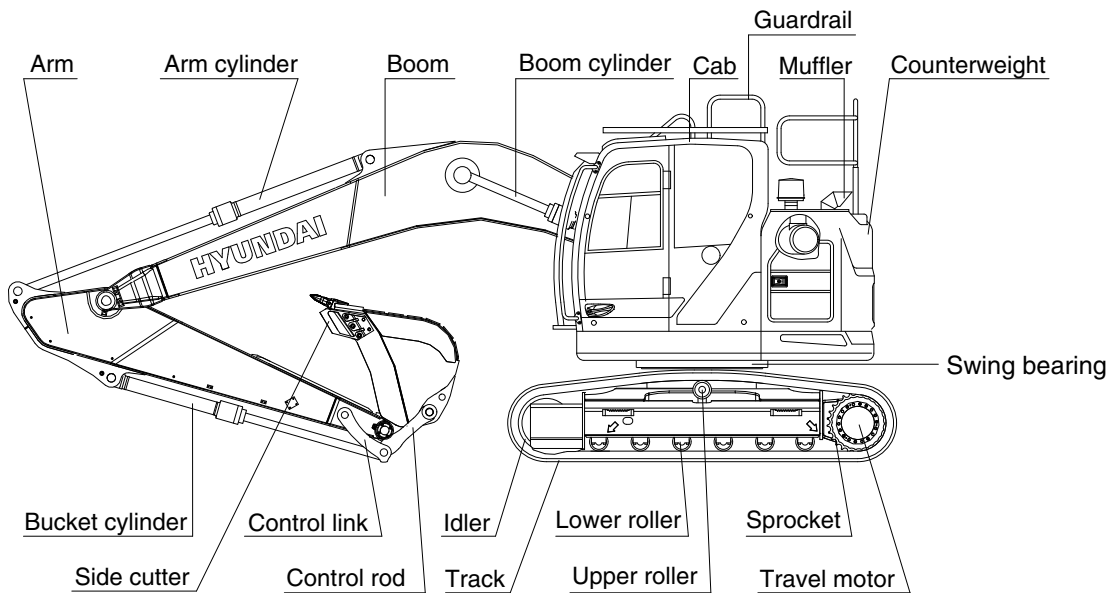
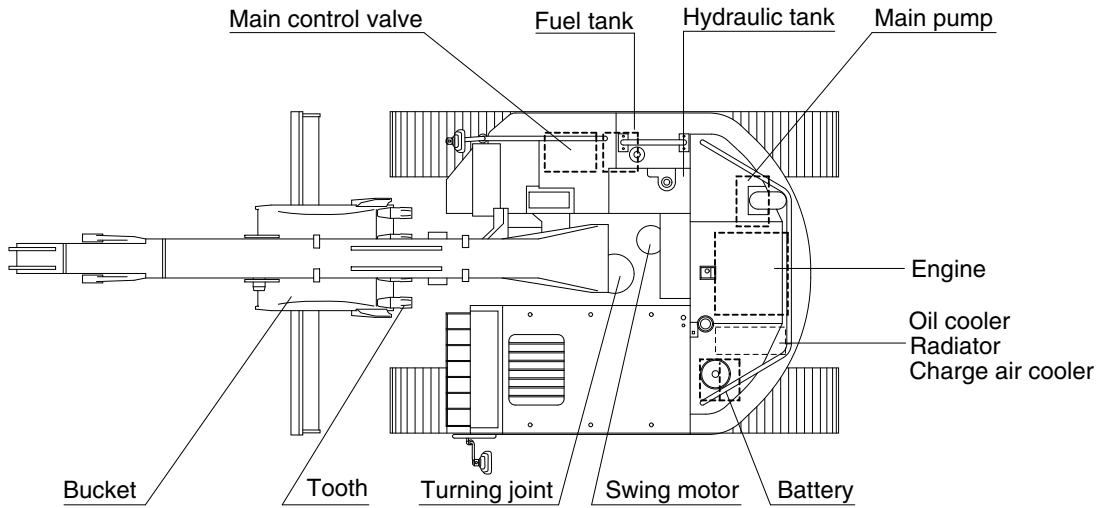


LIVE WITH SAFETY

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

GROUP 2 SPECIFICATIONS

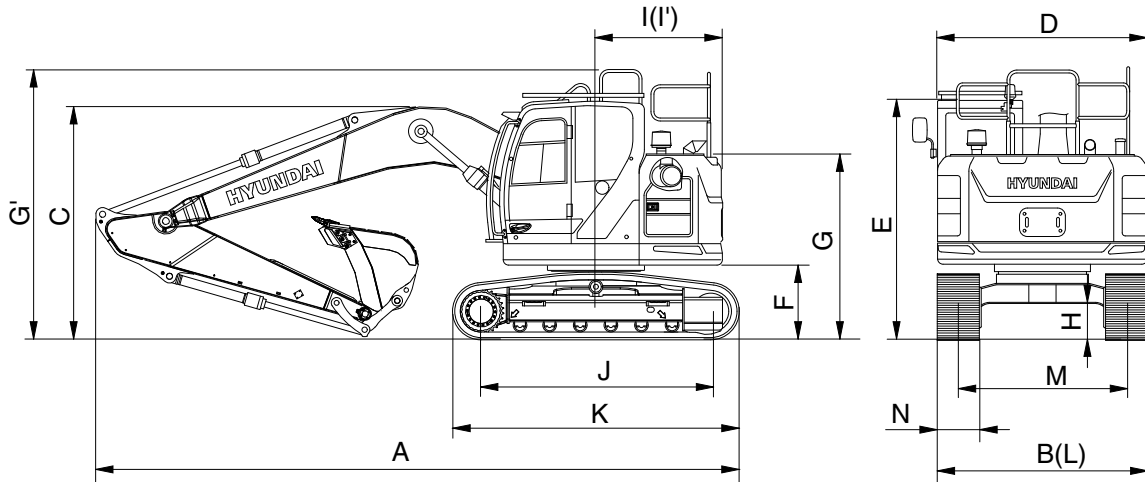
1. MAJOR COMPONENT



160A2SP01

2. SPECIFICATIONS

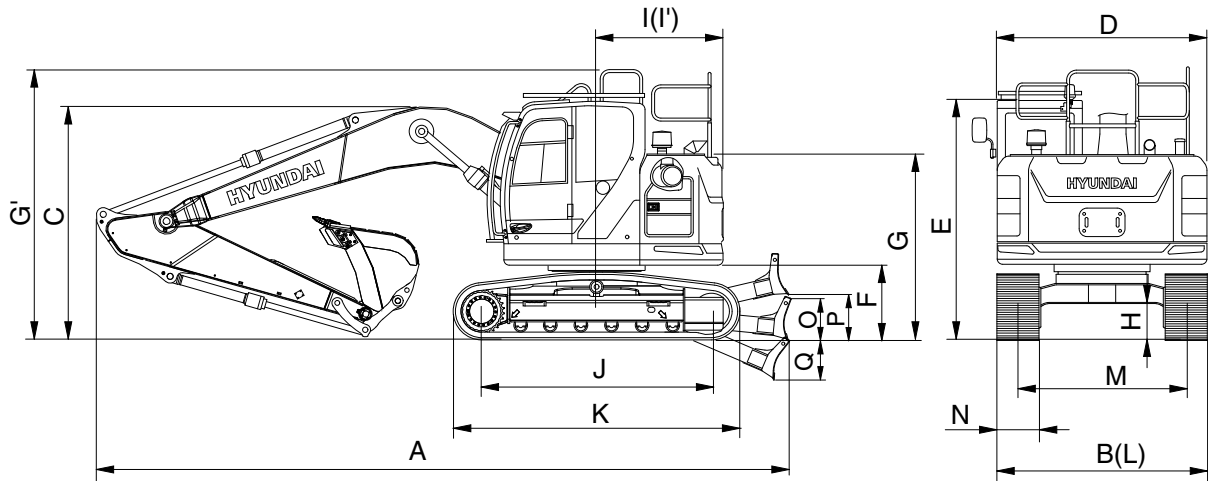
1) HX130A LCR, MONO BOOM



130A2SP02

Description	Unit		Specification		
	m (ft-in)	Boom	4.3 (14' 1")		
		Arm	2.26 (7' 5")	1.96 (6' 5")	2.81 (9' 3")
	mm (in)	Shoe	600 (24)		
Operating weight	kg (lb)		13445 (29640)	13415 (29570)	13510 (29780)
Overall length	A	mm (ft-in)	6850 (22' 6")	6820 (22' 5")	6805 (22' 4")
Overall width	B		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall height of boom	C		2760 (9' 1")	2570 (8' 5")	3080 (10' 1")
Overall width of upper structure	D		2485 (8' 2")	2485 (8' 2")	2485 (8' 2")
Overall height of cab	E		2860 (9' 5")	2860 (9' 5")	2860 (9' 5")
Ground clearance of counterweight	F		900 (2' 11")	900 (2' 11")	900 (2' 11")
Overall height of engine hood	G		2035 (6' 8")	2035 (6' 8")	2035 (6' 8")
Overall height of handrail	G'		3080 (10' 1")	3080 (10' 1")	3080 (10' 1")
Minimum ground clearance	H		435 (1' 5")	435 (1' 5")	435 (1' 5")
Rear-end distance	I		1520 (5' 0")	1520 (5' 0")	1520 (5' 0")
Rear-end swing radius	I'		1520 (5' 0")	1520 (5' 0")	1520 (5' 0")
Distance between tumblers	J		2780 (9' 1")	2780 (9' 1")	2780 (9' 1")
Undercarriage length (without grouser)	K		3457 (11' 4")	3457 (11' 4")	3457 (11' 4")
Undercarriage length (with grouser)	K		3497 (11' 6")	3497 (11' 6")	3497 (11' 6")
Undercarriage width	L		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Track gauge	M		1990 (6' 6")	1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")	600 (2' 0")
Track shoe link quantity	EA		43	43	43
Travel speed (low/high)	km/hr (mph)	3.0 / 5.2 (1.9/3.2)	3.0 / 5.2 (1.9/3.2)	3.0 / 5.2 (1.9/3.2)	
Swing speed	rpm	12.4	12.4	12.4	
Gradeability	Degree (%)	35 (70)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.37 (5.28)	0.37 (5.28)	0.37 (5.31)	
Max traction force	kg (lb)	11948 (26340)	11948 (26340)	11948 (26340)	

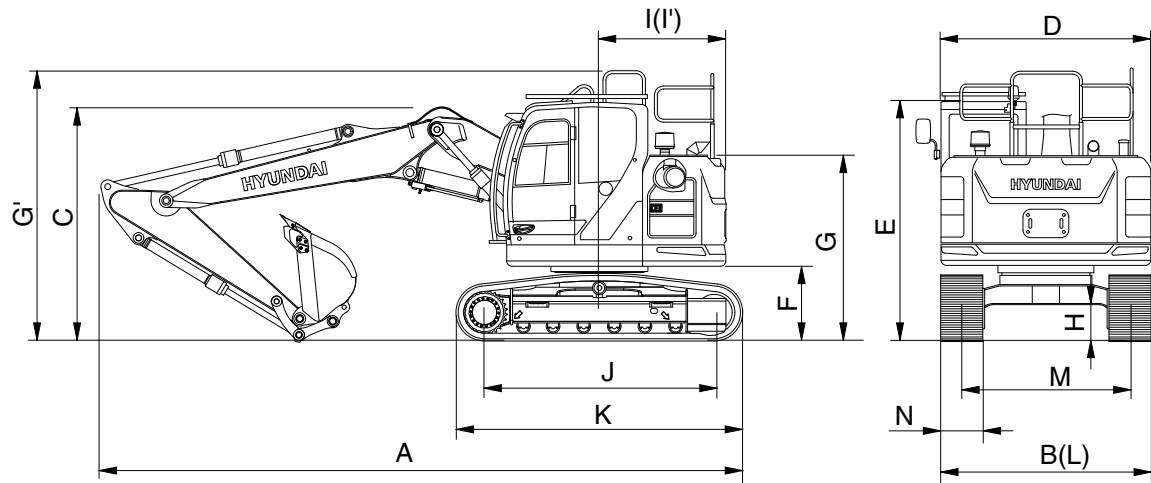
2) HX130A LCR, 2-PIECE BOOM



130A2SP03

Description	Unit		Specification	
	m (ft-in)	Boom	4.56 (14' 11")	
		Arm	2.26 (7' 5")	1.96 (6' 5")
mm (in)	Shoe	600 (24)		
Operating weight	kg (lb)	14230 (31370)	14202 (31310)	
Overall length	A	7090 (23' 3")	7100 (23' 4")	
Overall width	B	2590 (8' 6")	2590 (8' 6")	
Overall width with add footboard	B'	2590 (8' 6")	2590 (8' 6")	
Overall height of boom	C	3000 (9' 10")	2835 (9' 4")	
Overall width of upper structure	D	2485 (8' 2")	2485 (8' 2")	
Overall height of cab	E	2860 (9' 5")	2860 (9' 5")	
Ground clearance of counterweight	F	900 (2' 11")	900 (2' 11")	
Overall height of engine hood	G	2035 (6' 8")	2035 (6' 8")	
Overall height of handrail	G'	3080 (10' 1")	3080 (10' 1")	
Minimum ground clearance	H	435 (1' 5")	435 (1' 5")	
Rear-end distance	I	1520 (5' 0")	1520 (5' 0")	
Rear-end swing radius	I'	1520 (5' 0")	1520 (5' 0")	
Distance between tumblers	J	2780 (9' 1")	2780 (9' 1")	
Undercarriage length (without grouser)	K	3457 (11' 4")	3457 (11' 4")	
Undercarriage length (with grouser)	K'	3497 (11' 6")	3497 (11' 6")	
Undercarriage width	L	2590 (8' 6")	2590 (8' 6")	
Undercarriage width with add footboard	L'	2590 (8' 6")	2590 (8' 6")	
Track gauge	M	1990 (6' 6")	1990 (6' 6")	
Track shoe width, standard	N	600 (2' 0")	600 (2' 0")	
Track shoe link quantity	EA	43	43	
Travel speed (low/high)	km/hr (mph)	3.0 / 5.2 (1.9/3.2)	3.0 / 5.2 (1.9/3.2)	
Swing speed	rpm	12.4	12.4	
Gradeability	Degree (%)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.39 (5.59)	0.39 (5.58)	
Max traction force	kg (lb)	11948 (26340)	11948 (26340)	

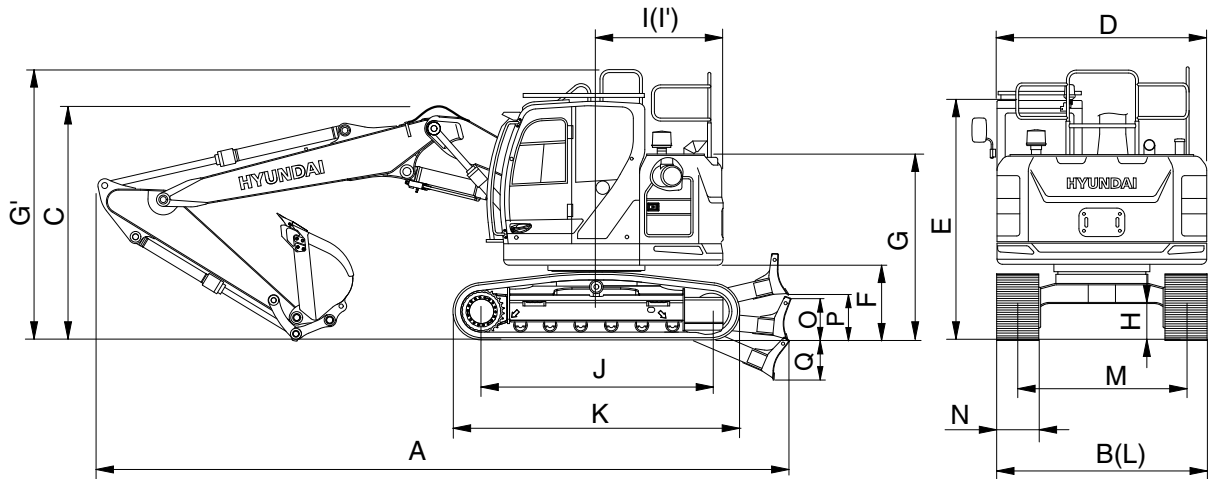
3) HX130A LCRD, MONO BOOM



130A2SP04

Description	Unit	Specification		
		Boom	4.3 (14' 1")	
		Arm	2.26 (7' 5")	1.96 (6' 5")
mm (in)		Shoe		
		600 (24)		
Operating weight	kg (lb)	14275 (31470)	14245 (31400)	14340 (31610)
Overall length	A	7580 (24' 10")	7550 (24' 9")	7530 (24' 8")
Overall width	B	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall height of boom	C	2760 (9' 1")	2570 (8' 5")	3080 (10' 1")
Overall width of upper structure	D	2485 (8' 2")	2485 (8' 2")	2485 (8' 2")
Overall height of cab	E	2860 (9' 5")	2860 (9' 5")	2860 (9' 5")
Ground clearance of counterweight	F	900 (2' 11")	900 (2' 11")	900 (2' 11")
Overall height of engine hood	G	2035 (6' 8")	2035 (6' 8")	2035 (6' 8")
Overall height of handrail	G'	3080 (10' 1")	3080 (10' 1")	3080 (10' 1")
Minimum ground clearance	H	260 (0' 10")	260 (0' 10")	260 (0' 10")
Rear-end distance	I	1520 (5' 0")	1520 (5' 0")	1520 (5' 0")
Rear-end swing radius	I'	1520 (5' 0")	1520 (5' 0")	1520 (5' 0")
Distance between tumblers	J	2780 (9' 1")	2780 (9' 1")	2780 (9' 1")
Undercarriage length (without grouser)	K	3457 (11' 4")	3457 (11' 4")	3457 (11' 4")
Undercarriage length (with grouser)	K'	3497 (11' 6")	3497 (11' 6")	3497 (11' 6")
Undercarriage width	L	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Track gauge	M	1990 (6' 6")	1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N	600 (2' 0")	600 (2' 0")	600 (2' 0")
Height of blade	O	575 (1' 11")	575 (1' 11")	575 (1' 11")
Ground clearance of blade up	P	550 (1' 10")	550 (1' 10")	550 (1' 10")
Depth of blade down	Q	515 (1' 8")	515 (1' 8")	515 (1' 8")
Track shoe link quantity	EA	43	43	43
Travel speed (low/high)	km/hr (mph)	3.0 / 5.2 (1.9/3.2)	3.0 / 5.2 (1.9/3.2)	3.0 / 5.2 (1.9/3.2)
Swing speed	rpm	12.4	12.4	12.4
Gradeability	Degree (%)	35 (70)	35 (70)	35 (70)
Ground pressure	kgf/cm ² (psi)	0.39 (5.6)	0.39 (5.59)	0.40 (5.63)
Max traction force	kg (lb)	11948 (26340)	11948 (26340)	11948 (26340)

4) HX130A LCRD, 2-PIECE BOOM

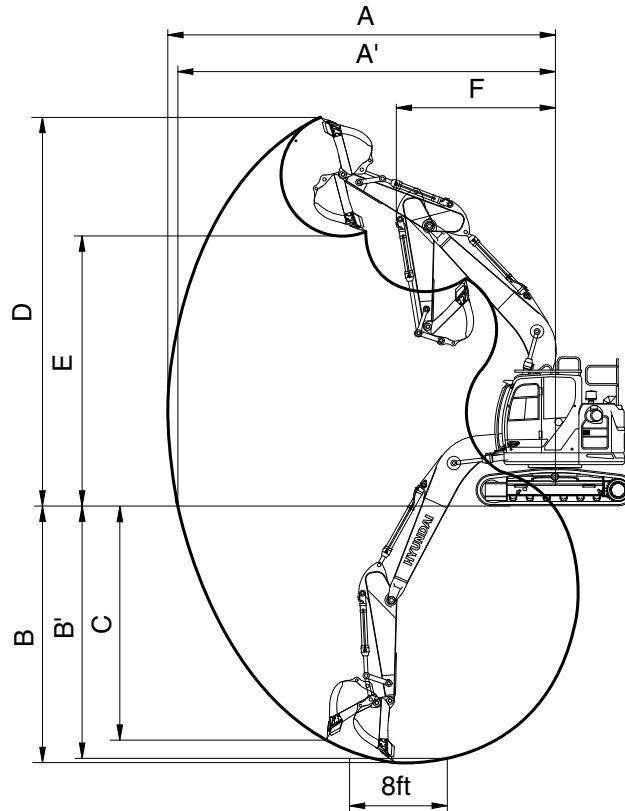


130A2SP05

Description	Unit		Specification	
	m (ft-in)	Boom	4.56 (14' 11")	
		Arm	2.26 (7' 5")	1.96 (6' 5")
	mm (in)	Shoe	600 (24)	
Operating weight	kg (lb)		15060 (33200)	15035 (33150)
Overall length	A	mm (ft-in)	7820 (25' 8")	7820 (25' 8")
Overall width	B		2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'		2590 (8' 6")	2590 (8' 6")
Overall height of boom	C		3000 (9' 10")	2835 (9' 4")
Overall width of upper structure	D		2485 (8' 2")	2485 (8' 2")
Overall height of cab	E		2860 (9' 5")	2860 (9' 5")
Ground clearance of counterweight	F		900 (2' 11")	900 (2' 11")
Overall height of engine hood	G		2035 (6' 8")	2035 (6' 8")
Overall height of handrail	G'		3080 (10' 1")	3080 (10' 1")
Minimum ground clearance	H		260 (0' 10")	260 (0' 10")
Rear-end distance	I		1520 (5' 0")	1520 (5' 0")
Rear-end swing radius	I'		1520 (5' 0")	1520 (5' 0")
Distance between tumblers	J		2780 (9' 1")	2780 (9' 1")
Undercarriage length (without grouser)	K		3457 (11' 4")	3457 (11' 4")
Undercarriage length (with grouser)	K'		3497 (11' 6")	3497 (11' 6")
Undercarriage width	L		2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'		2590 (8' 6")	2590 (8' 6")
Track gauge	M		1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")
Height of blade	O		575 (1' 11")	575 (1' 11")
Ground clearance of blade up	P	550 (1' 10")	550 (1' 10")	
Depth of blade down	Q	515 (1' 8")	515 (1' 8")	
Track shoe link quantity	EA	51	51	
Travel speed (low/high)	km/hr (mph)	3.0 / 5.2 (1.9/3.2)	3.0 / 5.2 (1.9/3.2)	
Swing speed	rpm	10.3	10.3	
Gradeability	Degree (%)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.42 (5.92)	0.42 (5.9)	
Max traction force	kg (lb)	11948 (26340)	11948 (26340)	

3. WORKING RANGE AND DIGGING FORCE

1) HX130A LCR/LCRD, MONO BOOM

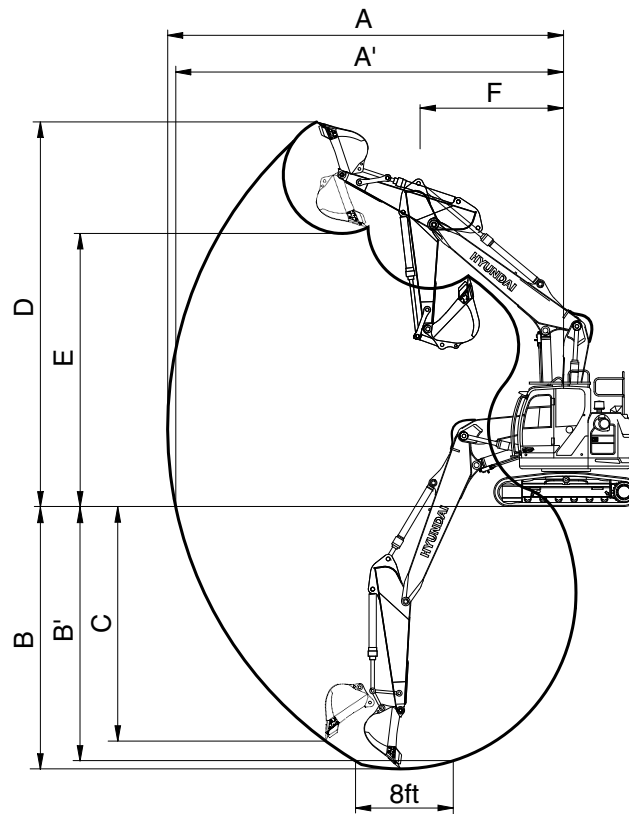


130A2SP06

Description	m (ft-in)	Boom	4.3 (14' 1")		
		Arm	2.26 (7' 5")	1.96 (6' 5")	2.81 (9' 3")
Max digging reach	mm (ft-in)	A	7745 (25' 5")	7470 (24' 6")	8270 (27' 2")
Max digging reach on ground		A'	7600 (24' 11")	7310 (24' 0")	8140 (26' 8")
Max digging depth		B	5090 (16' 8")	4790 (15' 9")	5640 (18' 6")
Max digging depth (8 ft level)		B'	4860 (15' 11")	4530 (14' 10")	5450 (17' 11")
Max vertical wall digging depth		C	4630 (15' 2")	4330 (14' 2")	5170 (17' 0")
Max digging height		D	8165 (26' 9")	7975 (26' 2")	8540 (28' 0")
Max dumping height		E	5710 (18' 9")	5530 (18' 2")	6090 (20' 0")
Min swing radius		F	2340 (7' 8")	2275 (7' 6")	2470 (8' 1")
Bucket digging force	kN	SAE	83.5 [91]	83.2 [90.7]	83.5 [91]
	kgf		8510 [9280]	8480 [9250]	8510 [9280]
	lbf		18761 [20459]	18695 [20393]	18761 [20459]
	kN	ISO	98 [106.9]	97.6 [106.4]	98 [106.9]
	kgf		9990 [10900]	9950 [10850]	9990 [10900]
	lbf		22024 [24030]	21936 [23920]	22024 [24030]
Arm digging force	kN	SAE	55 [60]	59.4 [64.8]	47.6 [51.9]
	kgf		5610 [6120]	6055 [6610]	4850 [5290]
	lbf		12368 [13492]	13349 [14573]	10692 [11662]
	kN	ISO	57.7 [62.9]	62.4 [68.1]	49.4 [53.9]
	kgf		5880 [6410]	6360 [6940]	5040 [5500]
	lbf		12963 [14132]	14021 [15300]	11111 [12125]

[]: Power boost

2) HX130A LCR/LCRD, 2-PIECE BOOM



130A2SP07

Description	m (ft-in)	Boom	4.56 (14' 11")	
		Arm	2.26 (7' 5")	1.96 (6' 5")
Max digging reach	mm (ft-in)	A	8060 (26' 5")	7770 (25' 6")
Max digging reach on ground		A'	7920 (26' 0")	7630 (25' 0")
Max digging depth		B	5280 (17' 4")	4980 (16' 4")
Max digging depth (8 ft level)		B'	5160 (16' 11")	4860 (15' 11")
Max vertical wall digging depth		C	4680 (15' 4")	4370 (14' 4")
Max digging height		D	8880 (29' 2")	8650 (28' 5")
Max dumping height		E	6390 (21' 0")	6160 (20' 3")
Min swing radius		F	2430 (8' 0")	2220 (7' 3")
Bucket digging force	kN	SAE	83.5 [91]	83.2 [90.7]
	kgf		8510 [9280]	8480 [9250]
	lbf		18761 [20459]	18695 [20393]
	kN	ISO	98 [106.9]	97.6 [106.4]
	kgf		9990 [10900]	9950 [10850]
	lbf		22024 [24030]	21936 [23920]
Arm digging force	kN	SAE	55 [60]	59.4 [64.8]
	kgf		5610 [6120]	6055 [6610]
	lbf		12368 [13492]	13349 [14573]
	kN	ISO	57.7 [62.9]	62.4 [68.1]
	kgf		5880 [6410]	6360 [6940]
	lbf		12963 [14132]	14021 [15300]

[] : Power boost

4. WEIGHT

Item	Qty	HX130A LCR		HX130A LCDR	
	EA	kg	lb	kg	lb
Upperstructure assembly					
· Main frame weld assembly	1	1152	2540	1152	2540
· Engine assembly	1	348	767	348	767
· Aftertreatment assy	1	30	66	30	66
· Main pump assembly	1	88	194	88	194
· Main control valve assembly	1	140	309	140	309
· Swing motor assembly	1	130	287	130	287
· Hydraulic oil tank WA	1	182	402	182	402
· Fuel tank WA	1	162	357	162	357
· Counterweight	1	2100	4630	2100	4630
· Cab assembly	1	450	992	450	992
Lower chassis assembly					
· Track frame weld assembly	1	1226	2703	1365	3009
· Dozer blade assembly	1	-	-	475	1047
· Swing bearing	1	262	578	262	578
· Travel motor assembly	2	278	613	278	613
· Turning joint	1	59	130	59	130
· Sprocket	2	40	87	40	87
· Track recoil spring	2	93	206	93	206
· Idler	2	108	238	108	238
· Upper roller	2	12	27	12	27
· Lower roller	12	25	54	25	54
· Track Guard	2	31	68	31	68
· Track-chain assembly (500 mm, 43 link)	2	716	1579	716	1579
· Track-chain assembly (600 mm, 43 link)	2	796	1754	796	1754
· Track-chain assembly (700 mm, 43 link)	2	875	1929	875	1929
· Track-chain assembly (600 mm, 43 link)-HW	2	960	2116	960	2116
· Track-chain assembly (700 mm, 43 link)-HW	2	1058	2332	1058	2332
· Track-chain assembly (500 mm, 43 link)-rubber pad	2	793	1749	793	1749
Front attachment assembly					
· 4.3 m mono boom assembly	1	702	1548	702	1548
· 4.56 m 2-piece boom assembly	1	986	2173	986	2173
· 2.26 m arm assembly	1	364	803	364	803
· 1.96 m arm assembly	1	337	743	337	743
· 2.81 m arm assembly	1	427	941	427	941
· 2.26 m arm assembly (w/o reinforce)	1	356	785	356	785
· 2.81 m arm assembly (w/o reinforce)	1	419	923	419	923
· 0.58 m ³ bucket assembly	1	439	967	439	967
· 0.50 m ³ bucket assembly	1	422	931	425	936
· 0.61 m ³ bucket assembly	1	474	1045	422	931
· 0.50 m ³ bucket assembly	1	425	936	474	1045
· 0.59 m ³ bucket assembly	1	473	1043	473	1043
· Boom cylinder assembly	2	98	216	98	216
· Arm cylinder assembly	1	118	260	118	260
· Bucket cylinder assembly	1	96	212	96	212
· 2-piece boom cylinder assembly	1	170	375	170	375
· Dozer cylinder assembly	2	53	117	53	117
· Bucket control linkage total	1	112	247	112	247

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

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

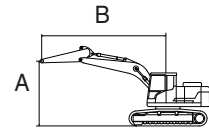
5. LIFTING CAPACITIES












1) HX130A LCR MONO BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	1960	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												
6.0 m (19.7 ft)	kg lb									*2620 *5780	*2620 *5780	4.21 (13.8)
4.5 m (14.8 ft)	kg lb					*3340 *7360	3060 6750			*2310 *5090	2240 4940	5.42 (17.8)
3.0 m (9.8 ft)	kg lb			*5290 *11660	*5290 *11660	*3920 *8640	2930 6460	*2450 *5400	1860 4100	*2270 *5000	1850 4080	6.03 (19.8)
1.5 m (4.9 ft)	kg lb			*7380 *16270	5000 11020	4080 8990	2760 6080	2630 5800	1810 3990	*2390 *5270	1720 3790	6.22 (20.4)
0.0 m (0.0 ft)	kg lb			*7210 *15900	4820 10630	3950 8710	2650 5840	2590 5710	1780 3920	2570 5670	1760 3880	6.04 (19.8)
-1.5 m (-4.9 ft)	kg lb	*5310 *11710	*5310 *11710	7800 17200	4820 10630	3930 8660	2620 5780			2980 6570	2030 4480	5.44 (17.9)
-3.0 m (-9.8 ft)	kg lb			*6500 *14330	4950 10910					*4350 *9590	2940 6480	4.26 (14.0)

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.

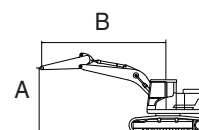
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCR	MONO BOOM	4300	1960	2450	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*2620	*2620	4.21
	lb									*5780	*5780	(13.8)
4.5 m (14.8 ft)	kg				*3340	3240				*2310	*2310	5.42
	lb				*7360	7140				*5090	*5090	(17.8)
3.0 m (9.8 ft)	kg		*5290	*5290	*3920	3110	*2450	1990	*2270	1980	6.03	
	lb		*11660	*11660	*8640	6860	*5400	4390	*5000	4370	(19.8)	
1.5 m (4.9 ft)	kg		*7380	5320	4300	2940	2790	1940	*2390	1840	6.22	
	lb		*16270	11730	9480	6480	6150	4280	*5270	4060	(20.4)	
0.0 m (0.0 ft)	kg		*7210	5140	4180	2830	2750	1900	2720	1880	6.04	
	lb		*15900	11330	9220	6240	6060	4190	6000	4140	(19.8)	
-1.5 m (-4.9 ft)	kg	*5310	*5310	*7920	5140	4150	2800		3160	2170	5.44	
	lb	*11710	*11710	*17460	11330	9150	6170		6970	4780	(17.9)	
-3.0 m (-9.8 ft)	kg		*6500	5270					*4350	3130	4.26	
	lb		*14330	11620					*9590	6900	(14.0)	

Note 1. Lifting capacity are based on ISO 10567.

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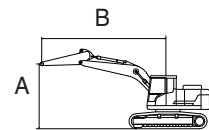
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2260	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*2730	*2730			*2360	*2360	4.62
	lb					*6020	*6020			*5200	*5200	(15.1)
4.5 m (14.8 ft)	kg					*3070	*3070			*2110	2050	5.74
	lb					*6770	*6770			*4650	4520	(18.8)
3.0 m (9.8 ft)	kg		*4770	*4770	*3690	2950	2700	1880	*2070	1720	6.31	
	lb		*10520	*10520	*8140	6500	5950	4140	*4560	3790	(20.7)	
1.5 m (4.9 ft)	kg		*7100	5060	4090	2770	2630	1810	*2180	1600	6.50	
	lb		*15650	11160	9020	6110	5800	3990	*4810	3530	(21.3)	
0.0 m (0.0 ft)	kg		*7500	4810	3950	2640	2580	1760	2390	1640	6.32	
	lb		*16530	10600	8710	5820	5690	3880	5270	3620	(20.7)	
-1.5 m (-4.9 ft)	kg	*4830	*4830	7750	4780	3900	2600		2730	1860	5.76	
	lb	*10650	*10650	17090	10540	8600	5730		6020	4100	(18.9)	
-3.0 m (-9.8 ft)	kg	*9240	*9240	*6920	4890	3970	2670		3780	2550	4.66	
	lb	*20370	*20370	*15260	10780	8750	5890		8330	5620	(15.3)	

Note 1. Lifting capacity are based on ISO 10567.

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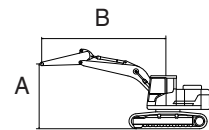
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCR	MONO BOOM	4300	2260	2450	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*2730	*2730			*2360	*2360	4.62
	lb					*6020	*6020			*5200	*5200	(15.1)
4.5 m (14.8 ft)	kg					*3070	*3070			*2110	*2110	5.74
	lb					*6770	*6770			*4650	*4650	(18.8)
3.0 m (9.8 ft)	kg			*4770	*4770	*3690	3130	2860	2000	*2070	1840	6.31
	lb			*10520	*10520	*8140	6900	6310	4410	*4560	4060	(20.7)
1.5 m (4.9 ft)	kg			*7100	5380	4320	2950	2790	1940	*2180	1720	6.50
	lb			*15650	11860	9520	6500	6150	4280	*4810	3790	(21.3)
0.0 m (0.0 ft)	kg			*7500	5130	4170	2820	2730	1890	*2460	1750	6.32
	lb			*16530	11310	9190	6220	6020	4170	*5420	3860	(20.7)
-1.5 m (-4.9 ft)	kg	*4830	*4830	*8060	5100	4130	2780			2890	1990	5.76
	lb	*10650	*10650	*17770	11240	9110	6130			6370	4390	(18.9)
-3.0 m (-9.8 ft)	kg	*9240	*9240	*6920	5200	4200	2850			3990	2720	4.66
	lb	*20370	*20370	*15260	11460	9260	6280			8800	6000	(15.3)

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4. *Indicates load limited by hydraulic capacity.

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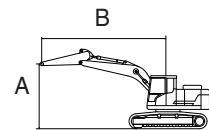
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2810	2100	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*2480	*2480			*1770	*1770	5.34
	lb					*5470	*5470			*3900	*3900	(17.5)
4.5 m (14.8 ft)	kg					*2560	*2560	*2380	1940	*1610	*1610	6.33
	lb					*5640	*5640	*5250	4280	*3550	*3550	(20.8)
3.0 m (9.8 ft)	kg			*3790	*3790	*3210	3000	2720	1890	*1590	1500	6.86
	lb			*8360	*8360	*7080	6610	6000	4170	*3510	3310	(22.5)
1.5 m (4.9 ft)	kg			*6250	5190	4120	2800	2630	1810	*1660	1410	7.03
	lb			*13780	11440	9080	6170	5800	3990	*3660	3110	(23.1)
0.0 m (0.0 ft)	kg			7800	4820	3940	2630	2560	1740	*1840	1420	6.87
	lb			17200	10630	8690	5800	5640	3840	*4060	3130	(22.5)
-1.5 m (-4.9 ft)	kg	*4140	*4140	7680	4720	3860	2560	2520	1710	*2220	1580	6.35
	lb	*9130	*9130	16930	10410	8510	5640	5560	3770	*4890	3480	(20.8)
-3.0 m (-9.8 ft)	kg	*7280	*7280	*7470	4770	3880	2580			2990	2020	5.38
	lb	*16050	*16050	*16470	10520	8550	5690			6590	4450	(17.6)

Note 1. Lifting capacity are based on ISO 10567.

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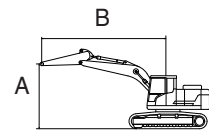
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2260	2450	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*2480	*2480			*1770	*1770	5.34
	lb					*5470	*5470			*3900	*3900	(17.5)
4.5 m (14.8 ft)	kg					*2560	*2560	*2380	2060	*1610	*1610	6.33
	lb					*5640	*5640	*5250	4540	*3550	*3550	(20.8)
3.0 m (9.8 ft)	kg			*3790	*3790	*3210	3180	2870	2020	*1590	*1590	6.86
	lb			*8360	*8360	*7080	7010	6330	4450	*3510	*3510	(22.5)
1.5 m (4.9 ft)	kg			*6250	5510	*4150	2980	2790	1930	*1660	1510	7.03
	lb			*13780	12150	*9150	6570	6150	4250	*3660	3330	(23.1)
0.0 m (0.0 ft)	kg			*7830	5140	4170	2810	2710	1860	*1840	1530	6.87
	lb			*17260	11330	9190	6190	5970	4100	*4060	3370	(22.5)
-1.5 m (-4.9 ft)	kg	*4140	*4140	8120	5030	4080	2730	2680	1830	*2220	1700	6.35
	lb	*9130	*9130	17900	11090	8990	6020	5910	4030	*4890	3750	(20.8)
-3.0 m (-9.8 ft)	kg	*7280	*7280	*7470	5090	4110	2750			*3120	2170	5.38
	lb	*16050	*16050	*16470	11220	9060	6060			*6880	4780	(17.6)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

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

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

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

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

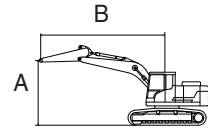
▲ **Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.**









2) HX130A LCR 2-PIECE BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCR	2-PIECE BOOM	4556	1960	2450	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)						At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
										m (ft)
6.0 m (19.7 ft)	kg lb			*3310 *7300	3280 7230			*2670 *5890	*2670 *5890	4.66 (15.3)
4.5 m (14.8 ft)	kg lb	*3650 *8050	*3650 *8050	*3290 *7250	3260 7190			*2360 *5200	2140 4720	5.77 (18.9)
3.0 m (9.8 ft)	kg lb	*5580 *12300	*5580 *12300	*3900 *8600	3080 6790	2850 6280	1970 4340	*2300 *5070	1790 3950	6.34 (20.8)
1.5 m (4.9 ft)	kg lb			4270 9410	2870 6330	2770 6110	1890 4170	*2380 *5250	1660 3660	6.53 (21.4)
0.0 m (0.0 ft)	kg lb	*4580 *10100	*4580 *10100	4120 9080	2740 6040	2700 5950	1840 4060	2500 5510	1700 3750	6.35 (20.8)
-1.5 m (-4.9 ft)	kg lb	*7530 *16600	4990 11000	4090 9020	2710 5970			2850 6280	1930 4250	5.79 (19.0)
-3.0 m (-9.8 ft)	kg lb	*6230 *13730	5130 11310	*4080 *8990	2800 6170					

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

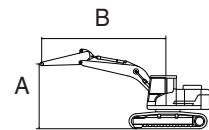
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCR	2-PIECE BOOM	4556	2260	2450	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg lb	*3450 *7610	*3450 *7610					*3330 *7340	*3330 *7340	3.04 (10.0)
6.0 m (19.7 ft)	kg lb			*2960 *6530	*2960 *6530			*2400 *5290	*2400 *5290	5.05 (16.6)
4.5 m (14.8 ft)	kg lb			*3050 *6720	*3050 *6720	*2580 *5690	2030 4480	*2150 *4740	1970 4340	6.09 (20.0)
3.0 m (9.8 ft)	kg lb	*5070 *11180	*5070 *11180	*3690 *8140	3120 6880	2860 6310	1980 4370	*2100 *4630	1670 3680	6.64 (21.8)
1.5 m (4.9 ft)	kg lb			4290 9460	2890 6370	2770 6110	1900 4190	*2170 *4780	1560 3440	6.81 (22.4)
0.0 m (0.0 ft)	kg lb	*4920 *10850	*4920 *10850	4120 9080	2730 6020	2690 5930	1830 4030	2330 5140	1580 3480	6.65 (21.8)
-1.5 m (-4.9 ft)	kg lb	*7690 *16950	4940 10890	4060 8950	2680 5910	2680 5910	1810 3990	2620 5780	1770 3900	6.11 (20.1)
-3.0 m (-9.8 ft)	kg lb	*6600 *14550	5060 11160	4130 9110	2740 6040			3460 7630	2340 5160	5.09 (16.7)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

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3) HX130A LCRD MONO BOOM

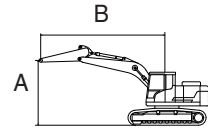
Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCRD	MONO BOOM	4300	1960	2100	600	-	Down	-	-	-



: Rating over-front



: Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*2620	*2620	4.21
	lb									*5780	*5780	(13.8)
4.5 m (14.8 ft)	kg				*3350	*3350				*2310	*2310	5.42
	lb				*7390	*7390				*5090	*5090	(17.8)
3.0 m (9.8 ft)	kg		*5290	*5290	*3930	3370	*2460	2150	*2270	2140		6.03
	lb		*11660	*11660	*8660	7430	*5420	4740	*5000	4720		(19.8)
1.5 m (4.9 ft)	kg		*7360	5870	*4730	3200	*3780	2100	*2390	1990		6.22
	lb		*16230	12940	*10430	7050	*8330	4630	*5270	4390		(20.4)
0.0 m (0.0 ft)	kg		*7220	5680	*5280	3080	*3100	2060	*2730	2050		6.04
	lb		*15920	12520	*11640	6790	*6830	4540	*6020	4520		(19.8)
-1.5 m (-4.9 ft)	kg	*5320	*5320	*7920	5690	*5260	3060		*3490	2360		5.44
	lb	*11730	*11730	*17460	12540	*11600	6750		*7690	5200		(17.8)
-3.0 m (-9.8 ft)	kg		*6500	5820					*4350	3420		4.26
	lb		*14330	12830					*9590	7540		(14.0)

Note 1. Lifting capacity are based on ISO 10567.

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- *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

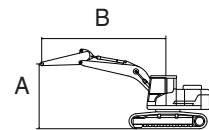
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	1960	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*2620	*2620	4.21
	lb									*5780	*5780	(13.8)
4.5 m (14.8 ft)	kg				*3350	3240				*2310	*2310	5.42
	lb				*7390	7140				*5090	*5090	(17.8)
3.0 m (9.8 ft)	kg		*5290	*5290	*3930	3110	*2460	1990	*2270	1980		6.03
	lb		*11660	*11660	*8660	6860	*5420	4390	*5000	4370		(19.8)
1.5 m (4.9 ft)	kg		*7360	5320	4040	2940	2610	1940	*2390	1840		6.22
	lb		*16230	11730	8910	6480	5750	4280	*5270	4060		(20.4)
0.0 m (0.0 ft)	kg		*7220	5140	3910	2830	2570	1900	2540	1890		6.04
	lb		*15920	11330	8620	6240	5670	4190	5600	4170		(19.8)
-1.5 m (-4.9 ft)	kg	*5320	*5320	7720	5150	3890	2810		2950	2180		5.44
	lb	*11730	*11730	17020	11350	8580	6190		6500	4810		(17.8)
-3.0 m (-9.8 ft)	kg		*6500	5280					*4350	3140		4.26
	lb		*14330	11640					*9590	6920		(14.0)

Note 1. Lifting capacity are based on ISO 10567.

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

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

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

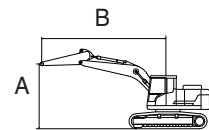
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	1960	2450	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*2620	*2620	4.21
	lb									*5780	*5780	(13.8)
4.5 m (14.8 ft)	kg				*3350	*3350				*2310	*2310	5.42
	lb				*7390	*7390				*5090	*5090	(17.8)
3.0 m (9.8 ft)	kg		*5290	*5290	*3930	3560	*2460	2280	*2270	*2270		6.03
	lb		*11660	*11660	*8660	7850	*5420	5030	*5000	*5000		(19.8)
1.5 m (4.9 ft)	kg		*7360	6210	*4730	3390	*3780	2230	*2390	2120		6.22
	lb		*16230	13690	*10430	7470	*8330	4920	*5270	4670		(20.4)
0.0 m (0.0 ft)	kg		*7220	6020	*5280	3270	*3100	2190	*2730	2180		6.04
	lb		*15920	13270	*11640	7210	*6830	4830	*6020	4810		(19.8)
-1.5 m (-4.9 ft)	kg	*5320	*5320	*7920	6030	*5260	3250		*3490	2510		5.44
	lb	*11730	*11730	*17460	13290	*11600	7170		*7690	5530		(17.8)
-3.0 m (-9.8 ft)	kg		*6500	6160					*4350	3620		4.26
	lb		*14330	13580					*9590	7980		(14.0)

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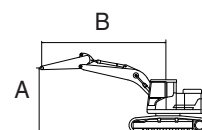
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	1960	2450	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg									*2620	*2620	4.21
	lb									*5780	*5780	(13.8)
4.5 m (14.8 ft)	kg				*3350	*3350				*2310	*2310	5.42
	lb				*7390	*7390				*5090	*5090	(17.8)
3.0 m (9.8 ft)	kg		*5290	*5290	*3930	3290	*2460	2120	*2270	2100		6.03
	lb		*11660	*11660	*8660	7250	*5420	4670	*5000	4630		(19.8)
1.5 m (4.9 ft)	kg		*7360	5640	4260	3120	2760	2070	*2390	1960		6.22
	lb		*16230	12430	9390	6880	6080	4560	*5270	4320		(20.4)
0.0 m (0.0 ft)	kg		*7220	5460	4140	3010	2720	2030	2700	2010		6.04
	lb		*15920	12040	9130	6640	6000	4480	5950	4430		(19.8)
-1.5 m (-4.9 ft)	kg	*5320	*5320	*7920	5470	4110	2990			3130	2320	5.44
	lb	*11730	*11730	*17460	12060	9060	6590			6900	5110	(17.8)
-3.0 m (-9.8 ft)	kg		*6500	5600						*4350	3330	4.26
	lb		*14330	12350						*9590	7340	(14.0)

Note 1. Lifting capacity are based on ISO 10567.

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- *Indicates load limited by hydraulic capacity.

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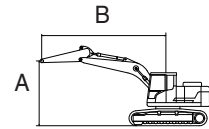
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2260	2100	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*2740	*2740			*2350	*2350	4.62
	lb					*6040	*6040			*5180	*5180	(15.2)
4.5 m (14.8 ft)	kg					*3070	*3070			*2110	*2110	5.74
	lb					*6770	*6770			*4650	*4650	(18.8)
3.0 m (9.8 ft)	kg		*4780	*4780	*3690	3390	*3300	2170	*2070	1990		6.31
	lb		*10540	*10540	*8140	7470	*7280	4780	*4560	4390		(20.7)
1.5 m (4.9 ft)	kg		*7110	5930	*4540	3210	*3650	2100	*2180	1860		6.50
	lb		*15670	13070	*10010	7080	*8050	4630	*4810	4100		(21.3)
0.0 m (0.0 ft)	kg		*7510	5670	*5180	3080	*3900	2050	*2460	1910		6.32
	lb		*16560	12500	*11420	6790	*8600	4520	*5420	4210		(20.7)
-1.5 m (-4.9 ft)	kg	*4840	*4840	*8060	5640	*5300	3030		*3070	2160		5.76
	lb	*10670	*10670	*17770	12430	*11680	6680		*6770	4760		(18.9)
-3.0 m (-9.8 ft)	kg	*9260	*9260	*6910	5750	*4440	3100		*4180	2960		4.66
	lb	*20410	*20410	*15230	12680	*9790	6830		*9220	6530		(15.3)

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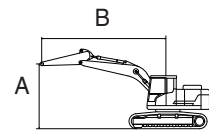
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








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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2260	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*2740	*2740			*2350	*2350	4.62
	lb					*6040	*6040			*5180	*5180	(15.2)
4.5 m (14.8 ft)	kg					*3070	*3070			*2110	*2110	5.74
	lb					*6770	*6770			*4650	*4650	(18.8)
3.0 m (9.8 ft)	kg		*4780	*4780	*3690	3130	2680	2000		*2070	1840	6.31
	lb		*10540	*10540	*8140	6900	5910	4410		*4560	4060	(20.7)
1.5 m (4.9 ft)	kg		*7110	5380	4050	2950	2610	1940		*2180	1720	6.50
	lb		*15670	11860	8930	6500	5750	4280		*4810	3790	(21.3)
0.0 m (0.0 ft)	kg		*7510	5130	3910	2820	2550	1890		2370	1750	6.32
	lb		*16560	11310	8620	6220	5620	4170		5220	3860	(20.7)
-1.5 m (-4.9 ft)	kg	*4840	*4840	7670	5110	3860	2780			2700	1990	5.76
	lb	*10670	*10670	16910	11270	8510	6130			5950	4390	(18.9)
-3.0 m (-9.8 ft)	kg	*9260	*9260	*6910	5210	3940	2850			3750	2720	4.66
	lb	*20410	*20410	*15230	11490	8690	6280			8270	6000	(15.3)

Note 1. Lifting capacity are based on ISO 10567.

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

※ Lifting capacities are based upon a standard machine conditions.

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

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

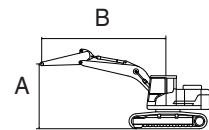
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2260	2450	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*2740	*2740			*2350	*2350	4.62
	lb					*6040	*6040			*5180	*5180	(15.2)
4.5 m (14.8 ft)	kg					*3070	*3070			*2110	*2110	5.74
	lb					*6770	*6770			*4650	*4650	(18.8)
3.0 m (9.8 ft)	kg		*4780	*4780	*3690	3580	*3300	2300	*2070	*2070	6.31	
	lb		*10540	*10540	*8140	7890	*7280	5070	*4560	*4560	(20.7)	
1.5 m (4.9 ft)	kg		*7110	6270	*4540	3400	*3650	2230	*2180	1980	6.50	
	lb		*15670	13820	*10010	7500	*8050	4920	*4810	4370	(21.3)	
0.0 m (0.0 ft)	kg		*7510	6010	*5180	3260	*3900	2180	*2460	2030	6.32	
	lb		*16560	13250	*11420	7190	*8600	4810	*5420	4480	(20.7)	
-1.5 m (-4.9 ft)	kg	*4840	*4840	*8060	5980	*5300	3220		*3070	2300	5.76	
	lb	*10670	*10670	*17770	13180	*11680	7100		*6770	5070	(18.9)	
-3.0 m (-9.8 ft)	kg	*9260	*9260	*6910	6090	*4440	3290		*4180	3140	4.66	
	lb	*20410	*20410	*15230	13430	*9790	7250		*9220	6920	(15.3)	

Note 1. Lifting capacity are based on ISO 10567.

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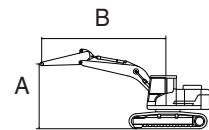
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2260	2450	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)								At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
											m (ft)	
6.0 m (19.7 ft)	kg					*2740	*2740			*2350	*2350	4.62
	lb					*6040	*6040			*5180	*5180	(15.2)
4.5 m (14.8 ft)	kg					*3070	*3070			*2110	*2110	5.74
	lb					*6770	*6770			*4650	*4650	(18.8)
3.0 m (9.8 ft)	kg		*4780	*4780	*3690	3310	2830	2130	*2070	1960		6.31
	lb		*10540	*10540	*8140	7300	6240	4700	*4560	4320		(20.7)
1.5 m (4.9 ft)	kg		*7110	5700	4280	3130	2760	2070	*2180	1830		6.50
	lb		*15670	12570	9440	6900	6080	4560	*4810	4030		(21.3)
0.0 m (0.0 ft)	kg		*7510	5450	4130	3000	2700	2010	*2460	1870		6.32
	lb		*16560	12020	9110	6610	5950	4430	*5420	4120		(20.7)
-1.5 m (-4.9 ft)	kg	*4840	*4840	*8060	5420	4090	2960		2860	2120		5.76
	lb	*10670	*10670	*17770	11950	9020	6530		6310	4670		(18.9)
-3.0 m (-9.8 ft)	kg	*9260	*9260	*6910	5530	4160	3030		3960	2900		4.66
	lb	*20410	*20410	*15230	12190	9170	6680		8730	6390		(15.3)

Note 1. Lifting capacity are based on ISO 10567.

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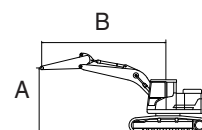
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

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2810	2100	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												
6.0 m (19.7 ft)	kg lb					*2480 *5470	*2480 *5470			*1770 *3900	*1770 *3900	5.34 (17.5)
4.5 m (14.8 ft)	kg lb					*2560 *5640	*2560 *5640	*2380 *5250	2230 4920	*1610 *3550	*1610 *3550	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*3800 *8380	*3800 *8380	*3220 *7100	*3220 *7100	*2990 *6590	2180 4810	*1590 *3510	*1590 *3510	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			*6260 *13800	6070 13380	*4150 *9150	3230 7120	*3390 *7470	2100 4630	*1660 *3660	1640 3620	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			*7840 *17280	5680 12520	*4940 *10890	3070 6770	*3750 *8270	2030 4480	*1840 *4060	1670 3680	6.87 (22.5)
-1.5 m (-4.9 ft)	kg lb	*4140 *9130	*4140 *9130	*8160 *17990	5580 12300	*5280 *11640	2990 6590	*3840 *8470	2000 4410	*2220 *4890	1850 4080	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb	*7290 *16070	*7290 *16070	*7460 *16450	5630 12410	*4910 *10820	3010 6640			*3130 *6900	2360 5200	5.38 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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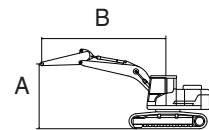
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









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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2810	2100	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												
6.0 m (19.7 ft)	kg lb					*2480 *5470	*2480 *5470			*1770 *3900	*1770 *3900	5.34 (17.5)
4.5 m (14.8 ft)	kg lb					*2560 *5640	*2560 *5640	*2380 *5250	2060 4540	*1610 *3550	*1610 *3550	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*3800 *8380	*3800 *8380	*3220 *7100	3180 7010	2690 5930	2020 4450	*1590 *3510	*1590 *3510	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			*6260 *13800	5510 12150	4080 8990	2980 6570	2610 5750	1940 4280	*1660 *3660	1510 3330	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			7730 17040	5140 11330	3900 8600	2810 6190	2530 5580	1860 4100	*1840 *4060	1530 3370	6.87 (22.5)
-1.5 m (-4.9 ft)	kg lb	*4140 *9130	*4140 *9130	7600 16760	5040 11110	3820 8420	2740 6040	2500 5510	1830 4030	*2220 *4890	1700 3750	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb	*7290 *16070	*7290 *16070	*7460 *16450	5100 11240	3840 8470	2760 6080			2970 6550	2170 4780	5.38 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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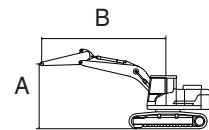
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









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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2810	2450	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												
6.0 m (19.7 ft)	kg lb					*2480 *5470	*2480 *5470			*1770 *3900	*1770 *3900	5.34 (17.5)
4.5 m (14.8 ft)	kg lb					*2560 *5640	*2560 *5640	*2380 *5250	2360 5200	*1610 *3550	*1610 *3550	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*3800 *8380	*3800 *8380	*3220 *7100	*3220 *7100	*2990 *6590	2310 5090	*1590 *3510	*1590 *3510	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			*6260 *13800	*6260 *13800	*4150 *9150	3420 7540	*3390 *7470	2230 4920	*1660 *3660	*1660 *3660	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			*7840 *17280	6020 13270	*4940 *10890	3260 7190	*3750 *8270	2160 4760	*1840 *4060	1780 3920	6.87 (22.5)
-1.5 m (-4.9 ft)	kg lb	*4140 *9130	*4140 *9130	*8160 *17990	5920 13050	*5280 *11640	3180 7010	*3840 *8470	2130 4700	*2220 *4890	1970 4340	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb	*7290 *16070	*7290 *16070	*7460 *16450	5970 13160	*4910 *10820	3200 7050			*3130 *6900	2510 5530	5.38 (17.6)

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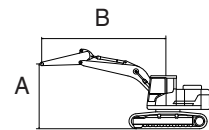
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









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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX130A LCRD	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4300	2810	2450	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
												
6.0 m (19.7 ft)	kg lb					*2480 *5470	*2480 *5470			*1770 *3900	*1770 *3900	5.34 (17.5)
4.5 m (14.8 ft)	kg lb					*2560 *5640	*2560 *5640	*2380 *5250	2190 4830	*1610 *3550	*1610 *3550	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*3800 *8380	*3800 *8380	*3220 *7100	*3220 *7100	2850 6280	2140 4720	*1590 *3510	*1590 *3510	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			*6260 *13800	5830 12850	*4150 *9150	3160 6970	2760 6080	2060 4540	*1660 *3660	1610 3550	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			*7840 *17280	5460 12040	4130 9110	2990 6590	2680 5910	1990 4390	*1840 *4060	1640 3620	6.87 (22.5)
-1.5 m (-4.9 ft)	kg lb	*4140 *9130	*4140 *9130	8040 17730	5360 11820	4040 8910	2920 6440	2650 5840	1960 4320	*2220 *4890	1820 4010	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb	*7290 *16070	*7290 *16070	*7460 *16450	5410 11930	4070 8970	2940 6480			*3130 *6900	2310 5090	5.38 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

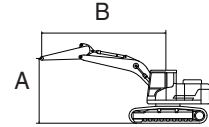
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.









4) HX130A LCRD 2-PIECE BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCRD	2-PIECE BOOM	4556	1960	2456	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
6.0 m (19.7 ft)	kg			*3310	*3310			*2670	*2670	4.66
	lb			*7300	*7300			*5890	*5890	(15.3)
4.5 m (14.8 ft)	kg	*3650	*3650	*3290	*3290			*2360	*2360	5.77
	lb	*8050	*8050	*7250	*7250			*5200	*5200	(18.9)
3.0 m (9.8 ft)	kg	*5580	*5580	*3900	3540	*3360	2270	*2300	2070	6.34
	lb	*12300	*12300	*8600	7800	*7410	5000	*5070	4560	(20.8)
1.5 m (4.9 ft)	kg			*4670	3320	*3630	2190	*2380	1930	6.53
	lb			*10300	7320	*8000	4830	*5250	4250	(21.4)
0.0 m (0.0 ft)	kg	*4590	*4590	*5130	3190	*3810	2140	*2640	1980	6.35
	lb	*10120	*10120	*11310	7030	*8400	4720	*5820	4370	(20.8)
-1.5 m (-4.9 ft)	kg	*7520	5880	*5080	3160			*3220	2250	5.79
	lb	*16580	12960	*11200	6970			*7100	4960	(19.0)
-3.0 m (-9.8 ft)	kg	*6220	6030	*4080	3260					
	lb	*13710	13290	*8990	7190					

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

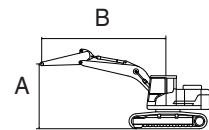
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCRD	2-PIECE BOOM	4556	1960	2450	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
6.0 m (19.7 ft)	kg			*3310	*3310			*2670	*2670	4.66
	lb			*7300	*7300			*5890	*5890	(15.3)
4.5 m (14.8 ft)	kg	*3650	*3650	*3290	*3290			*2360	2270	5.77
	lb	*8050	*8050	*7250	*7250			*5200	5000	(18.9)
3.0 m (9.8 ft)	kg	*5580	*5580	*3900	3270	2820	2100	*2300	1910	6.34
	lb	*12300	*12300	*8600	7210	6220	4630	*5070	4210	(20.8)
1.5 m (4.9 ft)	kg			4230	3050	2740	2020	*2380	1780	6.53
	lb			9330	6720	6040	4450	*5250	3920	(21.4)
0.0 m (0.0 ft)	kg	*4590	*4590	4080	2920	2680	1960	2470	1820	6.35
	lb	*10120	*10120	8990	6440	5910	4320	5450	4010	(20.8)
-1.5 m (-4.9 ft)	kg	*7520	5310	4050	2890			2820	2070	5.79
	lb	*16580	11710	8930	6370			6220	4560	(19.0)
-3.0 m (-9.8 ft)	kg	*6220	5460	*4080	2990					
	lb	*13710	12040	*8990	6590					

Note 1. Lifting capacity are based on ISO 10567.

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

※ Lifting capacities are based upon a standard machine conditions.

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

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

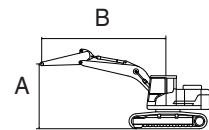
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCRD	2-PIECE BOOM	4556	2260	2450	600	-	Down	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach	
									m (ft)	
7.5 m (24.6 ft)	kg lb	*3460 *7630	*3460 *7630					*3330 *7340	*3330 *7340	3.05 (10.0)
6.0 m (19.7 ft)	kg lb			*2950 *6500	*2950 *6500			*2400 *5290	*2400 *5290	5.06 (16.6)
4.5 m (14.8 ft)	kg lb			*3050 *6720	*3050 *6720	*2590 *5710	2330 5140	*2150 *4740	*2150 *4740	6.09 (20.0)
3.0 m (9.8 ft)	kg lb	*5080 *11200	*5080 *11200	*3690 *8140	3570 7870	*3200 *7050	2280 5030	*2100 *4630	1930 4250	6.64 (21.8)
1.5 m (4.9 ft)	kg lb			*4500 *9920	3340 7360	*3520 *7760	2200 4850	*2170 *4780	1810 3990	6.81 (22.4)
0.0 m (0.0 ft)	kg lb	*4930 *10870	*4930 *10870	*5050 *11130	3180 7010	*3760 *8290	2120 4670	*2390 *5270	1840 4060	6.65 (21.8)
-1.5 m (-4.9 ft)	kg lb	*7690 *16950	5830 12850	*5110 *11270	3130 6900	*3640 *8020	2110 4650	*2870 *6330	2070 4560	6.11 (20.1)
-3.0 m (-9.8 ft)	kg lb	*6590 *14530	5950 13120	*4410 *9720	3190 7030			*3600 *7940	2720 6000	5.09 (16.7)

Note 1. Lifting capacity are based on ISO 10567.

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

※ Lifting capacities are based upon a standard machine conditions.

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

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

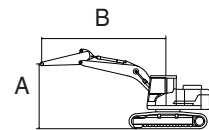
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.









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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX130A LCRD	2-PIECE BOOM	4556	2260	2450	600	-	Up	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)						At max. reach		
	3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
									m (ft)
7.5 m (24.6 ft)	kg *3460 lb *7630	kg *3460 lb *7630					kg *3330 lb *7340	kg *3330 lb *7340	3.05 (10.0)
6.0 m (19.7 ft)			kg *2950 lb *6500	kg *2950 lb *6500			kg *2400 lb *5290	kg *2400 lb *5290	5.06 (16.6)
4.5 m (14.8 ft)			kg *3050 lb *6720	kg *3050 lb *6720	kg *2590 lb *5710	2150 4740	kg *2150 lb *4740	2090 4610	6.09 (20.0)
3.0 m (9.8 ft)	kg *5080 lb *11200	kg *5080 lb *11200	kg *3690 lb *8140	3300 7280	2840 6260	2110 4650	kg *2100 lb *4630	1780 3920	6.64 (21.8)
1.5 m (4.9 ft)			4250 9370	3070 6770	2740 6040	2020 4450	kg *2170 lb *4780	1660 3660	6.81 (22.4)
0.0 m (0.0 ft)	kg *4930 lb *10870	kg *4930 lb *10870	4080 8990	2910 6420	2670 5890	1950 4300	kg 2300 lb 5070	1690 3730	6.65 (21.8)
-1.5 m (-4.9 ft)	kg *7690 lb *16950	5260 11600	4020 8860	2860 6310	2660 5860	1940 4280	2590 5710	1900 4190	6.11 (20.1)
-3.0 m (-9.8 ft)	kg *6590 lb *14530	5380 11860	4090 9020	2930 6460			3440 7580	2500 5510	5.09 (16.7)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

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

6. BUCKET SELECTION GUIDE

1) HX130A LCR/LCRD, 2100 kg COUNTERWEIGHT



General bucket

Type	Counterweight					2100 kg		
	Capacity		Width	Weight	Tooth	MONO		
	SAE Heaped	CECE heaped	Without side cutter			4.3 m (14' 1") Boom		
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	kg (lb)	EA	1.96 m (6' 5") Arm	2.26 m (7' 5") Arm	2.81 m (9' 3") Arm
General bucket	0.50 (0.65)	0.46 (0.60)	762 (30.0")	425 (940)	4	●	●	●
	0.61 (0.80)	0.56 (0.73)	914 (36.0")	473 (1040)	5	◐	■	■
	0.58 (0.76)	0.50 (0.65)	950 (37.4")	438 (970)	5	●	◐	■
	0.50 (0.65)	0.44 (0.58)	900 (35.4")	425 (940)	4	●	●	◐
	0.59 (0.77)	0.52 (0.68)	1050 (41.3")	473 (1040)	5	●	◐	■

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

2) HX130A LCR/LCRD, 2450 kg COUNTERWEIGHT



General bucket

Type	Counterweight					2100 kg				
	Capacity		Width	Weight	Tooth	MONO				
	SAE Heaped	CECE heaped	Without side cutter			4.3 m (14' 1") Boom			4.56 m (14' 11") Boom	
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	kg (lb)	EA	1.96 m (6' 5") Arm	2.26 m (7' 5") Arm	2.81 m (9' 3") Arm	1.96 m (6' 5") Arm	2.26 m (7' 5") Arm
General bucket	0.50 (0.65)	0.46 (0.60)	762 (30.0")	425 (940)	4	●	●	●	●	●
	0.61 (0.80)	0.56 (0.73)	914 (36.0")	473 (1040)	5	●	◐	■	◐	■
	0.58 (0.76)	0.50 (0.65)	950 (37.4")	438 (970)	5	●	◐	◐	◐	◐
	0.50 (0.65)	0.44 (0.58)	900 (35.4")	425 (940)	4	●	●	●	●	●
	0.59 (0.77)	0.52 (0.68)	1050 (41.3")	473 (1040)	5	●	◐	■	◐	■

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

7. UNDERCARRIAGE

1) TYPES OF SHOES

Model	Description	Unit		Triple grouser					
	width	mm	(in)	500	(20")	600	(24")	700	(28")
HX130A LCR	Operating weight	kg	(lb)	13265	29240	13445	29640	13605	29990
	Ground pressure	kgf/cm ²	(psi)	0.44	(6.26)	0.37	(5.28)	0.32	(4.58)
	Overall width	mm		2490	(8' 2")	2590	(8' 6")	2690	(8' 10")
	Link quantity	EA		43		43		43	
HX130A LCRD	Operating weight	kg	(lb)	14090	31060	14275	31470	14445	31850
	Ground pressure	kgf/cm ²	(psi)	0.47	(6.64)	0.39	(5.60)	0.34	(4.86)
	Overall width	mm		2490	(8' 2")	2590	(8' 6")	2690	(8' 10")
	Link quantity	EA		43		43		43	

Model	Description	Unit		Triple grouser-HW				Rubber pad	
	width	mm	(in)	600	(24")	700	(28")	500	(20")
HX130A LCR	Operating weight	kg	(lb)	13770	30360	13970	30800	13420	29590
	Ground pressure	kgf/cm ²	(psi)	0.38	(5.40)	0.33	(4.71)	0.44	(6.22)
	Overall width	mm		2590	(8' 6")	2690	(8' 10")	2490	(8' 2")
	Link quantity	EA		43		43		43	
HX130A LCRD	Operating weight	kg	(lb)	14600	32190	14810	32650	14240	31390
	Ground pressure	kgf/cm ²	(psi)	0.40	(5.73)	0.35	(4.98)	0.46	(6.59)
	Overall width	mm		2590	(8' 6")	2690	(8' 10")	2490	(8' 2")
	Link quantity	EA		43		43		43	

2) SELECTION OF TRACK SHOE

Suitable track shoes should be selected according to operating conditions.

Method of selecting shoes

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

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

Table 1

Model	Track shoe	Specification	Category
HX130A LCR LCRD	500 mm triple grouser	Standard	A
	600 mm triple grouser	Option	B
	700 mm triple grouser	Option	C
	600 mm triple grouser-HW	Option	B
	700 mm triple grouser-HW	Option	C
	500 mm rubber pad	Option	C

Table 2

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

8. SPECIFICATIONS FOR MAJOR COMPONENTS

1) ENGINE

Item	Specification
Maker / Model	Cummins / F3.8
Type	4-cycle, turbocharged, charge air cooled, electronic controlled diesel engine
Cooling method	Water cooled
Number of cylinders and arrangement	4 cylinders, in-line
Firing order	1-3-4-2
Combustion chamber type	Direct injection type
Cylinder bore × stroke	102 × 115 mm (4.02" × 4.53")
Displacement	3.8 ℓ (229 cu in)
Compression ratio	17.2 : 1
Gross power	74 Hp (55 kW) at 2200 rpm
Net power	72 Hp (54 kW) at 2200 rpm
Max. power	74 Hp (55 kW) at 2200 rpm
Peak Torque	400 N · m (295 lbf · ft) at 1300 rpm
Engine oil quantity	12 ℓ (3.2 U.S. gal)
Wet weight	348 kg (757 lb)
Starter motor	24 V-4.8 kW
Alternator	24 V-70 A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 65 cc/rev
Maximum pressure	350 kgf/cm ² (4980 psi)
Maximum pressure (power boost)	380 kgf/cm ² (5400 psi)
Rated oil flow	2 × 117 ℓ /min (30.9 U.S. gpm / 25.7 U.K. gpm)
Rated speed	1800 rpm

3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	15 cc/rev
Maximum pressure	40 kgf/cm ² (570 psi)
Rated oil flow	27 ℓ /min (7.1 U.S. gpm/5.9 U.K. gpm)

4) MAIN CONTROL VALVE

Item	Specification		
Type	11 spools two block		
Operating method	Hydraulic pilot system		
Main relief valve pressure	330 kgf/cm ² (4700 psi) [360 kgf/cm ² (5130 psi)]		
Port relief valve pressure	Boom	380 kgf/cm ² (5410 psi)	
	Arm	LC	380 kgf/cm ² (5410 psi)
		SC	400 kgf/cm ² (5690 psi)
	Bucket	380 kgf/cm ² (5410 psi)	

[] : Power boost

5) SWING MOTOR

Item	Specification
Type	Fixed displacement axial piston motor
Capacity	72 cc/rev
Relief pressure	280 kgf/cm ² (3990 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	640 kgf · m (4629 lbf · ft) over
Brake release pressure	24 kgf/cm ² (341 psi)
Reduction gear type	2 - stage planetary

6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Capacity	77/44.5 cc/rev
Relief pressure	350 kgf/cm ² (4629 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	1779 kgf · m (12868 lbf · ft)
Brake release pressure	12.5~15.9 kgf/cm ² (202~239 psi)
Reduction gear type	2-stage planetary

7) CYLINDER

Item		Specification
Boom cylinder (mono, 2-piece boom 1st)	Bore dia × Stroke	Ø100× 1015 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø110 × 1070 mm
	Cushion	Extend and retract
Adjust cylinder (2-piece boom)	Bore dia × Stroke	Ø145×613 mm
	Cushion	-
Adjust boom cylinder (2-piece boom)	Bore dia × Stroke	Ø100×975 mm
	Cushion	Extend only
Bucket cylinder	Bore dia × Stroke	Ø110 × 855 mm
	Cushion	Extend only
Dozer cylinder	Bore dia × Stroke	Ø100 × 240 mm
	Cushion	-

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

9. RECOMMENDED OILS

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

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

Service point	Kind of fluid	Capacity ℓ (U.S. gal)	Ambient temperature °C (°F)									
			-50 (-58)	-30 (-22)	-20 (-4)	-10 (14)	0 (32)	10 (50)	20 (68)	30 (86)	40 (104)	
Engine oil pan	Engine oil	12.0 (3.2)	★SAE 0W-40									
			SAE 5W-40									
			SAE 15W-40									
Swing drive	Gear oil	3.2 (0.9)	★SAE 75W-90									
Final drive		2.3 (0.6)x2	SAE 80W-90									
Hydraulic tank	Hydraulic oil	Tank 96 (25.4)	★ISO VG 15									
		System 160 (42.3)	ISO VG 32									
			ISO VG 46, HBHO VG 46★ ³									
			ISO VG 68									
Fuel tank	Diesel fuel★ ¹	240 (63.4)	★ASTM D975 NO.1									
			ASTM D975 NO.2									
Fitting (grease nipple)	Grease	As required	★NLGI NO.1									
			NLGI NO.2									
Radiator (reservoir tank)	Mixture of antifreeze and soft water★ ²	24.5 (6.47)	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 : Ultra low sulfur diesel
- sulfur content ≤ 15 ppm

★² : Soft water
City water or distilled water

★³ : HD Hyundai Construction Equipment
Bio Hydraulic Oil

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

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

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

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