

MOVING YOU FURTHER

HX220 L

With Tier 4 final / Stage IV Engine installed



*Photo may include optional equipment.

Net Power

SAE J1349 / 173 HP (129 kW) at 1,950 rpm

Gross Power

SAE J1995 / 182.6 HP (136 kW) at 1,950 rpm

Travel Speed

5.5 km/hr (3.41 mph) / 3.6 km/hr (2.23 mph)

Operating Weight

22,100 kg / 48,720 lb





RULE THE GROUND

The HX Series excavators are products of HHI's spirit of initiative, creativity and strong drive. HHI's engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. The new HX Series reflects customers' needs in the field gleaned by thorough monitoring. They maximize fuel efficiency and performance proven by rigorous field tests and quality control.





HYUNDAI

HYUNDAI

**HX
220L**

**Photo may include optional equipment.*

RULE THE GROUND

The HX series exceeds customers' expectation!
Become a true leader on the ground with HHI's HX series.



WORK MAX, WORTH MAX

- ECO Gauge
- IPC (Intelligent Power Control)
- New Variable Power Control
- Electronic Viscous Fan Clutch
- Attachment Flow Control (Option)
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover
- One Pedal Travel Straight (Option)
- Cycle Time Improvement
- Boom Floating Control (Option)



MORE RELIABLE, MORE SUSTAINABLE

- Durable Cooling Module
- Reinforced Pin, Bush and Polymer Shim
- Reinforced Durability of Upper and Lower Structure and Attachments
- Wear Resistant Cover Plate
- Hi-grade (High-pressure) Hoses



INFOTAINMENT FRONTIER

- Intelligent and Wide Cluster
- Haptic Control
- Wi-Fi Direct with Smart Phone (Miracast)
- Centralized Controller
- Proportional Auxiliary Hydraulic System
- New Audio System
- New Air Conditioning System



HX220 L



MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System (Option)
- Easy Access to DEF/AdBlue® Supply System
- Hi-mate (Remote Management System)
- Cab Suspension Mount
- Swing Lock System (Option)

*Photo may include optional equipment.



*Photo may include optional equipment.

Cycle Time Improvement

The HX Series provides higher productivity on the site by faster operation: it loads trucks up to 5% faster and levels up to 4% faster than the 9 Series.

Boom Floating Control (Option)

In order to achieve efficient leveling work by arm-in and arm-out operation with the boom fixed, the HX Series applies boom floating control, allowing stable operation even in high-load work.

WORK MAX, WORTH MAX

Fuel Efficient System, Allows Great Performance

The HX Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.



ECO Gauge

ECO Gauge enable economic operation of machines. The gauge level and color displays engine torque and fuel efficiency level. On top of that, the status of fuel consumption such as average rate and the total amount of fuel consumed are displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.



IPC (Intelligent Power Control)

The IPC controls power control depending on work environments. Its mode can be selected and released on the monitor. On the excavation mode, pump flow can be easily controlled by a lever, reducing fuel consumption.

New Variable Power Control

The HX Series minimizes equipment input and output control signals to improve fuel efficiency. Its three-stage Power mode ensures the highest performance in any operating environment.

- * P (power) mode: Maximizes speed and power of the equipment for heavy load work.
- * S (standard) mode: Optimizes performance and fuel efficiency of the equipment for general load work.
- * E (economy) mode: Improves the control system for light load work.

Electronic Viscous Fan Clutch

The electronic fan clutch reduces noise during operation by precisely controlling RPM depending on the hydraulic oil and coolant temperature of the working vehicle, and minimizes fuel consumption. It is also possible to shorten the warm up time of hydraulic oil.



Attachment Flow Control (Option)

The HX Series improves pump flow rate by independent control of two pumps. It optimizes attachments for effective flow rate setting depending on attachments (ten breaker types and ten crusher types), enabling various operations matching the site environments.



New Cooling System with Increased Air Flow

With the three-floor stacked cooling module improving air inflow, the HX Series provides excellent cooling performance by increasing heat dissipation and can be easily cleaned.

Enlarged Air Inlet with Grill Cover

Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.

One Pedal Travel Straight (Option)

One Pedal Travel Straight (Option) is available for customers' convenience when long distance traveling or combination of attachment work with traveling is necessary.

MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

The true value of the HX Series lies in its durability. The robust upper and lower frame structure that can endure external shock and high-load work and the attachments whose performance was proven by rigorous tests further show the real value of the HX Series in tough working environments and promise higher productivity.



Durable Cooling Module

The HX Series has a durable cooling module that passed stringent tests, demonstrating the highest productivity in tough working environments.



Reinforced Pin, Bush and Polymer Shim

The HX series improves lubricity of connecting parts between the equipment and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bushes and polymer shims, supporting the highest performance with invariable durability.

Wear Resistant Cover Plate

A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the connector between the arm and the bucket. Reduction of vibration of the buckets enables more stable operation even in high-load work.



Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HX Series have higher durability than demanded on the site, as proven through numerous tests including road tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.



*Photo may include optional equipment.

Hi-grade (High-pressure) Hoses

The HX Series uses high-pressure hoses with improved heat and pressure resistance, greatly increasing the durability of the equipment.



*Photo may include optional equipment.

New Air Conditioning System

With further improved air conditioning and heating, the HX Series increases the APTC capacity by 15% to provide a pleasant environment for operators all the time. The ventilation was designed such that warm and cool air even reach operators' faces (increasing their work satisfaction) or allowing pleasant working environment.

INFOTAINMENT FRONTIER

Enhanced Instrument Panel for Easier Monitoring

Many electronic functions are concentrated on the most convenient spot for operators to ensure work efficiency. The highly-advanced infotainment system, a product of HHI's intensive information technology, enables both productivity and pleasant work at the same time! The HX Series of HHI provides higher value and pleasure to customers.



Intelligent and Wide Cluster

The 8-inch capacitive-type display (like smartphone display) of the HX Series is 30% larger than the previous model, delivering excellent legibility. The centralized switches on the display allow convenience of checking the urea level and temperature outside the cabin. The audio AUX, air conditioner and heater interoperation, and inclination sensor also maximize operator's convenience.



Haptic Control

The integrated jog shuttle-type haptic controller applies to the accelerator, remote air conditioner controller and operation of the cluster, allowing convenient operation. In the event of failure of the haptic switch, the emergency mode is activated on the cluster to ensure fail-safe function.

Wi-Fi Direct with Smart Phone (Miracast)

The Miracast system based on Wi-Fi of the operator's smart phone enables easy and convenient use of various features of the smart phone on the big screen including navigation, web surfing, viewing of videos, and listening to music. (For Android mobile phone now)



Operating Simulation for Joy & Achievement

The operating game developed by HHI's state-of-the-art information technology allows operators to experience efficient operating state by simulation, providing fun and economy of operation.

Proportional Auxiliary Hydraulic System

- Opt: Proportional control switch for better speed control
- Enlarge the operation convenience



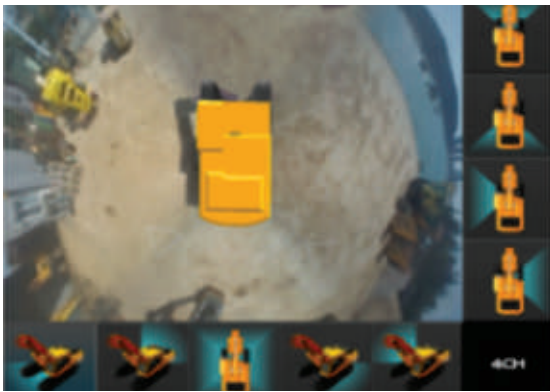
New Audio System

Radio player, USB-based MP3 player, integrated Bluetooth hands-free feature, and built-in microphone allow convenient phone calls while in work and in transit. The radio player was moved to the right side from the rear, allowing easier access.

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

New Cabin for More Comfort

Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, the HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.



AAVM (Advanced Around View Monitoring) Camera System (Option)

The HX Series has a state-of-the-art AAVM video camera system to secure field of vision for operators in all directions, thereby preventing accidents. Operators can easily check the workplace in the front, rear and to the right and left.



* AAVM (Advanced Around View Monitoring): Secure field of vision in all directions by nine views including 3D bird's eye view and 2D/4CH view.

* IMOD (Intelligent Moving Object Detection): Inform when people or dangerous objects are detected within the range of operation (recognition distance: 5 m).



Easy Access to DEF/AdBlue® Supply System

The DEF/AdBlue® tank is installed inside the tool box and its inlet is remotely located for easy access and convenient supply. Warning of overfill is given by a red lamp signal. The DEF/AdBlue® supply module is attached on the side of the fuel tank for easy maintenance and filter replacement.



Hi-mate (Remote Management System)

Hi-mate, Hyundai's proprietary remote management system, provides operators and dealer service personnel access to vital service and diagnostic information on the machine from any computer with internet access. Users can pinpoint machine location using digital mapping and set machine work boundaries, reducing the need for multiple service calls. Hi-mate saves time and money for the owner and dealer by promoting preventative maintenance and reducing machine downtime.

* Operation of the system may be affected by the condition of telecommunication signal



*Photo may include optional equipment.

Cab Suspension Mount

With a low-vibration design by the coil spring and damper inside the mount, the cab suspension mount of the HX Series reduces noise inside the cabin and improves durability, providing a comfortable operation space that lessens operators' fatigue.

Swing Lock System (Option)

Swing Lock System is provided to maintain stability when swing movement needs to be limited, improving operating speed and productivity.

Fine Swing Control (Option)

Fine swing control is available for customer's convenience when users want to control fine swing.

SPECIFICATIONS

ENGINE			
Maker / Model		Cummins QSB6.7	
Type		4-cycle turbocharged, charge air cooled diesel engine	
Rated flywheel horse power	SAE	J1995 (gross)	182.6 HP (136 kW) at 1,950 rpm
		J1349 (net)	173 HP (129 kW) at 1,950 rpm
	DIN	6271/1 (gross)	185 PS (129 kW) at 1,950 rpm
		6271/1 (net)	175 PS (129 kW) at 1,950 rpm
Max. torque		85.7 kgf·m (620 lbf·ft) at 1,500 rpm	
Bore x stroke		107 x 124 mm (4.21" x 4.88")	
Piston displacement		6,700 cc (409 cu in)	
Batteries		2 x 12 V x 100 Ah	
Starting motor		Denso 24 V - 4.8 kW	
Alternator		Denso 24 V - 95 A	

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. flow	2 x 222 l/min
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS	
Travel	Two speed axial pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm ² (4,980 psi)
Travel	350 kgf/cm ² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,400 psi)
Swing circuit	265 kgf/cm ² (3,770 psi)
Pilot circuit	40 kgf/cm ² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore x stroke	Boom: Ø 120 x 1,290 mm
	Arm: Ø 140 x 1,510 mm
	Bucket: Ø 120 x 1,055 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	20,200 kgf (44,530 lbf)
Max. travel speed (high / low)	5.5km/hr(3.41 mph)/3.6km/hr(2.23mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL	
Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.	
Pilot control	Two joysticks with one safety lever (LH): Swing and arm (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type

SWING SYSTEM	
Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	10.8 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	400	106	88
Engine coolant	40	10.6	8.8
Engine oil	23	6.1	5.06
Swing device	6.2	1.64	1.36
Final drive (each)	4.5	1.2	1
Hydraulic system (including tank)	275	72.6	60.5
Hydraulic tank	160	42.3	35.2
DEF/AdBlue®	27	7.1	5.9

UNDERCARRIAGE	
The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets and a track chain with double or triple grouser shoes.	
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	49 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)	
Operating weight, including 5,680 mm (18' 8") boom; 2,920 mm (9' 7") arm; SAE heaped 0.92 m ³ (1.20 yd ³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

OPERATING WEIGHT				
Shoes		Operating weight		Ground pressure
Type	Width mm (in)	kg (lb)		kgf / cm ² (psi)
Triple grouser	600 (24")	HX220 L	22,100 (48,720)	0.47 (6.68)
		HX220 L HW	23,560 (51,940)	0.50 (7.11)
	700 (28")	HX220 L	22,380 (49,340)	0.41 (5.83)
		HX220 L HW	23,840 (52,560)	0.44 (6.26)
	800 (32")	HX220 L	22,660 (49,960)	0.36 (5.12)
		HX220 L HW	24,120 (53,170)	0.39 (5.55)
Double grouser	900 (36")	HX220 L	22,940 (50,570)	0.33 (4.69)
		HX220 L HW	24,400 (53,790)	0.35 (4.98)
	600 (24")	HX220 L HW	23,690 (52,230)	0.50 (7.11)
		700 (28")	HX220 L HW	24,040 (53,000)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

						
SAE heaped m ³ (yd ³)	0.80 (1.05) 0.92 (1.20) 1.10 (1.44) 1.20 (1.57)	1.34 (1.75)	◆ 0.90 (1.18) ◆ 1.05 (1.37)	◆ 0.87 (1.14)	◆ 1.20 (1.57)	★ 0.52 (0.68)

Capacity m ³ (yd ³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)				
					5,680 (18' 8") Boom				8,200 (26' 11") Boom
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	3,900 (12' 10") Arm	6,300 (20' 8") Arm
0.80 (1.05)	0.70 (0.92)	1,070 (42.1)	1,160 (45.7)	770 (1,700)	●	●	●	○	-
0.92 (1.20)	0.80 (1.05)	1,190 (46.9)	1,280 (50.4)	820 (1,810)	●	●	●	○	-
1.10 (1.44)	0.96 (1.26)	1,375 (54.1)	1,465 (57.7)	890 (1,960)	●	●	⊙	○	-
1.20 (1.57)	1.05 (1.37)	1,390 (54.7)	1,480 (58.3)	920 (2,030)	●	⊙	○	-	-
1.34 (1.75)	1.17 (1.53)	1,525 (60.0)	1,615 (63.6)	990 (2,180)	⊙	⊙	○	-	-
◆ 0.90 (1.18)	0.79 (1.03)	1,210 (47.6)	-	880 (1,940)	●	●	●	○	-
◆ 1.05 (1.37)	0.92 (1.20)	1,355 (53.3)	-	940 (2,070)	●	●	⊙	○	-
◆ 0.87 (1.14)	0.77 (1.01)	1,195 (47.0)	-	940 (2,070)	●	●	●	○	-
◆ 1.20 (1.57)	1.05 (1.37)	1,520 (59.8)	-	1,120 (2,470)	⊙	○	-	-	-
★ 0.52 (0.68)	0.45 (0.59)	945 (37.2)	1,020 (40.2)	460 (1,010)	-	-	-	-	⊙

- ◆ Heavy duty bucket
- ◆ Rock-Heavy duty bucket
- ★ Long reach bucket

- : Applicable for materials with density of 2,000 kg /m³ (3,370 lb/ yd³) or less
- ⊙ : Applicable for materials with density of 1,600 kg /m³ (2,700 lb/ yd³) or less
- : Applicable for materials with density of 1,100 kg /m³ (1,850 lb/ yd³) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.
5.68 m (18' 8") & 8.2 m (26' 11") Booms and 2.0 m (6' 7"); 2.4 m (7' 10"); 2.92 m (9' 7"); 3.9 m (12' 10") & 6.3 m (20' 8") Arms are available.

DIGGING FORCE

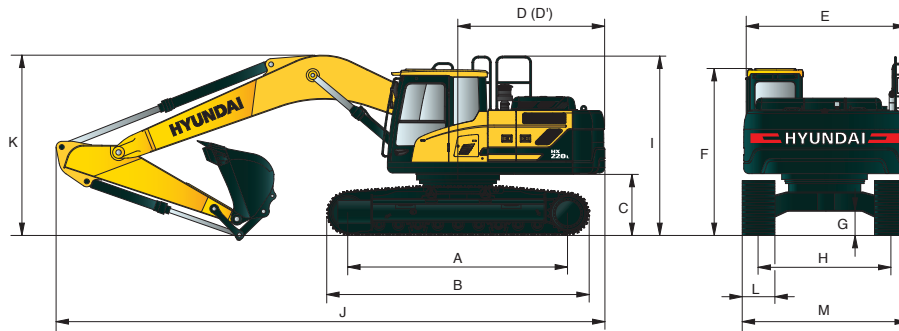
Boom	Length	mm (ft.in)	5,680 (18' 8")				8,200 (26' 11")	Remarks:
	Weight	kg (lb)	1,950 (4,300)				2,350 (5,180)	
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	6,300 (20' 8")	[]: Power Boost
	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	1,295 (2,850)	1,330 (2,930)	
Bucket digging force	SAE	kN	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	72.6	
		kgf	13600 [14770]	13600 [14770]	13600 [14770]	13600 [14770]	7400	
		lbf	29980 [32550]	29980 [32550]	29980 [32550]	29980 [32550]	16310	
	ISO	kN	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	83.4	
		kgf	15500 [16830]	15500 [16830]	15500 [16830]	15500 [16830]	8500	
Arm crowd force	SAE	kN	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	84.3 [91.6]	49.0	
		kgf	14700 [15960]	12200 [13250]	10400 [11290]	8600 [9340]	5000	
		lbf	32410 [35190]	26900 [29210]	22930 [24900]	18960 [20590]	11020	
	ISO	kN	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	87.3 [94.8]	50.0	
		kgf	15400 [16720]	12800 [13900]	10900 [11830]	8900 [9660]	5100	
lbf	33950 [36860]	28220 [30640]	24030 [26090]	19620 [21300]	11240			

Note : Boom weight includes arm cylinder, piping, and pin
Arm weight includes bucket cylinder, linkage, and pin

DIMENSIONS & WORKING RANGE

HX220 L DIMENSIONS

5.68 m (18' 8") BOOM and 2.92 m (9' 7") ARM



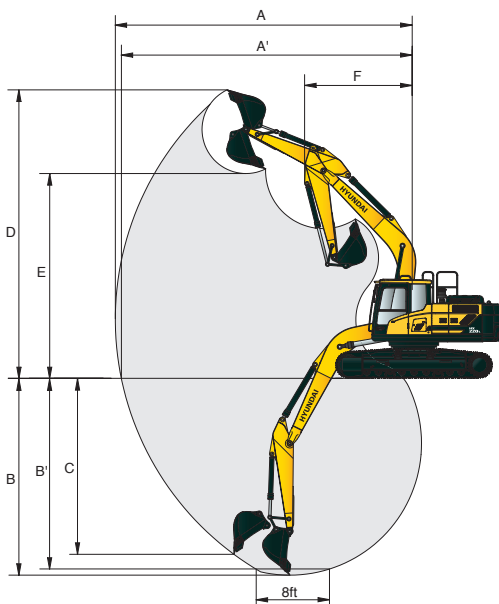
Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,440 (14' 7")
C	Ground clearance of counterweight	1,060 (3' 6")
D	Tail swing radius	2,840 (9' 4")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	2,920 (9' 7")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
I	Overall height of guardrail	3,210 (10' 5")

Boom length	5,680 (18' 8")
Arm length	2,920 (9' 7")
J Overall length	9,530 (31' 3")
K Overall height of boom	3,030 (9' 11")
L Track shoe width	600 (24")
M Overall width	2,990 (9' 10")

HX220 L WORKING RANGE

Unit : mm (ft-in)

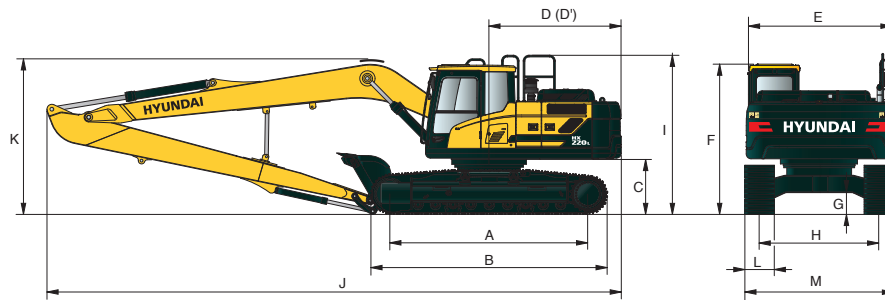


Boom length	5,680 (18' 8")			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")
A Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,980 (32' 9")	10,910 (35' 10")
A' Max. digging reach on ground	8,960 (29' 5")	9,330 (30' 7")	9,820 (32' 3")	10,770 (35' 4")
B Max. digging depth	5,820 (19' 1")	6,220 (20' 5")	6,730 (22' 1")	7,720 (25' 4")
B' Max. digging depth (8' level)	5,580 (18' 4")	6,010 (19' 9")	6,560 (21' 6")	7,580 (24' 10")
C Max. vertical wall digging depth	5,280 (17' 4")	5,720 (18' 9")	6,280 (20' 7")	7,240 (23' 9")
D Max. digging height	9,140 (30' 0")	9,340 (30' 8")	9,600 (31' 6")	10,110 (33' 2")
E Max. dumping height	6,330 (20' 9")	6,520 (21' 5")	6,780 (22' 3")	7,290 (23' 11")
F Min. front swing radius	3,750 (12' 4")	3,740 (12' 3")	3,670 (12' 0")	3,700 (12' 2")

DIMENSIONS & WORKING RANGE

HX220 L LONG REACH

8.2 m (26' 11") BOOM and 6.3 m (20' 8") ARM

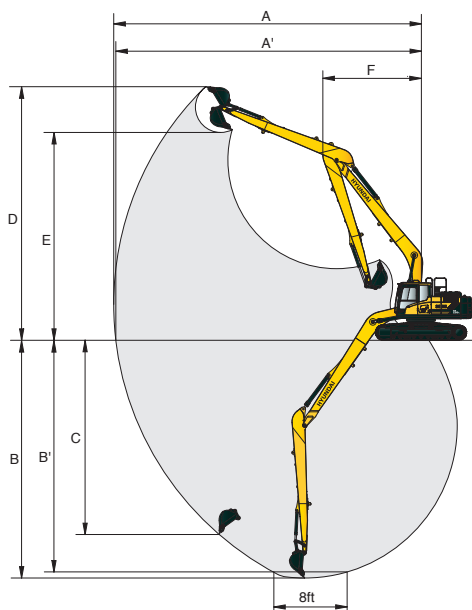


Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,440 (14' 7")
C	Ground clearance of counterweight	1,060 (3' 6")
D	Tail swing radius	2,840 (9' 4")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	2,920 (9' 7")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
I	Overall height of guardrail	3,210 (10' 5")

	Boom length	8,200 (26' 11")
	Arm length	6,300 (20' 8")
J	Overall length	12,030 (39' 6")
K	Overall height of boom	3,280 (10' 9")
L	Track shoe width	800 (32")
M	Overall width	3,190 (10' 6")

HX220 L LONG REACH WORKING RANGE



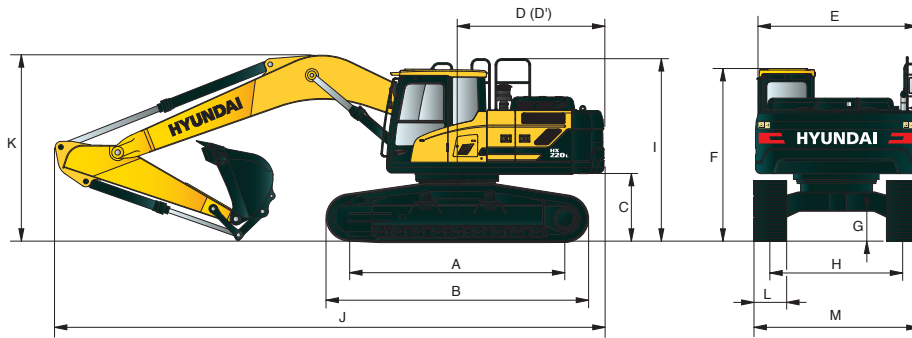
Unit : mm (ft-in)

	Boom length	8,200 (26' 11")
	Arm length	6,300 (20' 8")
A	Max. digging reach	15,220 (50' 0")
A'	Max. digging reach on ground	15,120 (49' 7")
B	Max. digging depth	11,760 (38' 7")
B'	Max. digging depth (8° level)	11,650 (38' 3")
C	Max. vertical wall digging depth	9,610 (31' 6")
D	Max. digging height	12,550 (41' 2")
E	Max. dumping height	10,280 (33' 8")
F	Min. front swing radius	4,870 (16' 0")

DIMENSIONS & WORKING RANGE

HX220 L HIGH WALKER DIMENSIONS

5.68 m (18' 8") BOOM and 2.92 m (9' 7") ARM



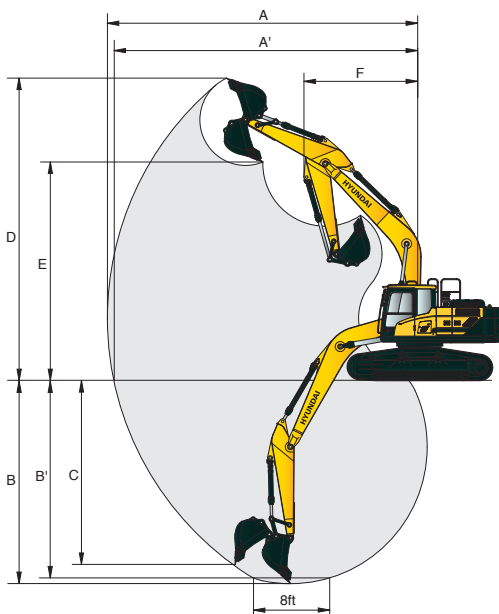
Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,440 (14' 7")
C	Ground clearance of counterweight	1,260 (4' 1")
D	Tail swing radius	2,840 (9' 4")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	660 (2' 2")
H	Track gauge	2,795 (9' 2")
I	Overall height of guardrail	3,390 (11' 2")

	Boom length	5,680 (18' 8")
	Arm length	2,920 (9' 7")
J	Overall length	9,470 (31' 1")
K	Overall height of boom	3,060 (10' 0")
L	Track shoe width	600 (24")
M	Overall width	3,395 (11' 2")

HX220 L HIGH WALKER WORKING RANGE

Unit : mm (ft-in)













	Boom length	5,680 (18' 8")			
	Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")
A	Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,980 (32' 9")	10,910 (35' 10")
A'	Max. digging reach on ground	8,920 (29' 3")	9,290 (30' 6")	9,820 (32' 3")	10,730 (35' 2")
B	Max. digging depth	5,630 (18' 6")	6,010 (19' 9")	6,550 (21' 6")	7,530 (24' 8")
B'	Max. digging depth (8' level)	5,390 (17' 8")	5,820 (19' 1")	6,380 (20' 11")	7,390 (24' 3")
C	Max. vertical wall digging depth	5,090 (16' 8")	5,630 (18' 6")	6,100 (20' 0")	7,050 (23' 1")
D	Max. digging height	9,330 (30' 7")	9,530 (31' 3")	9,780 (32' 1")	10,300 (33' 9")
E	Max. dumping height	6,520 (21' 5")	6,710 (22' 0")	6,960 (22' 10")	7,480 (24' 6")
F	Min. front swing radius	3,750 (12' 4")	3,740 (12' 3")	3,670 (12' 0")	3,700 (12' 2")

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degrees

HX220 L

5.68 m (18' 8") Boom; 2.00 m (6' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach			
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
												
7.5 m (25 ft)	kg									*3970	*3970	6.65
	lb									*8750	*8750	(21.8)
6.0 m (20 ft)	kg					*4400	*4400			*4020	3030	7.78
	lb					*9700	*9700			*8860	6680	(25.5)
4.5 m (15 ft)	kg		*5690	*5690		*4820	4640			*4140	2530	8.43
	lb		*12540	*12540		*10630	10230			*9130	5580	(27.7)
3.0 m (10 ft)	kg		*7420	6860		*5570	4370	*4780	3000	4050	2300	8.74
	lb		*16360	15120		*12280	9630	*10540	6610	8930	5070	(28.7)
1.5 m (5 ft)	kg		*8940	6340		*6340	4120	5080	2880	3990	2250	8.73
	lb		*19710	13980		*13980	9080	11200	6350	8800	4960	(28.6)
Ground Line	kg		*9640	6110		*6860	3960	4990	2810	4210	2370	8.42
	lb		*21250	13470		*15120	8730	11000	6190	9280	5220	(27.6)
-1.5 m (-5 ft)	kg	*13940	12320	*9580	6090	*6950	3910			4830	2750	7.76
	lb	*30730	27160	*21120	13430	*15320	8620			10650	6060	(25.5)
-3.0 m (-10 ft)	kg	*12450	*12450	*8770	6200	*6310	4000			*4800	3650	6.61
	lb	*27450	*27450	*19330	13670	*13910	8820			*10580	8050	(21.7)
-4.5 m (-15 ft)	kg	*9410	*9410									
	lb	*20750	*20750									

5.68 m (18' 8") Boom; 2.40 m (7' 10") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach					
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
														
7.5 m (25 ft)	kg											*3660	3640	7.15
	lb											*8070	8020	(23.5)
6.0 m (20 ft)	kg							*3970	*3970			*3730	2750	8.20
	lb							*8750	*8750			*8220	6060	(26.9)
4.5 m (15 ft)	kg							*4450	*4450	*4190	3120	*3860	2320	8.82
	lb							*9810	*9810	*9240	6880	*8510	5110	(28.9)
3.0 m (10 ft)	kg					*6850	*6850	*5240	4410	*4520	3010	3760	2120	9.11
	lb					*15100	*15100	*11550	9720	*9960	6640	8290	4670	(29.9)
1.5 m (5 ft)	kg					*8510	6400	*6080	4130	*4930	2880	3710	2070	9.10
	lb					*18760	14110	*13400	9110	*10870	6350	8180	4560	(29.9)
Ground Line	kg		*8830	*8830	*9440	6100	*6700	3940	4960	2770		3890	2170	8.18
	lb		*19470	*19470	*20810	13450	*14770	8690	10930	6110		8580	4780	(26.8)
-1.5 m (-5 ft)	kg	*9800	*9800	*13550	12120	*9610	6020	*6920	3860			4400	2480	7.12
	lb	*21610	*21610	*29870	26720	*21190	13270	*15260	8510			9700	5470	(23.4)
-3.0 m (-10 ft)	kg	*14180	*14180	*13180	12340	*9040	6100	*6540	3900			*4660	3190	
	lb	*31260	*31260	*29060	27210	*19930	13450	*14420	8600			*10270	7030	
-4.5 m (-15 ft)	kg			*10580	*10580	*7350	6350							
	lb			*23320	*23320	*16200	14000							



1. Lifting capacity are based on SAE J1097 and ISO 10567.

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

3. The load point is a hook located on the back of the bucket.













4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY















 Rating over-front  Rating over-side or 360 degrees

HX220 L

5.68 m (18' 8") Boom; 2.92 m (9' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius										At max. reach								
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)						
																				
7.5 m (25 ft)	kg															*3310	3140	7.78		
	lb															*7300	6920	(25.5)		
6.0 m (20 ft)	kg															*2300	*2300	*3400	2450	8.74
	lb															*5070	*5070	*7500	5400	(28.7)
4.5 m (15 ft)	kg																	*3530	2090	9.32
	lb																	*7780	4610	(30.6)
3.0 m (10 ft)	kg																	3440	1910	9.59
	lb																	7580	4210	(31.5)
1.5 m (5 ft)	kg																	3380	1860	9.59
	lb																	7450	4100	(31.5)
Ground Line	kg																	3520	1930	9.31
	lb																	7760	4250	(30.5)
-1.5 m (-5 ft)	kg																	3910	2170	8.72
	lb																	8620	4780	(28.6)
-3.0 m (-10 ft)	kg																			7.75
	lb																			(25.4)
-4.5 m (-15 ft)	kg																			6.16
	lb																			(20.2)

5.68 m (18' 8") Boom; 3.90 m (12' 9") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius										At max. reach									
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)					
																					
9.0 m (30 ft)	kg																				
	lb																				
7.5 m (25 ft)	kg																				
	lb																				
6.0 m (20 ft)	kg																				
	lb																				
4.5 m (15 ft)	kg																				
	lb																				
3.0 m (10 ft)	kg																				
	lb																				
1.5 m (5 ft)	kg																				
	lb																				
Ground Line	kg																				
	lb																				
-1.5 m (-5 ft)	kg																				
	lb																				
-3.0 m (-10 ft)	kg																				
	lb																				
-4.5 m (-15 ft)	kg																				
	lb																				
-6.0 m (-20 ft)	kg																				
	lb																				

1. Lifting capacity are based on SAE J1097 and ISO 10567.

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

3. The load point is a hook located on the back of the bucket.















4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degrees

HX220 L LONG REACH

8.2 m (26' 11") Boom; 6.3 m (20' 8") arm equipped with 0.52 m³ (SAE heaped) bucket and 800 mm (32") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach							
	4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		10.5 m (35 ft)		12.0 m (40 ft)		13.5 m (45 ft)		Capacity	Reach		
																m (ft)		
10.5 m (35 ft)	kg														*1470	*1470	12.11	
	lb														*3240	*3240	(39.7)	
9.0 m (30 ft)	kg										*930	*930			*1490	*1490	13.11	
	lb										*2050	*2050			*3280	*3280	(43.0)	
7.5 m (25 ft)	kg										*1540	*1540			*1530	1350	13.84	
	lb										*3400	*3400			*3370	2980	(45.4)	
6.0 m (20 ft)	kg								*1590	*1590	*1600	*1600			*1580	1190	14.37	
	lb								*3510	*3510	*3530	*3530			*3480	2620	(47.1)	
4.5 m (15 ft)	kg								*1770	*1770	*1710	*1710	*1260	*1260	*1630	1080	14.72	
	lb								*3900	*3900	*3770	*3770	*2780	*2780	*3590	2380	(48.3)	
3.0 m (10 ft)	kg				*2500	*2500	*2200	*2200	*2000	*2000	*1860	1670	*1590	1260	*1700	1010	14.89	
	lb				*5510	*5510	*4850	*4850	*4410	*4410	*4100	3680	*3510	2780	*3750	2230	(48.9)	
1.5 m (5 ft)	kg	*5570	*5570	*3900	*3900	*3060	*3060	*2560	*2560	*2240	2050	*2030	1570	*1790	1200	*1780	970	14.90
	lb	*12280	*12280	*8600	*8600	*6750	*6750	*5640	*5640	*4940	4520	*4480	3460	*3950	2650	*3920	2140	(48.9)
Ground Line	kg	*6930	6870	*4720	4590	*3580	3320	*2910	2490	*2490	1910	*2200	1480	*1820	1140	*1860	960	14.75
	lb	*15280	15150	*10410	10120	*7890	7320	*6420	5490	*5490	4210	*4850	3260	*4010	2510	*4100	2120	(48.4)
-1.5 m (-5 ft)	kg	*7750	6340	*5330	4220	*4020	3060	*3220	2320	*2700	1790	*2350	1400	*1570	1100	*1960	990	14.42
	lb	*17090	13980	*11750	9300	*8860	6750	*7100	5110	*5950	3950	*5180	3090	*3460	2430	*4320	2180	(47.3)
-3.0 m (-10 ft)	kg	*8150	6120	*5720	4000	*4330	2890	*3450	2190	*2870	1700	*2460	1340			*2060	1050	13.92
	lb	*17970	13490	*12610	8820	*9550	6370	*7610	4830	*6330	3750	*5420	2950			*4540	2310	(45.7)
-4.5 m (-15 ft)	kg	*8220	6060	*5890	3910	*4490	2810	*3590	2120	*2960	1660	*2490	1330			*2180	1170	13.20
	lb	*18120	13360	*12990	8620	*9900	6190	*7910	4670	*6530	3660	*5490	2930			*4810	2580	(43.3)
-6.0 m (-20 ft)	kg	*8020	6130	*5840	3920	*4500	2790	*3600	2110	*2940	1660					*2310	1370	12.25
	lb	*17680	13510	*12870	8640	*9920	6150	*7940	4650	*6480	3660					*5090	3020	(40.2)
-7.5 m (-25 ft)	kg	*7500	6310	*5550	4010	*4300	2850	*3420	2170	*2700	1730					*2430	1710	10.97
	lb	*16530	13910	*12240	8840	*9480	6280	*7540	4780	*5950	3810					*5360	3770	(36.0)
-9.0 m (-30 ft)	kg	*6570	*6570	*4920	4200	*3790	3000	*2890	2320									
	lb	*14480	*14480	*10850	9260	*8360	6610	*6370	5110									
-10.5 m (-35 ft)	kg	*4970	*4970	*3680	*3680													
	lb	*10960	*10960	*8110	*8110													


1. Lifting capacity are based on SAE J1097 and ISO 10567.

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

3. The load point is a hook located on the back of the bucket.











4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degrees

HX220 L HIGH WALKER

5.68 m (18' 8") Boom; 2.00 m (6' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
												
7.5 m (25 ft)	kg									*3970	*3970	6.65
	lb									*8750	*8750	(21.8)
6.0 m (20 ft)	kg					*4400	*4400			*4020	3920	7.78
	lb					*9700	*9700			*8860	8640	(25.5)
4.5 m (15 ft)	kg			*5690	*5690	*4820	*4820			*4140	3330	8.43
	lb			*12540	*12540	*10630	*10630			*9130	7340	(27.7)
3.0 m (10 ft)	kg			*7420	*7420	*5570	*5570	*4780	3930	*4300	3060	8.74
	lb			*16360	*16360	*12280	*12280	*10540	8660	*9480	6750	(28.7)
1.5 m (5 ft)	kg			*8940	8430	*6340	5420	*5140	3810	4300	3010	8.73
	lb			*19710	18580	*13980	11950	*11330	8400	9480	6640	(28.6)
Ground Line	kg			*9640	8190	*6860	5250	*5370	3730	4540	3170	8.42
	lb			*21250	18060	*15120	11570	*11840	8220	10010	6990	(27.6)
-1.5 m (-5 ft)	kg	*13940	*13940	*9580	8160	*6950	5190			*4840	3630	7.76
	lb	*30730	*30730	*21120	17990	*15320	11440			*10670	8000	(25.5)
-3.0 m (-10 ft)	kg	*12450	*12450	*8770	8290	*6310	5290			*4800	4780	6.61
	lb	*27450	*27450	*19330	18280	*13910	11660			*10580	10540	(21.7)
-4.5 m (-15 ft)	kg	*9410	*9410									
	lb	*20750	*20750									

5.68 m (18' 8") Boom; 2.40 m (7' 10") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach				
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
														
7.5 m (25 ft)	kg											*3660	*3660	7.15
	lb											*8070	*8070	(23.5)
6.0 m (20 ft)	kg							*3970	*3970			*3730	3580	8.20
	lb							*8750	*8750			*8220	7890	(26.9)
4.5 m (15 ft)	kg							*4450	*4450	*4190	4060	*3860	3070	8.82
	lb							*9810	*9810	*9240	8950	*8510	6770	(28.9)
3.0 m (10 ft)	kg					*6850	*6850	*5240	*5240	*4520	3940	*4020	2840	9.11
	lb					*15100	*15100	*11550	*11550	*9960	8690	*8860	6260	(29.9)
1.5 m (5 ft)	kg					*8510	8500	*6080	5430	*4930	3810	4010	2780	9.10
	lb					*18760	18740	*13400	11970	*10870	8400	8840	6130	(29.9)
Ground Line	kg			*8830	*8830	*9440	8180	*6700	5230	*5250	3700	4200	2920	8.81
	lb			*19470	*19470	*20810	18030	*14770	11530	*11570	8160	9260	6440	(28.9)
-1.5 m (-5 ft)	kg	*9800	*9800	*13550	*13550	*9610	8090	*6920	5140			*4590	3300	8.18
	lb	*21610	*21610	*29870	*29870	*21190	17840	*15260	11330			*10120	7280	(26.8)
-3.0 m (-10 ft)	kg	*14180	*14180	*13180	*13180	*9040	8170	*6540	5190			*4660	4190	7.12
	lb	*31260	*31260	*29060	*29060	*19930	18010	*14420	11440			*10270	9240	(23.4)
-4.5 m (-15 ft)	kg			*10580	*10580	*7350	*7350							
	lb			*23320	*23320	*16200	*16200							


1. Lifting capacity are based on SAE J1097 and ISO 10567.

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

3. The load point is a hook located on the back of the bucket.













4. (*) indicates load limited by hydraulic capacity.

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degrees

HX220 L HIGH WALKER

5.68 m (18' 8") Boom; 2.92 m (9' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
														
7.5 m (25 ft)	kg											*3310	*3310	7.78
	lb											*7300	*7300	(25.5)
6.0 m (20 ft)	kg								*2300	*2300		*3400	*3210	8.74
	lb								*5070	*5070		*7500	*7080	(28.7)
4.5 m (15 ft)	kg							*3970	*3970	*3780	*3780	*3530	2780	9.32
	lb							*8750	*8750	*8330	*8330	*7780	6130	(30.6)
3.0 m (10 ft)	kg		*9720	*9720	*6100	*6100	*4790	*4790	*4180	3970		*3680	2580	9.59
	lb		*21430	*21430	*13450	*13450	*10560	*10560	*9220	8750		*8110	5690	(31.5)
1.5 m (5 ft)	kg		*8850	*8850	*7900	*7900	*5700	5450	*4660	3800		3660	2530	9.59
	lb		*19510	*19510	*17420	*17420	*12570	12020	*10270	8380		8070	5580	(31.5)
Ground Line	kg		*9590	*9590	*9100	8180	*6440	5210	*5060	3670		3810	2630	9.31
	lb		*21140	*21140	*20060	18030	*14200	11490	*11160	8090		8400	5800	(30.5)
-1.5 m (-5 ft)	kg	*8840	*8840	*12650	*12650	*9540	8010	*6810	5080	5240	3610	4230	2930	8.72
	lb	*19490	*19490	*27890	*27890	*21030	17660	*15010	11200	11550	7960	9330	6460	(28.6)
-3.0 m (-10 ft)	kg	*12230	*12230	*13910	*13910	*9260	8040	*6690	5080			*4420	3590	7.75
	lb	*26960	*26960	*30670	*30670	*20410	17730	*14750	11200			*9740	7910	(25.4)
-4.5 m (-15 ft)	kg		*11800	*11800	*8060	*8060						*4280	*4280	6.16
	lb		*26010	*26010	*17770	*17770						*9440	*9440	(20.2)

5.68 m (18' 8") Boom; 3.90 m (12' 9") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach					
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)	
																
9.0 m (30 ft)	kg												*2700	*2700	7.66	
	lb												*5950	*5950	(25.1)	
7.5 m (25 ft)	kg								*1940	*1940				*2760	*2760	8.94
	lb								*4280	*4280				*6080	*6080	29.3
6.0 m (20 ft)	kg								*2790	*2790				*2850	2600	9.77
	lb								*6150	*6150				*6280	5730	(32.1)
4.5 m (15 ft)	kg								*3050	*3050	*2000	*2000	*2970	2300	10.28	
	lb								*6720	*6720	*4410	*4410	*6550	5070	(33.7)	
3.0 m (10 ft)	kg						*3900	*3900	*3510	*3510	*2870	2860	*3110	2140	10.52	
	lb						*8600	*8600	*7740	*7740	*6330	6310	*6860	4720	(34.5)	
1.5 m (5 ft)	kg		*11080	*11080	*6600	*6600	*4900	*4900	*4080	3820	*3410	2760	3080	2090	10.52	
	lb		*24430	*24430	*14550	*14550	*10800	*10800	*8990	8420	*7520	6080	6790	4610	(34.5)	
Ground Line	kg	*5300	*5300	*10640	*10640	*8200	*8200	*5820	5210	*4610	3630	*3490	2660	3180	2150	10.27
	lb	*11680	*11680	*23460	*23460	*18080	*18080	*12830	11490	*10160	8000	*7690	5860	7010	4740	(33.7)
-1.5 m (-5 ft)	kg	*7540	*7540	*11690	*11690	*9110	7900	*6440	4990	*4990	3510	*2330	*2330	3450	2340	9.75
	lb	*16620	*16620	*25770	*25770	*20080	17420	*14200	11000	*11000	7740	*5140	*5140	7610	5160	(32.0)
-3.0 m (-10 ft)	kg	*10030	*10030	*14390	*14390	*9320	7800	*6660	4910	*5070	3470			*3850	2750	8.91
	lb	*22110	*22110	*31720	*31720	*20550	17200	*14680	10820	*11180	7650			*8490	6060	29.2
-4.5 m (-15 ft)	kg	*13000	*13000	*13310	*13310	*8780	7890	*6290	4960					*3990	3640	7.62
	lb	*28660	*28660	*29340	*29340	*19360	17390	*13870	10930					*8800	8020	(25.0)
-6.0 m (-20 ft)	kg		*10560	*10560	*7050	*7050										
	lb		*23280	*23280	*15540	*15540										

1. Lifting capacity are based on SAE J1097 and ISO 10567.

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

3. The load point is a hook located on the back of the bucket.

4. (*) indicates load limited by hydraulic capacity.

ENGINE	STD	OPT
Cummins QSB 6.7 engine	●	
HYDRAULIC SYSTEM		
Intelligent Power Control (IPC)		
3-power mode, 2-work mode, user mode	●	
Variable Power Control	●	
Pump Flow Control	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control		●
Electronic Fan Control	●	
CABIN & INTERIOR		
ISO Standard cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 volt power outlet (24V DC to 12V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Safety glass windows	●	
Sliding fold-in front window	●	
Sliding side window (LH)	●	
Lockable door	●	
Hot & cool box	●	
Storage compartment & Ashtray	●	
Transparent cabin roof-cover	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat with heater	●	
Pilot-operated slidable joystick	●	
Console box height adjust system	●	
Automatic climate control		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
Centralized monitoring		
8" LCD display	●	
Engine speed or Trip meter/Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed/High speed	●	
Auto idle	●	
Overload	●	
Check Engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO Gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin lights	●	
Cabin front window rain guard	●	
Cabin roof-steel cover		●
Seat		
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY		
Battery master switch	●	
Rearview camera	●	
AAVM (Advanced Around View Monitoring)		●
Four front working lights	●	
Travel alarm	●	
Rear work lamp		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Safety lock valve for boom cylinder with overload warning device	●	
Safety lock valve for arm cylinder		●
Swing Lock System		●
Three outside rearview mirrors	●	
OTHER		
Booms		
5.68 m; 8' 8"	●	
8.2 m; 26' 11" Long reach		●
Arms		
2.0 m; 6' 7"		●
2.4 m; 7' 10"		●
2.92 m; 9' 7"	●	
3.9 m; 12' 10"		●
6.3 m; 20' 8" Long reach		●
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer	●	
Self-diagnostics system	●	
Hi-mate (Remote Management System)	●	
Batteries (2 x 12 V x 160 Ah)	●	
Fuel filler pump (50 l/min)	●	
Single-acting piping kit (breaker, etc.)		●
Double-acting piping kit (clamshell, etc.)	●	
Rotating Piping Kit		●
Quick coupler piping		●
Quick coupler		●
Boom floating control		●
One Pedal Straight Travel System		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Fine Swing Control System		●
Tool kit		●
UNDERCARRIAGE		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
Track shoes		
Triple grouser shoes (600 mm; 24")	●	
Triple grouser shoes (700 mm; 28")		●
Triple grouser shoes (800 mm; 32")		●
Triple grouser shoes (900 mm; 36")		●
Double grouser shoes (600 mm; 24")		●
Double grouser shoes (700 mm; 28")		●
Track rail guard	●	
Full track rail guard high walker		●

STD = Standard
OPT = Optional

- * Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.
- * The photos may include attachments and optional equipment that are not available in your area.
- * Materials and specifications are subject to change without advance notice.
- * All imperial measurements rounded off to the nearest pound or inch.