

SECTION 1 GENERAL

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SECTION 1 GENERAL

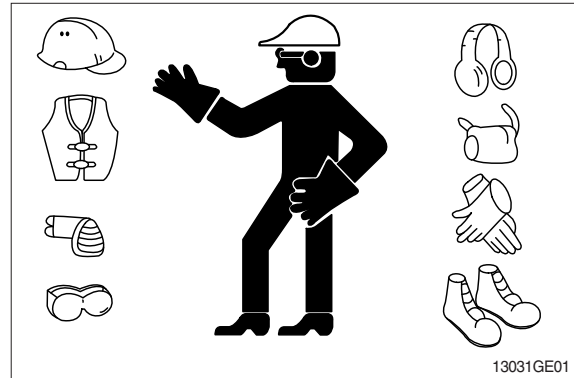
GROUP 1 SAFETY

FOLLOW SAFE PROCEDURE

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

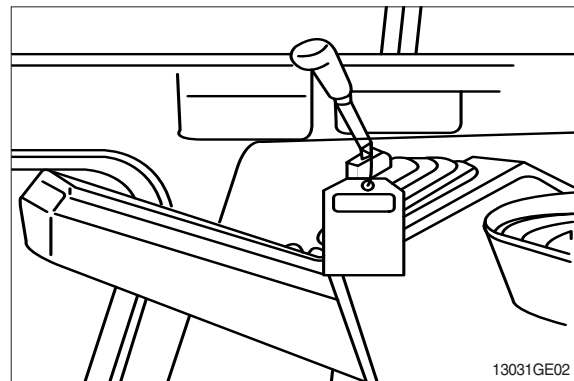
WEAR PROTECTIVE CLOTHING

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



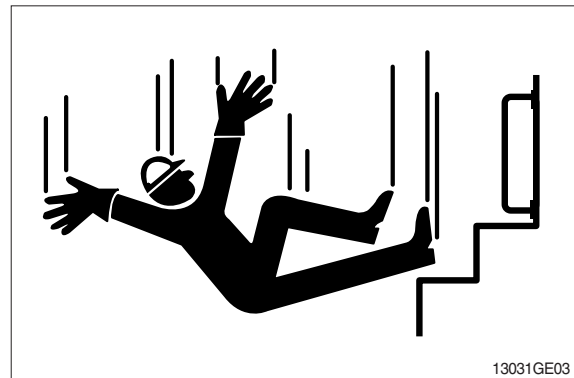
WARN OTHERS OF SERVICE WORK

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.

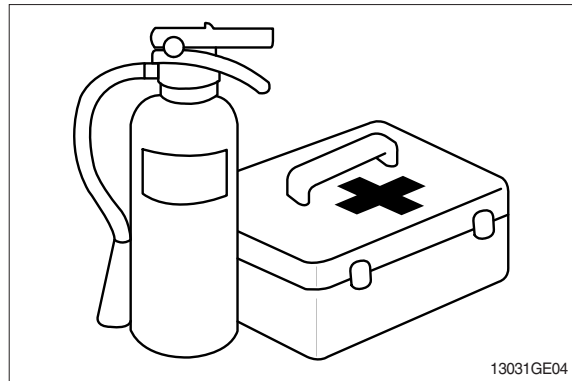


PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

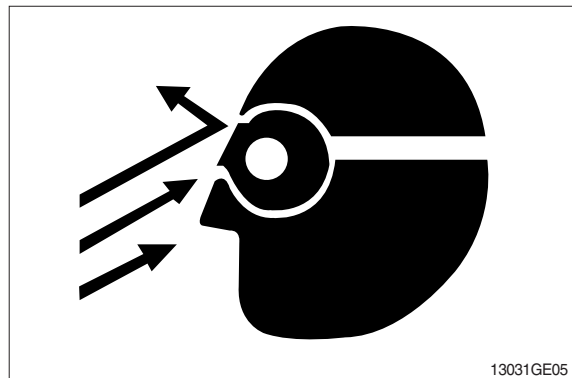
Keep a first aid kit and fire extinguisher handy.

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



PROTECT AGAINST FLYING DEBRIS

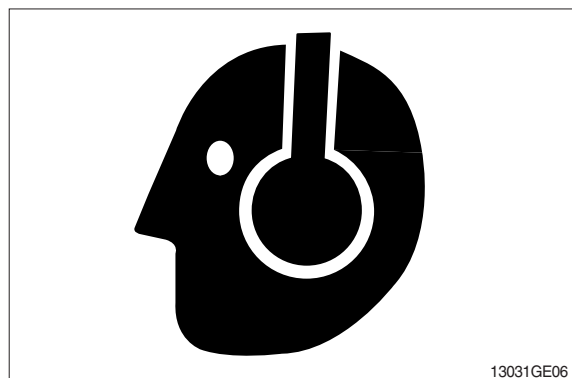
Guard against injury from flying pieces of metal or debris; Wear goggles or safety glasses.



PROTECT AGAINST NOISE

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

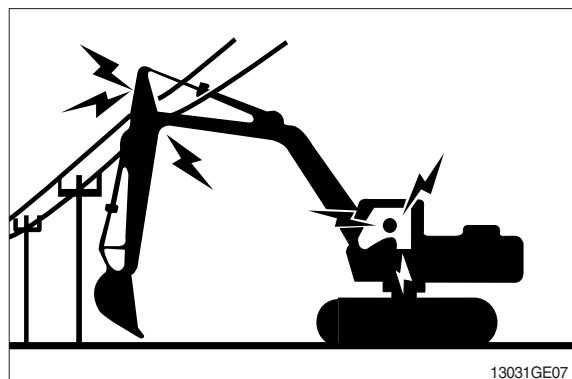
Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



AVOID POWER LINES

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

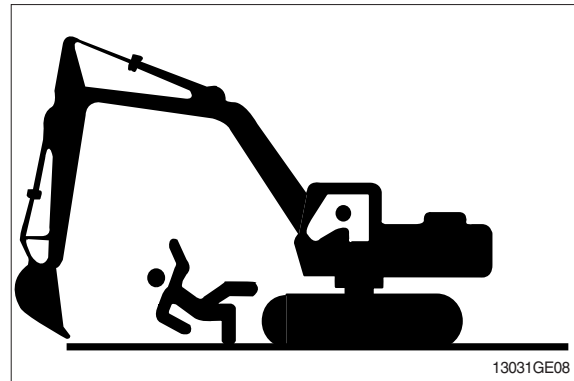
Never move any part of the machine or load closer to electric line than 3m(10ft) plus twice the line insulator length.



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.

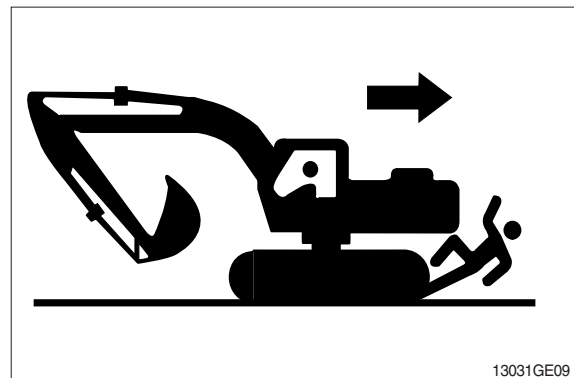


MOVE AND OPERATE MACHINE SAFELY

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:

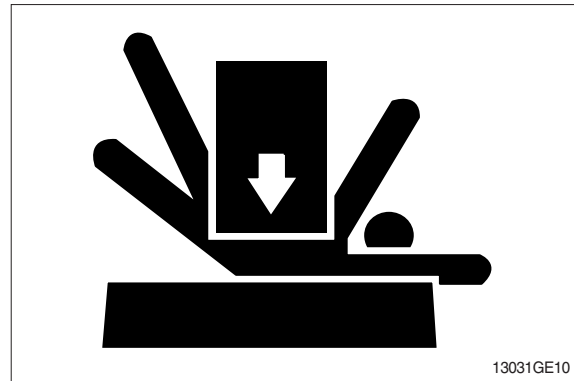
- Park machine on a level surface.
- Lower bucket to the ground.
- Turn auto idle switch off.
- Run engine at 1/2 speed without load for 2 minutes.
- Turn key switch to OFF to stop engine. Remove key from switch.
- Move pilot control shutoff lever to locked position.
- Allow engine to cool.

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.

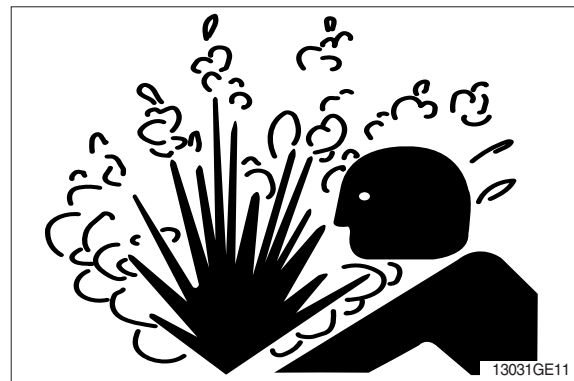
Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



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

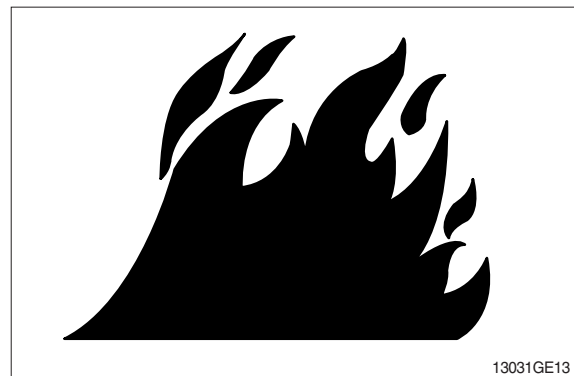
Handle fuel with care; It is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks. Always stop engine before refueling machine. Fill fuel tank outdoors.



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

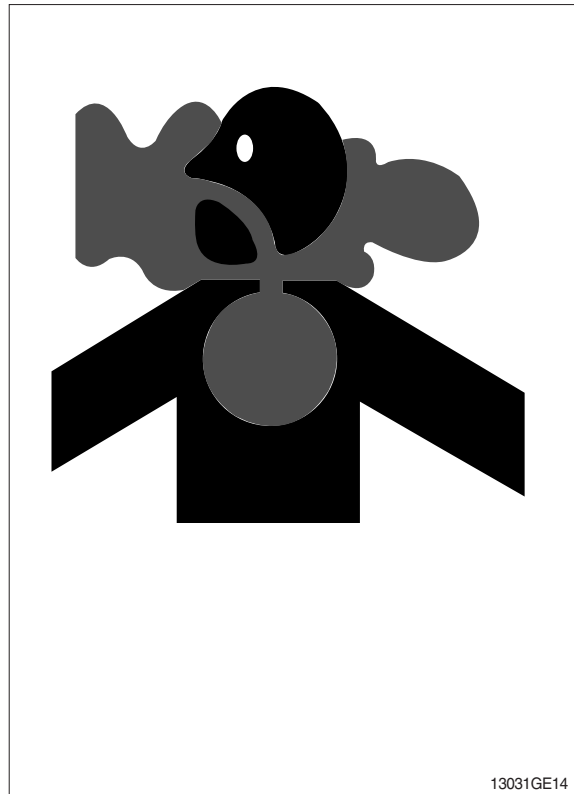
Avoid potentially toxic fumes and dust.

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

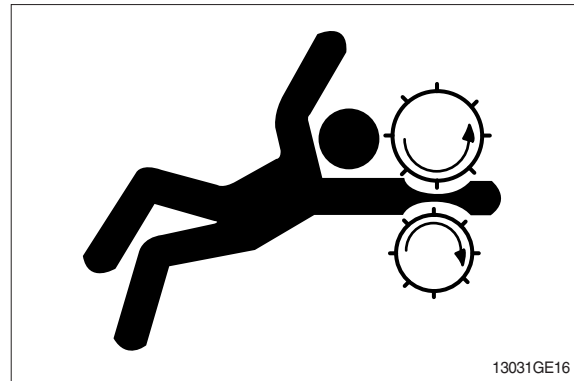
Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.



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.

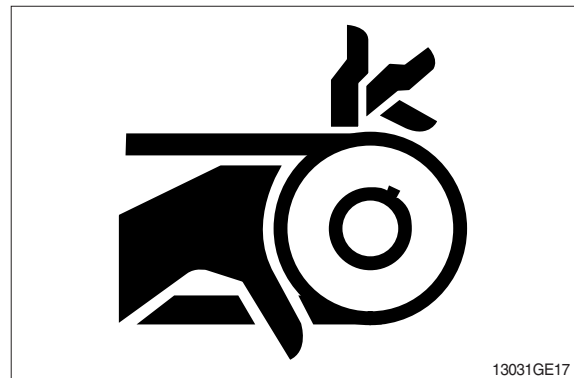
Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



STAY CLEAR OF MOVING PARTS

Entanglements in moving parts can cause serious injury.

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



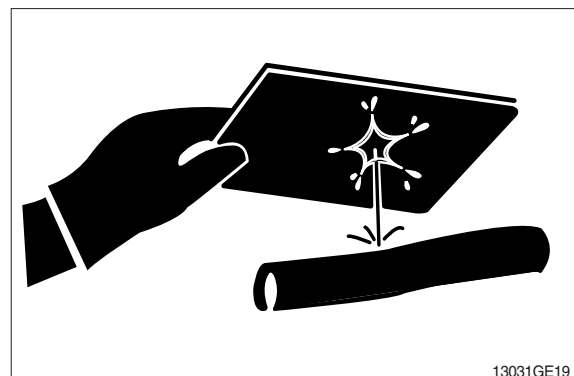
AVOID HIGH PRESSURE FLUIDS

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.

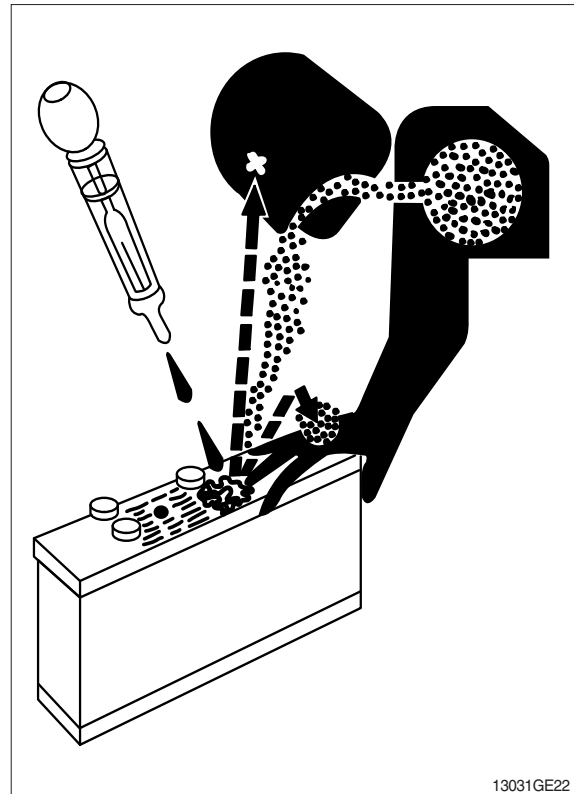
USE TOOLS PROPERLY

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

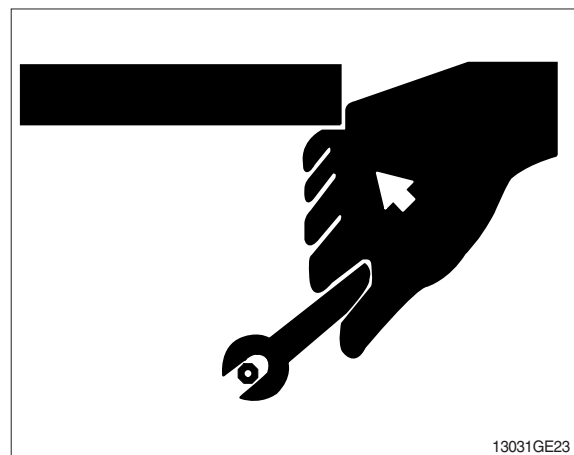
Use power tools only to loosen threaded tools and fasteners.

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.)



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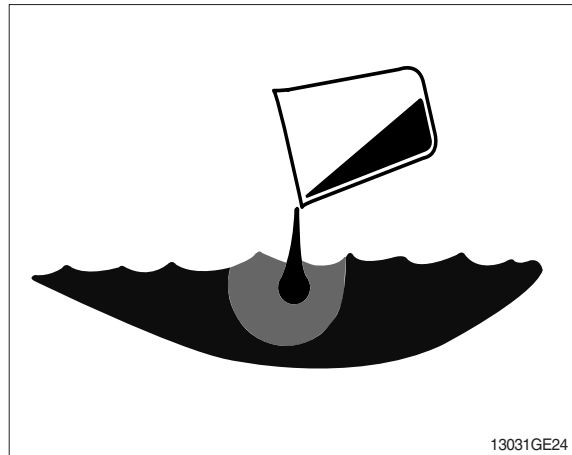
13031GE23

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.

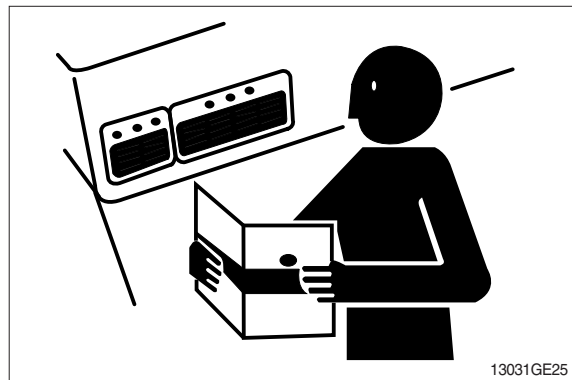
Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

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.

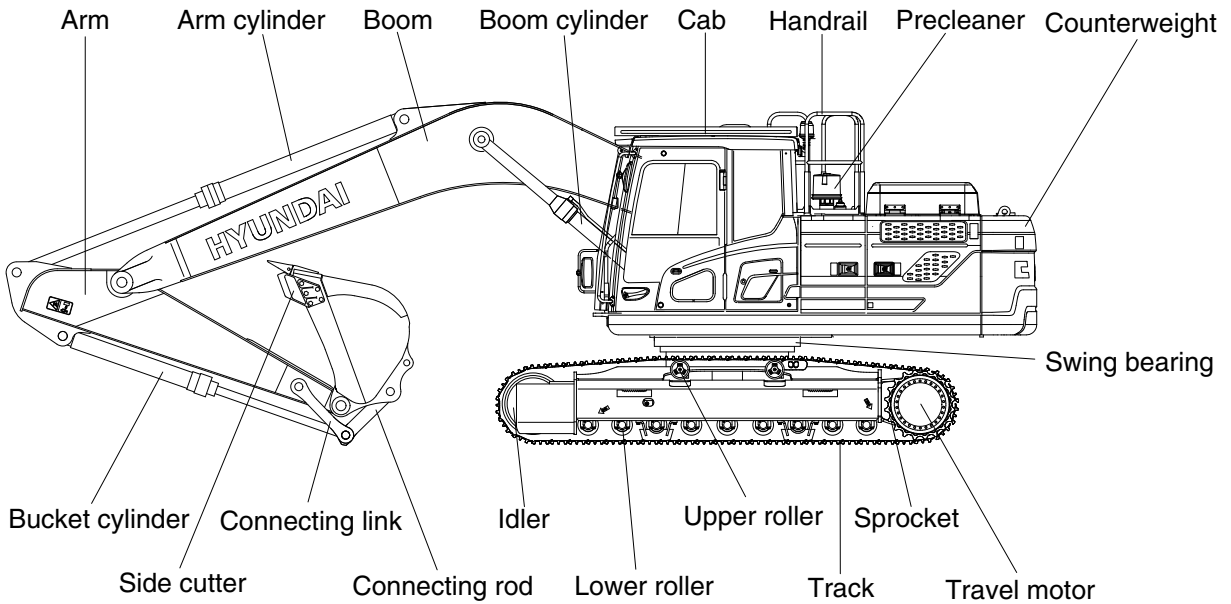
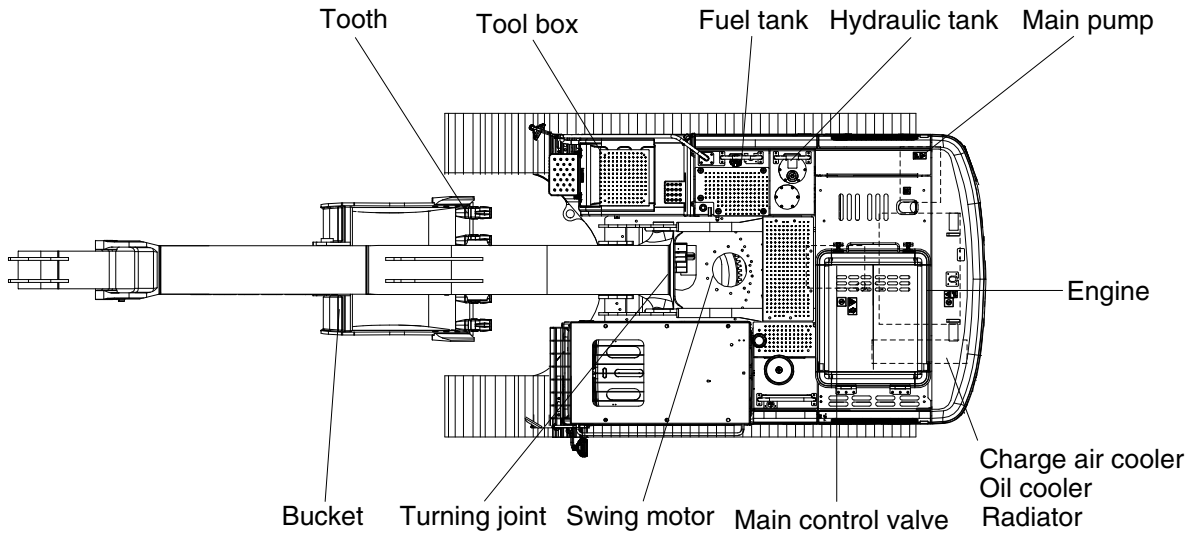


LIVE WITH SAFETY

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

GROUP 2 SPECIFICATIONS

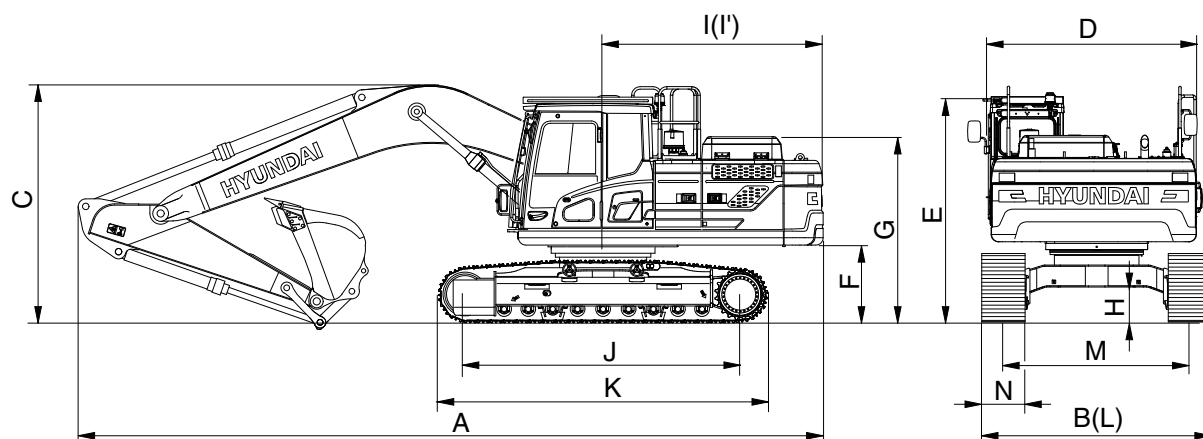
1. MAJOR COMPONENT



260SA2SP01

2. SPECIFICATIONS

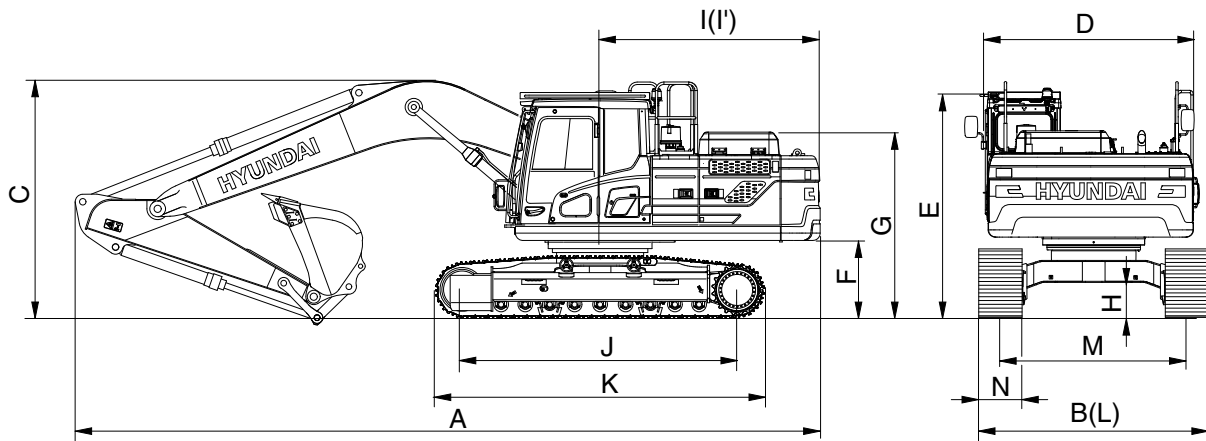
1) HX260LT3, MONO BOOM



260SA2SP02

Description	Unit		Specification				
	m (ft-in)	Boom	5.85 (19' 2")				
		Arm	3.05 (10' 0")	2.10 (6' 11")	2.50 (8' 2")	3.60 (11' 10")	
	mm (in)	Shoe	600 (24)				
Operating weight	kg (lb)		26060 (57450)	25930 (57170)	25990 (57300)	26240 (57850)	
Bucket capacity (SAE heaped) standard	m ³ (yd ³)		1.08 (1.41)	1.08 (1.41)	1.08 (1.41)	1.08 (1.41)	
Overall length	A	mm (ft-in)	10010 (32' 10")	10170 (33' 4")	10070 (33' 0")	10040 (32' 11")	
Overall width	B		3180 (10' 5")	3180 (10' 5")	3180 (10' 5")	3180 (10' 5")	
Overall height of boom	C		3230 (10' 7")	3480 (11' 5")	3360 (11' 0")	3360 (11' 0")	
Superstructure width	D		2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	
Overall height of cab	E		3050 (10' 0")	3050 (10' 0")	3050 (10' 0")	3050 (10' 0")	
Ground clearance of counterweight	F		1110 (3' 8")	1110 (3' 8")	1110 (3' 8")	1110 (3' 8")	
Overall height of engine hood	G		2580 (8' 6")	2580 (8' 6")	2580 (8' 6")	2580 (8' 6")	
Overall height of handrail	G'		3260 (10' 8")	3260 (10' 8")	3260 (10' 8")	3260 (10' 8")	
Minimum ground clearance	H		480 (1' 7")	480 (1' 7")	480 (1' 7")	480 (1' 7")	
Rear-end distance	I		2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	
Rear-end swing radius	I'		3085 (10' 1")	3085 (10' 1")	3085 (10' 1")	3085 (10' 1")	
Distance between tumblers	J		3830 (12' 7")	3830 (12' 7")	3830 (12' 7")	3830 (12' 7")	
Undercarriage length	K		4640 (15' 3")	4640 (15' 3")	4640 (15' 3")	4640 (15' 3")	
Undercarriage width	L		3180 (10' 5")	3180 (10' 5")	3180 (10' 5")	3180 (10' 5")	
Track gauge	M		2580 (8' 6")	2580 (8' 6")	2580 (8' 6")	2580 (8' 6")	
Track shoe width standard	N		600 (24")	600 (24")	600 (24")	600 (24")	
Travel speed (low/high)	km/hr (mph)			3.2/5.6	3.2/5.6	3.2/5.6	3.2/5.6
Swing speed	rpm			10.9	10.9	10.9	10.9
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)		0.53 (7.54)	0.53 (7.50)	0.53 (7.52)	0.53 (7.59)	
Max traction force	kg (lb)		22193 48927	22193 48927	22193 48927	22193 48927	

2) HX260LT3, HW

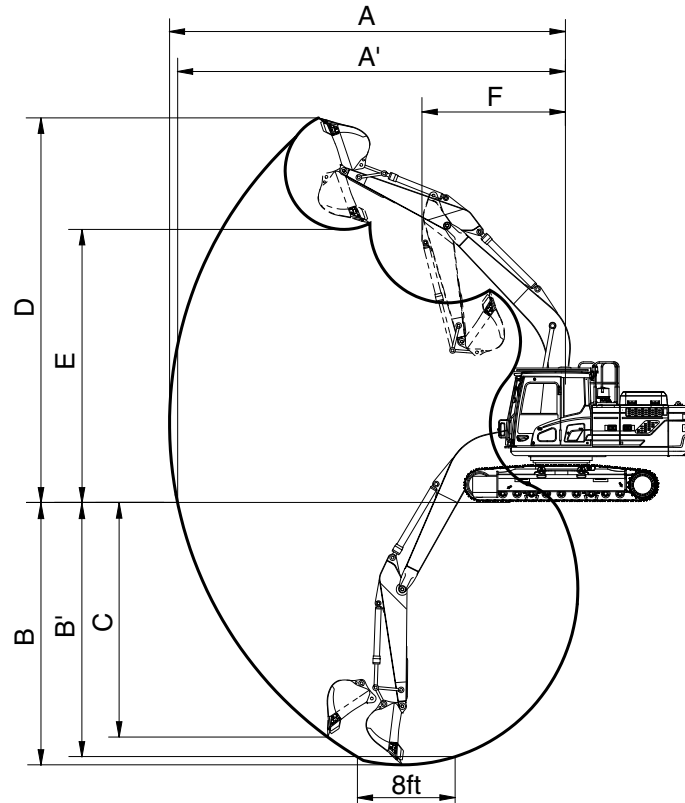


260SA2SP02

Description	Unit		Specification			
	m (ft-in)	Boom	5.85 (19' 2")			
		Arm	3.05 (10' 0")	2.10 (6' 11")	2.50 (8' 2")	3.60 (11' 10")
mm (in)	Shoe	600 (24)				
Operating weight	kg (lb)	30710 (67700)	30580 (67420)	30640 (67550)	30890 (68100)	
Bucket capacity (SAE heaped) standard	m ³ (yd ³)	1.08 (1.4)	1.08 (1.4)	1.08 (1.4)	1.08 (1.4)	
Overall length	A	mm (ft-in)	9870 (32' 5")	10160 (33' 4")	10020 (32' 10")	10040 (32' 11")
Overall width	B		3390 (11' 1")	3390 (11' 1")	3390 (11' 1")	3390 (11' 1")
Overall height of boom	C		3220 (10' 7")	3630 (11' 11")	3460 (11' 4")	3610 (11' 10")
Superstructure width	D		2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")
Overall height of cab	E		3395 (11' 2")	3395 (11' 2")	3395 (11' 2")	3395 (11' 2")
Ground clearance of counterweight	F		1475 (4' 10")	1475 (4' 10")	1475 (4' 10")	1475 (4' 10")
Overall height of engine hood	G		2925 (9' 7")	2925 (9' 7")	2925 (9' 7")	2925 (9' 7")
Overall height of handrail	G'		3605 (11' 10")	3605 (11' 10")	3605 (11' 10")	3605 (11' 10")
Minimum ground clearance	H		765 (2' 6")	765 (2' 6")	765 (2' 6")	765 (2' 6")
Rear-end distance	I		2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Rear-end swing radius	I'		3085 (10' 1")	3085 (10' 1")	3085 (10' 1")	3085 (10' 1")
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		3390 (11' 1")	3390 (11' 1")	3390 (11' 1")	3390 (11' 1")
Track gauge	M		2790 (9' 2")	2790 (9' 2")	2790 (9' 2")	2790 (9' 2")
Track shoe width standard	N		600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)	km/hr (mph)	2.6/4.7 1.6/2.9	2.6/4.7 1.6/2.9	2.6/4.7 1.6/2.9	2.6/4.7 1.6/2.9	
Swing speed	rpm	10.9	10.9	10.9	10.9	
Gradeability	Degree (%)	35 (70)	35 (70)	35 (70)	35 (70)	
Ground pressure	kgf/cm ² (psi)	0.59 (8.41)	0.59 (8.37)	0.59 (8.39)	0.60 (8.46)	
Max traction force	kg (lb)	27405 (60418)	27405 (60418)	27405 (60418)	27405 (60418)	

3. WORKING RANGE AND DIGGING FORCE

1) HX260LT3, MONO BOOM

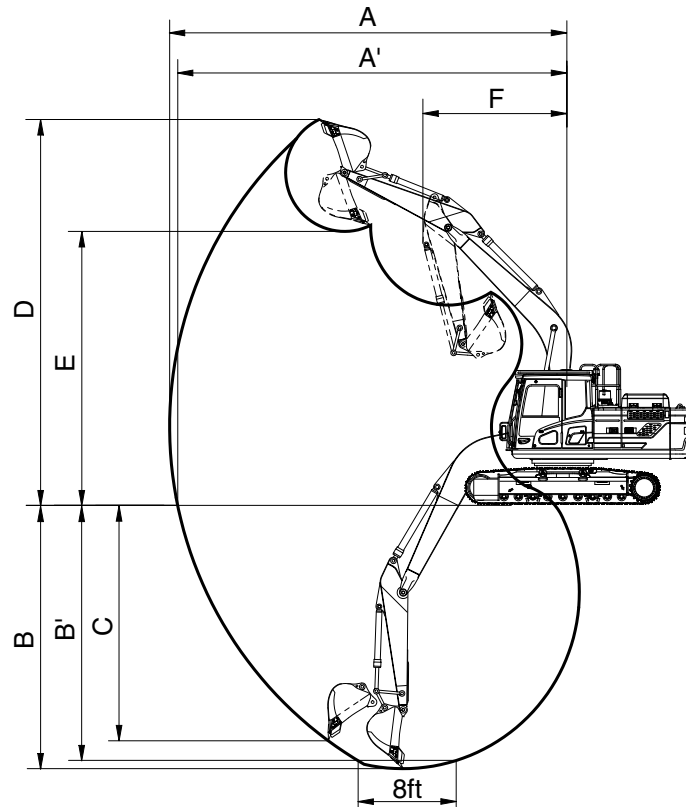


260SA2SP10

Description	m (ft-in)	Boom	5.85 (19' 2")			
		Arm	3.05 (10' 0")	2.10 (6' 11")	2.50 (8' 2")	3.60 (11' 10")
Max digging reach	mm (ft-in)	A	10360 (34' 0")	9560 (31' 4")	9870 (32' 5")	10870 (35' 8")
Max digging reach on ground		A'	10190 (33' 5")	9370 (30' 9")	9690 (31' 9")	10710 (35' 2")
Max digging depth		B	7010 (23' 0")	6060 (19' 11")	6460 (21' 2")	7560 (24' 10")
Max digging depth (8 ft level)		B'	6850 (22' 6")	5850 (19' 2")	6280 (20' 7")	7420 (24' 4")
Max vertical wall digging depth		C	6170 (20' 3")	5520 (18' 1")	5680 (18' 8")	6860 (22' 6")
Max digging height		D	10260 (33' 8")	9950 (32' 8")	10020 (32' 10")	10560 (34' 8")
Max dumping height		E	7150 (23' 5")	6800 (22' 4")	6900 (22' 8")	7430 (24' 5")
Min swing radius		F	3450 (11' 4")	3840 (12' 7")	3190 (10' 6")	3150 (10' 4")
Bucket digging force	kN	SAE	154.0 [168]	153.0 [166.9]	154.0 [168]	154.0 [168]
	kgf		15700 [17130]	15600 [17020]	15700 [17130]	15700 [17130]
	lbf		34610 [37770]	34390 [37520]	34610 [37770]	34610 [37770]
	kN	ISO	178.5 [194.7]	177.5 [193.7]	177.5 [193.7]	178.5 [194.7]
	kgf		18200 [19850]	18100 [19750]	18100 [19750]	18200 [19850]
	lbf		40120 [43760]	39900 [43540]	39900 [43540]	40120 [43760]
Arm digging force	kN	SAE	112.8 [123.1]	158.9 [173.3]	134.4 [146.6]	103.0 [112.3]
	kgf		11500 [12550]	16200 [17670]	13700 [14950]	10500 [11450]
	lbf		25350 [27670]	35710 [38960]	30200 [32960]	23150 [25240]
	kN	ISO	117.7 [128.4]	167.7 [182.9]	141.2 [154.1]	106.9 [116.6]
	kgf		12000 [13090]	17100 [18650]	14400 [15710]	10900 [11890]
	lbf		26460 [28860]	37700 [41120]	31750 [34630]	24030 [26210]

[] : Power boost

2) HX260LT3, HW



260SA2SP10

Description	m (ft-in)	Boom	5.85 (19' 2")			
		Arm	3.05 (10' 0")	2.10 (6' 11")	2.50 (8' 2")	3.60 (11' 10")
Max digging reach		A	10360 (34' 0")	9560 (31' 4")	9870 (32' 5")	10870 (35' 8")
Max digging reach on ground		A'	10120 (33' 2")	9290 (30' 6")	9610 (31' 6")	10640 (34' 11")
Max digging depth		B	6650 (21' 10")	5700 (18' 8")	6100 (20' 0")	7200 (23' 7")
Max digging depth (8 ft level)		B'	6490 (21' 4")	5490 (18' 0")	5910 (19' 5")	7050 (23' 2")
Max vertical wall digging depth		C	5810 (19' 1")	5150 (16' 11")	5320 (17' 5")	6500 (21' 4")
Max digging height		D	10620 (34' 10")	10310 (33' 10")	10380 (34' 1")	10920 (35' 10")
Max dumping height		E	7510 (24' 8")	7160 (23' 6")	7260 (23' 10")	7790 (25' 7")
Min swing radius		F	3450 (11' 4")	3840 (12' 7")	3190 (10' 6")	3150 (10' 4")
Bucket digging force	kN		154.0 [168]	153.0 [166.9]	154.0 [168]	154.0 [168]
	kgf	SAE	15700 [17130]	15600 [17020]	15700 [17130]	15700 [17130]
	lbf		34610 [37770]	34390 [37520]	34610 [37770]	34610 [37770]
	kN		178.5 [194.7]	177.5 [193.7]	177.5 [193.7]	178.5 [194.7]
	kgf	ISO	18200 [19850]	18100 [19750]	18100 [19750]	18200 [19850]
	lbf		40120 [43760]	39900 [43540]	39900 [43540]	40120 [43760]
Arm digging force	kN		112.8 [123.1]	158.9 [173.3]	134.4 [146.6]	103.0 [112.3]
	kgf	SAE	11500 [12550]	16200 [17670]	13700 [14950]	10500 [11450]
	lbf		25350 [27670]	35710 [38960]	30200 [32960]	23150 [25240]
	kN		117.7 [128.4]	167.7 [182.9]	141.2 [154.1]	106.9 [116.6]
	kgf	ISO	12000 [13090]	17100 [18650]	14400 [15710]	10900 [11890]
	lbf		26460 [28860]	37700 [41120]	31750 [34630]	24030 [26210]

[] : Power boost

4. WEIGHT

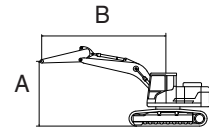
Item	HX260LT3		HX260LT3 HW	
	kg	lb	kg	lb
Upperstructure assembly	11671	25730	11685	25760
Main frame weld assembly	2430	5360	2430	5360
Engine assembly	552	1220	552	1220
Main pump assembly	146	320	146	320
Main control valve assembly	220	490	220	490
Swing motor assembly	380	840	380	840
Hydraulic oil tank WA	185	410	185	410
Fuel tank WA	216	480	216	480
Counterweight	4600	10140	4600	10140
Cab assembly	495	1090	495	1090
Lower chassis assembly	8902	19630	13551	29870
Track frame weld assembly	2930	6460	5170	11400
Swing bearing	364	800	364	800
Travel motor assembly (2EA)	610	1340	886	1950
Turning joint	53	120	53	120
Sprocket (2EA)	103	230	103	230
Track recoil spring (2EA)	326	720	326	720
Idler (2EA)	301	660	301	660
Upper roller (2EA)	82	180	82	180
Lower roller (18EA)	855	1880	855	1880
Track-chain assembly (600 mm triple grouser shoe) (2EA)	3000	6610	3000	6610
Front attachment assembly				
5.85 m boom assembly	5487	12100	5487	12100
3.05 m arm assembly	2055	4530	2055	4530
1.08 m ³ SAE heaped bucket	987	2180	987	2180
Boom cylinder assembly (2EA)	910	2010	910	2010
Arm cylinder assembly	474	1040	474	1040
Bucket cylinder assembly	334	740	334	740
Bucket control linkage total	206	450	206	450











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
HX260LT3	MONO BOOM	5850	2010	4600	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
												
7.5 m (24.6 ft)	kg lb									*7270 *16030	*7270 *16030	5.55 (18.2)
6.0 m (19.7 ft)	kg lb			*7450 *16420	*7450 *16420	*7020 *15480	6840 15080			*7120 *15700	5570 12280	6.77 (22.2)
4.5 m (14.8 ft)	kg lb			*9300 *20500	*9300 *20500	*7680 *16930	6610 14570			6980 15390	4650 10250	7.49 (24.6)
3.0 m (9.8 ft)	kg lb					*8750 *19290	6300 13890	6850 15100	4540 10010	6360 14020	4220 9300	7.86 (25.8)
1.5 m (4.9 ft)	kg lb					9390 20700	6030 13290	6720 14820	4410 9720	6190 13650	4080 8990	7.93 (26.0)
0.0 m (0.0 ft)	kg lb			*14160 *31220	8870 19550	9220 20330	5880 12960	6640 14640	4350 9590	6400 14110	4200 9260	7.70 (25.3)
-1.5 m (-4.9 ft)	kg lb			*13770 *30360	8910 19640	9210 20300	5870 12940			7130 15720	4660 10270	7.16 (23.5)
-3.0 m (-9.8 ft)	kg lb	*16820 *37080	*16820 *37080	*12420 *27380	9090 20040	*9100 *20060	6030 13290			*8600 *18960	5780 12740	6.20 (20.4)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

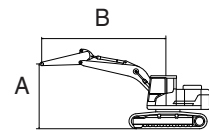
Failure to comply to the rated load can cause possible personal injury or property damage.











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
HX260LT3	MONO BOOM	5850	2500	4600	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									*6090	*6090	6.00
	lb									*13430	*13430	(19.7)
6.0 m (19.7 ft)	kg				*6490	*6490				*5660	5160	7.14
	lb				*14310	*14310				*12480	11380	(23.4)
4.5 m (14.8 ft)	kg		*8580	*8580	*7240	6680	*6730	4690	*5590	4360	7.82	
	lb		*18920	*18920	*15960	14730	*14840	10340	*12320	9610	(25.7)	
3.0 m (9.8 ft)	kg		*11110	9690	*8360	6350	6870	4550	*5750	3970	8.18	
	lb		*24490	21360	*18430	14000	15150	10030	*12680	8750	(26.8)	
1.5 m (4.9 ft)	kg		*13180	9100	9430	6060	6720	4410	5830	3840	8.25	
	lb		*29060	20060	20790	13360	14820	9720	12850	8470	(27.1)	
0.0 m (0.0 ft)	kg		*14060	8860	9220	5870	6610	4320	6000	3930	8.03	
	lb		*31000	19530	20330	12940	14570	9520	13230	8660	(26.3)	
-1.5 m (-4.9 ft)	kg	*11530	*11530	*13950	8840	9160	5820	6620	4320	6610	4310	7.51
	lb	*25420	*25420	*30750	19490	20190	12830	14590	9520	14570	9500	(24.6)
-3.0 m (-9.8 ft)	kg	*18010	*18010	*12910	8980	9270	5920			8060	5220	6.61
	lb	*39710	*39710	*28460	19800	20440	13050			17770	11510	(21.7)
-4.5 m (-14.8 ft)	kg			*10170	9350					*8590	7760	5.12
	lb			*22420	20610					*18940	17110	(16.8)

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 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.

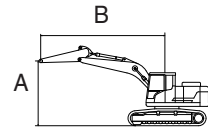
Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX260LT3	MONO BOOM	5850	3050	4600	600	-	-	-	-	-



: Rating over-front



: Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														kg
7.5 m (24.6 ft)	kg							*5640	*5640			*4020	*4020	6.66
	lb							*12430	*12430			*8860	*8860	(21.8)
6.0 m (19.7 ft)	kg							*5760	*5760	*4720	*4720	*3770	*3770	7.70
	lb							*12700	*12700	*10410	*10410	*8310	*8310	(25.3)
4.5 m (14.8 ft)	kg					*7520	*7520	*6570	*6570	*6150	4720	*3730	*3730	8.34
	lb					*16580	*16580	*14480	*14480	*13560	10410	*8220	*8220	(27.4)
3.0 m (9.8 ft)	kg					*10060	9890	*7760	6410	*6720	4560	*3840	3610	8.67
	lb					*22180	21800	*17110	14130	*14820	10050	*8470	7960	(28.5)
1.5 m (4.9 ft)	kg					*12400	9200	*8980	6070	6700	4390	*4110	3490	8.74
	lb					*27340	20280	*19800	13380	14770	9680	*9060	7690	(28.7)
0.0 m (0.0 ft)	kg			*6350	*6350	*13710	8830	9190	5840	6560	4260	*4580	3550	8.53
	lb			*14000	*14000	*30230	19470	20260	12870	14460	9390	*10100	7830	(28.0)
-1.5 m (-4.9 ft)	kg	*7180	*7180	*11200	*11200	*13990	8730	9080	5740	6510	4210	*5410	3840	8.04
	lb	*15830	*15830	*24690	*24690	*30840	19250	20020	12650	14350	9280	*11930	8470	(26.4)
-3.0 m (-9.8 ft)	kg	*12130	*12130	*17610	*17610	*13350	8810	9120	5780			6970	4520	7.21
	lb	*26740	*26740	*38820	*38820	*29430	19420	20110	12740			15370	9960	(23.7)
-4.5 m (-14.8 ft)	kg			*16130	*16130	*11410	9080					*8250	6180	5.88
	lb			*35560	*35560	*25150	20020					*18190	13620	(19.3)

Note 1. Lifting capacity are based on ISO 10567.

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

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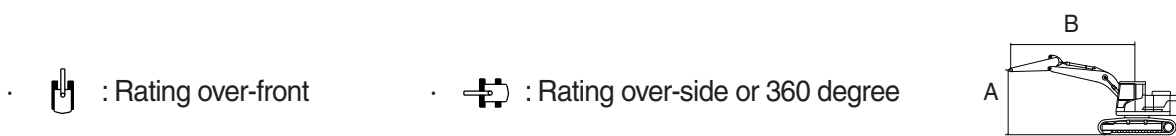
The difference between the weight of a work tool attachment must be subtracted.















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
HX260LT3	MONO BOOM	5850	3600	4600	600	-	-	-	-	-



Lift-point height (A)	Lift-point radius (B)												At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity	Reach		
															m (ft)	
9.0 m (29.5 ft)	kg													*3960	*3960	5.83
	lb													*8730	*8730	(19.1)
7.5 m (24.6 ft)	kg													*3480	*3480	7.32
	lb													*7670	*7670	(24.0)
6.0 m (19.7 ft)	kg							*5160	4880					*3290	*3290	8.27
	lb							*11380	10760					*7250	*7250	(27.1)
4.5 m (14.8 ft)	kg						*5870	*5870	*5600	4760				*3260	*3260	8.87
	lb						*12940	*12940	*12350	10490				*7190	*7190	(29.1)
3.0 m (9.8 ft)	kg				*8950	*8950	*7110	6480	*6230	4570	*4260	3390	*3350	3260	9.19	
	lb				*19730	*19730	*15670	14290	*13730	10080	*9390	7470	*7390	7190	(30.1)	
1.5 m (4.9 ft)	kg				*11490	9300	*8430	6090	6700	4380	*4900	3300	*3560	3160	9.25	
	lb				*25330	20500	*18580	13430	14770	9660	*10800	7280	*7850	6970	(30.3)	
0.0 m (0.0 ft)	kg			*7080	*7080	*13180	8810	9170	5810	6520	4210	*4320	3230	*3930	3200	9.05
	lb			*15610	*15610	*29060	19420	20220	12810	14370	9280	*9520	7120	*8660	7050	(29.7)
-1.5 m (-4.9 ft)	kg	*6440	*6440	*10510	*10510	*13840	8620	8990	5650	6420	4130			*4560	3420	8.60
	lb	*14200	*14200	*23170	*23170	*30510	19000	19820	12460	14150	9110			*10050	7540	(28.2)
-3.0 m (-9.8 ft)	kg	*10440	*10440	*15470	*15470	*13580	8630	8980	5640	6450	4150			*5730	3930	7.82
	lb	*23020	*23020	*34110	*34110	*29940	19030	19800	12430	14220	9150			*12630	8660	(25.7)
-4.5 m (-14.8 ft)	kg	*15510	*15510	*17650	*17650	*12230	8840	*8930	5790					*7710	5080	6.62
	lb	*34190	*34190	*38910	*38910	*26960	19490	*19690	12760					*17000	11200	(21.7)

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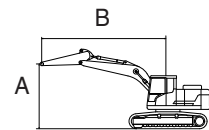
Failure to comply to the rated load can cause possible personal injury or property damage.











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
HX260LT3 HW	MONO BOOM	5850	2100	4600	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									*7200	*7200	5.91
	lb									*15870	*15870	(19.4)
6.0 m (19.7 ft)	kg		*7800	*7800	*7110	*7110				*7130	6500	6.98
	lb		*17200	*17200	*15670	*15670				*15720	14330	(22.9)
4.5 m (14.8 ft)	kg		*9890	*9890	*7920	*7920	*7230	5720	*7230	*7230	5590	7.61
	lb		*21800	*21800	*17460	*17460	*15940	12610	*15940	*15940	12320	(25.0)
3.0 m (9.8 ft)	kg				*9010	7730	*7610	5610	*7440	*7440	5190	7.90
	lb				*19860	17040	*16780	12370	*16400	*16400	11440	(25.9)
1.5 m (4.9 ft)	kg				*9940	7480	*8040	5490	7580	7580	5110	7.90
	lb				*21910	16490	*17730	12100	16710	16710	11270	(25.9)
0.0 m (0.0 ft)	kg		*14140	11220	*10380	7360	8130	5450	7980	7980	5350	7.60
	lb		*31170	24740	*22880	16230	17920	12020	17590	17590	11790	(24.9)
-1.5 m (-4.9 ft)	kg	*13230	*13230	*13550	11290	*10130	7380			*8390	6060	6.97
	lb	*29170	*29170	*29870	24890	*22330	16270			*18500	13360	(22.9)
-3.0 m (-9.8 ft)	kg	*16040	*16040	*11860	11520					*8640	7820	5.89
	lb	*35360	*35360	*26150	25400					*19050	17240	(19.3)

Note 1. Lifting capacity are based on ISO 10567.

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

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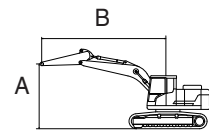
Failure to comply to the rated load can cause possible personal injury or property damage.











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
HX260LT3 HW	MONO BOOM	5850	2500	4600	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					*6460	*6460			*5940	*5940	6.33
	lb					*14240	*14240			*13100	*13100	(20.8)
6.0 m (19.7 ft)	kg					*6620	*6620			*5620	*5620	7.34
	lb					*14590	*14590			*12390	*12390	(24.1)
4.5 m (14.8 ft)	kg			*9160	*9160	*7490	*7490	*6810	5760	*5610	5260	7.94
	lb			*20190	*20190	*16510	*16510	*15010	12700	*12370	11600	(26.0)
3.0 m (9.8 ft)	kg			*11700	*11700	*8650	7780	*7320	5620	*5820	4890	8.22
	lb			*25790	*25790	*19070	17150	*16140	12390	*12830	10780	(27.0)
1.5 m (4.9 ft)	kg			*13500	11370	*9690	7500	*7840	5480	*6300	4820	8.22
	lb			*29760	25070	*21360	16530	*17280	12080	*13890	10630	(27.0)
0.0 m (0.0 ft)	kg			*14110	11190	*10280	7350	8090	5400	*7170	5020	7.93
	lb			*31110	24670	*22660	16200	17840	11900	*15810	11070	(26.0)
-1.5 m (-4.9 ft)	kg	*13530	*13530	*13790	11210	*10240	7330			*8060	5600	7.33
	lb	*29830	*29830	*30400	24710	*22580	16160			*17770	12350	(24.0)
-3.0 m (-9.8 ft)	kg	*17300	*17300	*12460	11400	*9140	7480			*8460	7000	6.31
	lb	*38140	*38140	*27470	25130	*20150	16490			*18650	15430	(20.7)

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.

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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.

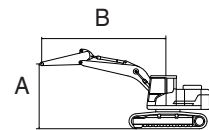
Failure to comply to the rated load can cause possible personal injury or property damage.













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
HX260LT3 HW	MONO BOOM	5850	3050	4600	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)	Lift-point radius (B)										At max. reach			
	1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach	
													m (ft)	
9.0 m (29.5 ft)	kg											*4460	*4460	5.47
	lb											*9830	*9830	(18.0)
7.5 m (24.6 ft)	kg						*5580	*5580				*3930	*3930	6.96
	lb						*12300	*12300				*8660	*8660	(22.8)
6.0 m (19.7 ft)	kg						*5910	*5910	*5380	*5380		*3750	*3750	7.89
	lb						*13030	*13030	*11860	*11860		*8270	*8270	(25.9)
4.5 m (14.8 ft)	kg		*11330	*11330	*8090	*8090	*6840	*6840	*6270	5790		*3750	*3750	8.45
	lb		*24980	*24980	*17840	*17840	*15080	*15080	*13820	12760		*8270	*8270	(27.7)
3.0 m (9.8 ft)	kg				*10690	*10690	*8070	7830	*6880	5620		*3890	*3890	8.71
	lb				*23570	*23570	*17790	17260	*15170	12390		*8580	*8580	(28.6)
1.5 m (4.9 ft)	kg				*12820	11430	*9240	7510	*7510	5450		*4200	*4200	8.71
	lb				*28260	25200	*20370	16560	*16560	12020		*9260	*9260	(28.6)
0.0 m (0.0 ft)	kg		*7450	*7450	*13860	11140	*10020	7300	*7950	5340		*4740	4540	8.44
	lb		*16420	*16420	*30560	24560	*22090	16090	*17530	11770		*10450	10010	(27.7)
-1.5 m (-4.9 ft)	kg	*8350	*8350	*12570	*12570	*13920	11090	*10240	7230	*7970	5320	*5710	4990	7.88
	lb	*18410	*18410	*27710	*27710	*30690	24450	*22580	15940	*17570	11730	*12590	11000	(25.8)
-3.0 m (-9.8 ft)	kg	*13480	*13480	*18690	*18690	*13030	11210	*9640	7310			*7740	6010	6.94
	lb	*29720	*29720	*41200	*41200	*28730	24710	*21250	16120			*17060	13250	(22.8)
-4.5 m (-14.8 ft)	kg		*14980	*14980	*10580	*10580						*8320	*8320	5.45
	lb		*33030	*33030	*23320	*23320						*18340	*18340	(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.

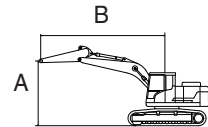
Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	3600	4600	-	-	-	-	-	-



: 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							*4480	*4480					*3800	*3800	6.26
	lb							*9880	*9880					*8380	*8380	(20.5)
7.5 m (24.6 ft)	kg									*3740	*3740			*3410	*3410	7.59
	lb									*8250	*8250			*7520	*7520	(24.9)
6.0 m (19.7 ft)	kg							*5190	*5190	*5290	*5290			*3270	*3270	8.45
	lb							*11440	*11440	*11660	*11660			*7210	*7210	(27.7)
4.5 m (14.8 ft)	kg							*6150	*6150	*5740	*5740			*3270	*3270	8.97
	lb							*13560	*13560	*12650	*12650			*7210	*7210	(29.4)
3.0 m (9.8 ft)	kg				*9610	*9610	*7440	*7440	*6410	5630	*4490	4230	*3390	*3390	9.22	
	lb				*21190	*21190	*16400	*16400	*14130	12410	*9900	9330	*7470	*7470	(30.3)	
1.5 m (4.9 ft)	kg				*12000	11520	*8720	7520	*7120	5430	*4910	4140	*3630	*3630	9.22	
	lb				*26460	25400	*19220	16580	*15700	11970	*10820	9130	*8000	*8000	(30.3)	
0.0 m (0.0 ft)	kg		*7780	*7780	*13430	11090	*9670	7260	*7690	5290			*4050	*4050	8.97	
	lb		*17150	*17150	*29610	24450	*21320	16010	*16950	11660			*8930	*8930	(29.4)	
-1.5 m (-4.9 ft)	kg	*7370	*7370	*11560	*11560	*13860	10950	*10110	7140	7910	5220			*4780	4450	8.44
	lb	*16250	*16250	*25490	*25490	*30560	24140	*22290	15740	17440	11510			*10540	9810	(27.7)
-3.0 m (-9.8 ft)	kg	*11540	*11540	*17020	*17020	*13370	11010	*9870	7160	*7110	5280			*6170	5210	7.58
	lb	*25440	*25440	*37520	*37520	*29480	24270	*21760	15790	*15670	11640			*13600	11490	(24.9)
-4.5 m (-14.8 ft)	kg			*16730	*16730	*11650	11280	*8340	7370					*7820	7000	6.24
	lb			*36880	*36880	*25680	24870	*18390	16250					*17240	15430	(20.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

Consult 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) HX260LT3, 4600 KG COUNTERWEIGHT



General bucket



Heavy duty
(without side cutter)



Heavy duty
(with side cutter)



Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			
	SAE Heaped	CECE heaped				Recommendation			
						5.85 m (19' 2") Boom			
	m ³ (yd ³)	m ³ (yd ³)				mm (in)	kg (lb)	EA	2.1 m (6' 11") Arm
General bucket	1.08 (1.41)	0.95 (1.24)	1130 (44.5")	910 (2010)	5	●	●	●	●
	1.27 (1.66)	1.10 (1.44)	1290 (50.8")	1010 (2290)	5	●	●	◐	■
	1.50 (1.96)	1.30 (1.70)	1490 (58.7")	1080 (2380)	5	◐	◐	■	X

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

2) HX260LT3, 5100 KG COUNTERWEIGHT



General bucket



Heavy duty
(without side cutter)



Heavy duty
(with side cutter)



Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			
	SAE Heaped	CECE heaped				Recommendation			
						5.85 m (19' 2") Boom			
						m ³ (yd ³)	m ³ (yd ³)	mm (in)	kg (lb)
General bucket	1.08 (1.41)	0.95 (1.24)	1130 (44.5")	910 (2010)	5	●	●	●	●
	1.27 (1.66)	1.10 (1.44)	1290 (50.8")	1010 (2290)	5	●	●	●	◐
	1.50 (1.96)	1.30 (1.70)	1490 (58.7")	1080 (2380)	5	●	◐	■	X

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

3) HX260LT3 HW, 4600 AND 5100 KG COUNTERWEIGHT



General bucket



Heavy duty
(without side cutter)



Heavy duty
(with side cutter)



Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			
	SAE Heaped	CECE heaped				Recommendation			
						5.85 m (19' 2") Boom			
						2.1 m (6' 11") Arm	2.5 m (8' 2") Arm	3.05 m (10' 0") Arm	3.60 m (11' 10") Arm
m ³ (yd ³)	m ³ (yd ³)	mm (in)	kg (lb)	EA					
General bucket	1.08 (1.41)	0.95 (1.24)	1130 (44.5")	910 (2010)	5	●	●	●	●
	1.27 (1.66)	1.10 (1.44)	1290 (50.8")	1010 (2290)	5	●	●	●	●
	1.50 (1.96)	1.30 (1.70)	1490 (58.7")	1080 (2380)	5	●	●	●	X

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

Consult your Hyundai 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)	600	(24)	700	(28)	800	(32)	900	(36)
HX260LT3	Operating weight	kg	(lb)	26060	57450	26370	58140	26670	58800	26900	59480
	Ground pressure	kgf/cm ²	(psi)	0.53	7.54	0.46	6.54	0.41	5.79	0.37	5.20
	Overall width	mm	(in)	3180	10' 5"	3280	10' 9"	3380	11' 1"	3480	11' 5"
	Link quantity	EA		51		51		51		51	

Model	Description	Unit		Triple grouser				Double grouser	
	width	mm	(in)	600	(24)	700	(28)	700	(28)
HX260LT3 HW	Operating weight	kg	(lb)	30710	6770	31300	69000	32340	71300
	Ground pressure	kgf/cm ²	(psi)	0.59	8.41	0.52	7.35	0.53	7.58
	Overall width	mm	(in)	3390	11' 1"	3490	11' 5"	3490	11' 5"
	Link quantity	EA		48		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	C
700 mm double grouser (HW only)	Option	C
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">· 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 / HE6.7
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	107 × 124 mm (4.21" × 4.88")
Displacement	6.7 ℓ (408 cu in)
Compression ratio	17.2 : 1
Gross power	190 Hp (142 kW) at 2200 rpm
Net power	185 Hp (138 kW) at 2200 rpm
Max. power	195 Hp (145 kW) at 2000 rpm
Peak Torque	929 N·m (685 lbf·ft) at 1400 rpm
Engine oil quantity	23.7 ℓ (6.3 U.S. gal)
Wet weight	552 kg (1217 lb)
Starter motor	24 V-4.8 kW
Alternator	Valeo 24 V-95 A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 130 cc/rev
Maximum pressure	350 kgf/cm ² (4980 psi) [380 kgf/cm ² (5400 psi)]
Rated oil flow	2 × 247 ℓ/min (65.2 U.S. gpm / 54.3 U.K. gpm)
Rated speed	1700 rpm

[] : Power boost

3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	10 cc/rev
Maximum pressure	40 kgf/cm ² (570 psi)
Rated oil flow	19 ℓ /min (5.0 U.S. gpm/4.2 U.K. gpm)

4) MAIN CONTROL VALVE

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

[] : Power boost

5) SWING MOTOR

Item	Specification
Type	Fixed displacement axial piston motor
Capacity	142.8 cc/rev
Relief pressure	300 kgf/cm ² (4267 psi)
Braking system	Automatic spring applied hydraulic released
Braking torque	58 kgf · m (420 lbf · ft) over
Brake release pressure	20.9~35.5 kgf/cm ² (297~505 psi) below
Reduction gear type	2 - stage planetary

6) TRAVEL MOTOR

Item	Specification	
	HX260LT3	HX260LT3 HW
Type	Variable displacement axial piston motor	
Capacity	182.4/105.4 cc/rev	282.6/156.9 cc/rev
Relief pressure	350 kgf/cm ² (4980 psi)	
Braking system	Automatic spring applied hydraulic released	
Braking torque	72 kgf · m (521 lbf · ft)	134 kgf · m (969 lbf · ft)
Brake release pressure	16.8 kgf/cm ² (239 psi)	17 kgf/cm ² (242 psi)
Reduction gear type	2-stage planetary	

7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Stroke	∅135 × 1395 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	∅145 × 1620 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	∅130 × 1185 mm
	Cushion	Extend only

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

9. RECOMMENDED OILS

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)
Engine oil pan	Engine oil	24.4 (6.4)	★SAE 0W-30						
			SAE 5W-30						
			SAE 10W-30						
			SAE CI-4 and 10W-30						
			SAE 5W-40 or 15W-40						
Swing drive	Gear oil	7.0 (1.8)	★SAE 75W-90						
Final drive		7.0 (1.8) 6.0 (1.6)-HW	SAE 80W-90						
Hydraulic tank	Hydraulic oil	Tank 160 (42.3)	★ISO VG 15						
		System 275 (72.6)	ISO VG 32						
			ISO VG 68						
Fuel tank	Diesel fuel★1	450 (119)	★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	40 (10.6)	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

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

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

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

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