

MOVING YOU FURTHER

HX330 L

With Tier 4 final / Stage IV Engine installed



*Photo may include optional equipment.

Net Power

SAE J1349 / 270 HP (202 kW) at 1,800 rpm

Gross Power

SAE J1995 / 284 HP (212 kW) at 1,800 rpm

Travel Speed

5.9 km/hr (3.67 mph) / 3.4 km/hr (2.11 mph)

Operating Weight

33,500 kg / 73,850 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.





*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



HX330L

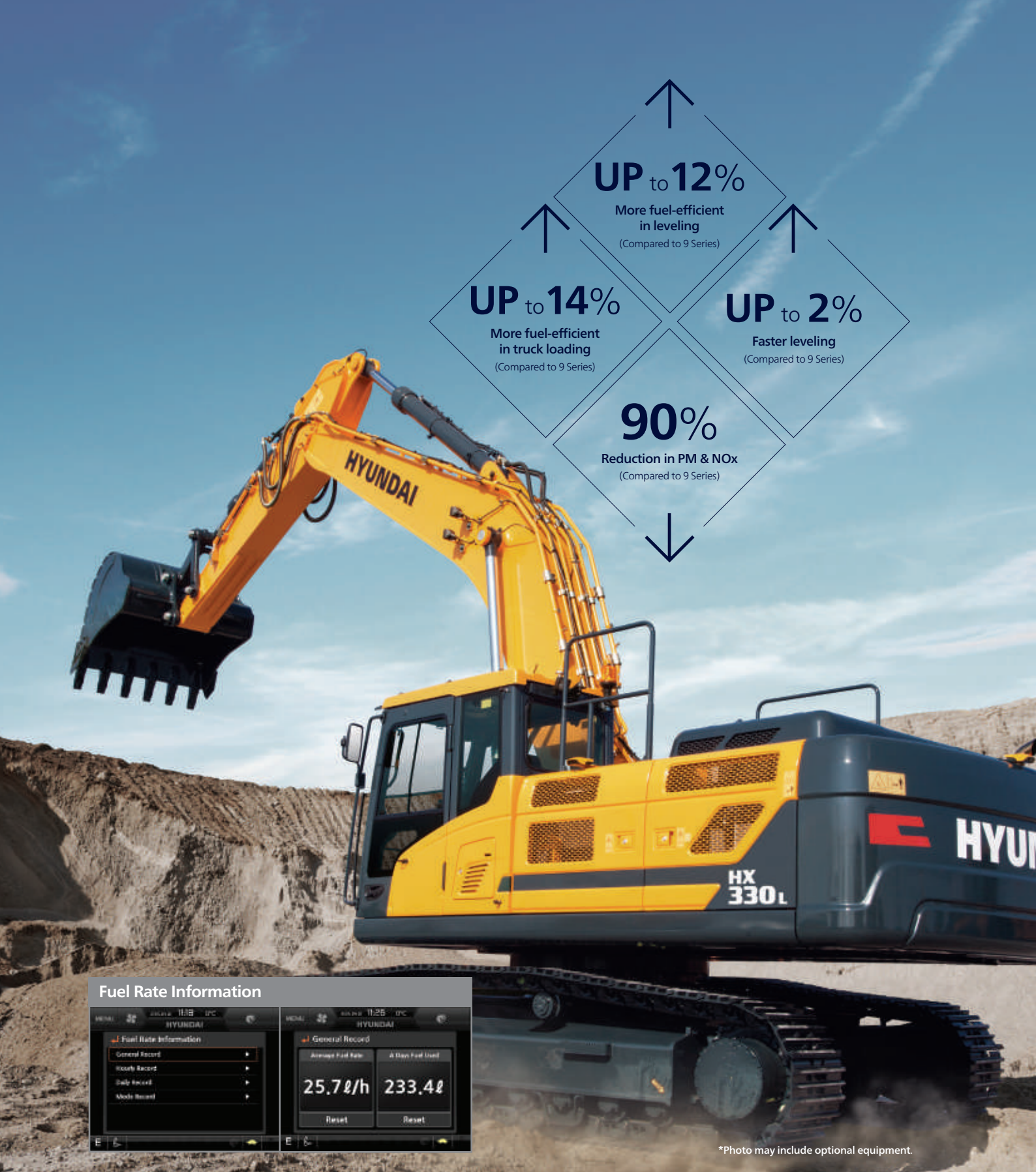


MODERN COMFORT, SIMPLE AND SAFE SOLUTION

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



*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 2% 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.



Cabin space for
drivers increased by
13%
(Compared to 9 Series)

*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



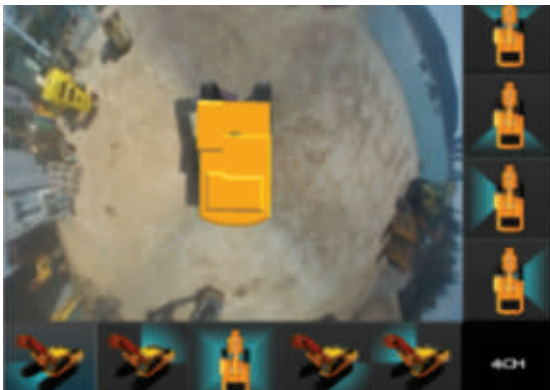
New Audio System

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.

SPECIFICATIONS

ENGINE

Maker / Model			Cummins QSL9
Type			4-cycle turbocharged, charge air cooled diesel engine
Rated flywheel horse power	SAE	J1995 (gross)	284 HP (212 kW) at 1,800 rpm
		J1349 (net)	270 HP (202 kW) at 1,800 rpm
	DIN	6271/1 (gross)	288 PS (212 kW) at 1,800 rpm
		6271/1 (net)	274 PS (202 kW) at 1,800 rpm
Max. torque			123.7 kgf-m (895 lbf-ft) at 1,500 rpm
Bore x stroke			114 x 145 mm (4.49" x 5.69")
Piston displacement			8,900 cc (543 cu in)
Batteries			2 x 12 V x 160 Ah
Starting motor			Denso 24 V - 7.8 kW
Alternator			Denso 24 V - 95 A

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement piston pumps
Max. flow	2 x 277.2 l/min (73.2 U.S. gpm / 60.1 U.K. gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS

Travel	Two speed axial piston motor
Swing	Axial piston motor

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	300 kgf/cm ² (4,270 psi)
Pilot circuit	40 kgf/cm ² (569 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore x stroke	Boom: Ø 150 x 1,480 mm	
	Arm: Ø 160 x 1,685 mm	
	Bucket: Ø 140 x 1,285 mm	

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	27,000 kgf (59,500 lbf)
Max. travel speed (high / low)	5.9km/hr (3.67mph) / 3.4km/hr (2.11mph)
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	9.1 rpm

SERVICE REFILL CAPACITIES

Re-filling	liter	US gal	UK gal
Fuel tank	600	154.7	131.9
Engine coolant	55	14.5	12.1
Engine oil	30	7.9	6.6
Swing device	11	2.91	2.42
Final drive (each)	7.8	2.06	1.72
Hydraulic system (including tank)	414	106.7	91.06
Hydraulic tank	210	54.1	46.2
DEF/AdBlue®	42.5	11.2	9.3

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	48 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 6,250 mm (20' 6") boom; 3,050 mm (10' 0") arm; SAE heaped 1.27 m³ (1.66 yd³) 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")	HX330 L	33,500 (73,850)	0.65 (9.24)
		HX330 HW	36,000 (79,370)	0.69 (9.81)
		HX330 NL	33,300 (73,410)	0.64 (9.10)
	700 (28")	HX330 L	34,070 (75,110)	0.56 (7.96)
		HX330 HW	36,570 (80,620)	0.60 (8.53)
	800 (32")	HX330 L	34,450 (75,950)	0.50 (7.11)
		HX330 HW	36,950 (81,460)	0.53 (7.54)
	900 (36")	HX330 L	34,830 (76,790)	0.45 (6.40)
	700 (28")	HX330 L	37,480 (82,630)	0.61 (8.67)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

						
SAE heaped m ³ (yd ³)	1.44 (1.88)	1.74 (2.28)	2.10 (2.75)	◆ 1.44 (1.88)	◆ 1.44 (1.88) ◆ 1.60 (2.09) ◆ 1.73 (2.26)	◆ 1.83 (2.39)

Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)				
					6,150 (20' 2") Boom	6,450 (21' 2") Boom			
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,200 (7' 3") Arm	2,200 (7' 3") Arm	2,500 (8' 2") Arm	3,200 (10' 6") Arm	4,050 (13' 3") Arm
1.44 (1.88)	1.25 (1.63)	1,410 (55.5)	1,505 (59.3)	1,230 (2,710)	●	●	●	●	⊙
1.74 (2.28)	1.50 (1.96)	1,640 (64.6)	1,735 (68.3)	1,370 (3,020)	●	●	●	⊙	○
2.10 (2.75)	1.83 (2.39)	1,780 (70.1)	1,875 (73.8)	1,500 (3,310)	⊙	⊙	⊙	○	-
◆ 1.44 (1.88)	1.25 (1.63)	1,480 (58.3)	-	1,520 (3,350)	●	●	●	⊙	○
◆ 1.44 (1.88)	1.25 (1.63)	1,470 (57.9)	-	1,610 (3,550)	●	●	●	⊙	○
◆ 1.60 (2.09)	1.39 (1.82)	1,590 (62.6)	-	1,690 (3,730)	●	⊙	⊙	⊙	○
◆ 1.73 (2.26)	1.50 (1.96)	1,700 (66.9)	-	1,760 (3,880)	●	⊙	⊙	○	-
◆ 1.83 (2.39)	1.59 (2.08)	1,770 (69.7)	-	1,860 (4,100)	⊙	⊙	○	○	-

- ◆ Heavy duty bucket
- ◆ Rock-Heavy duty 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.
6.15 m (20' 2") and 6.45 m (21' 2") Booms and 2.2 m (7' 3"); 2.5 m (8' 2"); 3.2 m (10' 6") & 4.05 m (13' 3") Arms are available.

DIGGING FORCE

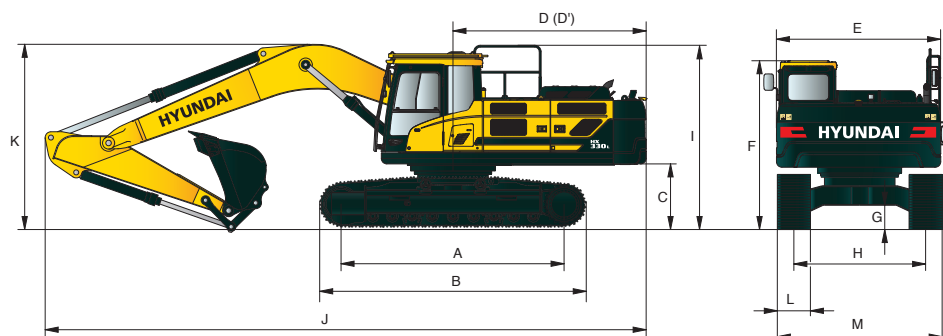
Boom	Length	mm (ft.in)	6,150 (20' 2")	6,450 (21' 2")				Remarks:
	Weight	kg (lb)	2,950 (6,500)	3,030 (6,680)				
Arm	Length	mm (ft.in)	2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	
	Weight	kg (lb)	1,560 (3,440)	1,560 (3,440)	1,650 (3,640)	1,770 (3,900)	1,870 (4,120)	
Bucket digging force	SAE	kN	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	[]: Power Boost
		kgf	19300 [20950]	19300 [20950]	19300 [20950]	19300 [20950]	19300 [20950]	
		lbf	42550 [46200]	42550 [46200]	42550 [46200]	42550 [46200]	42550 [46200]	
	ISO	kN	211.8 [230.0]	211.8 [230.0]	211.8 [230.0]	211.8 [230.0]	211.8 [230.0]	
		kgf	21600 [23450]	21600 [23450]	21600 [23450]	21600 [23450]	21600 [23450]	
		lbf	47620 [51700]	47620 [51700]	47620 [51700]	47620 [51700]	47620 [51700]	
Arm crowd force	SAE	kN	196.6 [213.4]	196.6 [213.4]	178.9 [194.2]	143.2 [155.5]	119.6 [129.9]	
		kgf	20000 [21760]	20000 [21760]	18200 [19810]	14600 [15850]	12200 [13240]	
		lbf	44190 [47980]	44190 [47980]	40220 [43670]	32190 [34950]	26890 [29190]	
	ISO	kN	202.8 [220.2]	202.8 [220.2]	185.1 [201.0]	147.1 [159.7]	122.7 [133.3]	
		kgf	20700 [22450]	20700 [22450]	18900 [20500]	15000 [16290]	12515 [13590]	
		lbf	45600 [49510]	45600 [49510]	41620 [45190]	33070 [35900]	27590 [29950]	

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

DIMENSIONS & WORKING RANGE

HX330 L / HX330 NL DIMENSIONS

6.15 m (20' 2") & 6.45 m (21' 2"); BOOM and 2.2 m (7' 3"); 2.5 m (8' 2"); 3.2 m (10' 6") & 4.05 m (13' 3") ARM

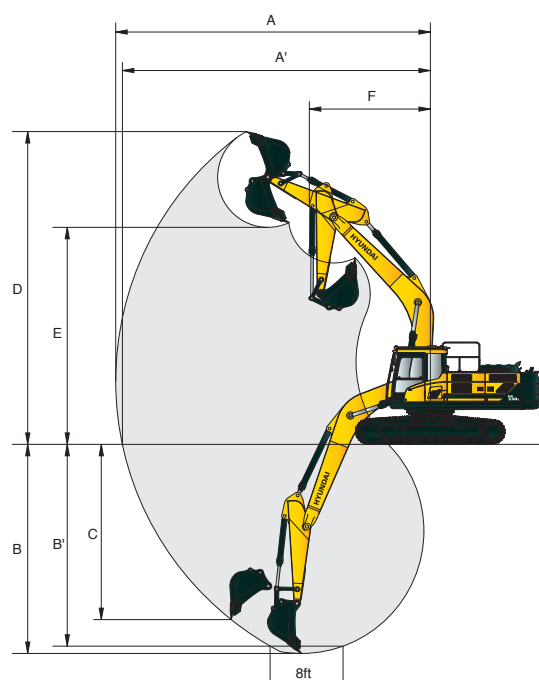


Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
C	Ground clearance of counterweight	1,200 (3' 11")
D	Tail swing radius	3,570 (11' 7")
D'	Rear-end length	3,505 (11' 5")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,160 (10' 4")
G	Min. ground clearance	500 (1' 8")
H	Track gauge	HX330 L 2,680 (8' 10")
	HX330 NL	2,390 (7' 10")
I	Overall height of guardrail	3,350 (11' 0")

Boom length		6,150 (20' 2")	6,450 (21' 2")			
Arm length		2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
J	Overall length	11,170 (36' 8")	11,470 (37' 8")	11,340 (37' 2")	11,220 (36' 10")	11,220 (36' 10")
K	Overall height of boom	3,680 (12' 1")	3,740 (11' 11")	3,760 (12' 0")	3,380 (11' 1")	3,860 (12' 8")
L	Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")	
M	Overall width	HX330 L	3,280 (10' 9")	3,380 (11' 1")	3,480 (11' 5")	3,580 (11' 5")
		HX330 NL	2,990 (9' 10")			

HX330 L / HX330 NL WORKING RANGE



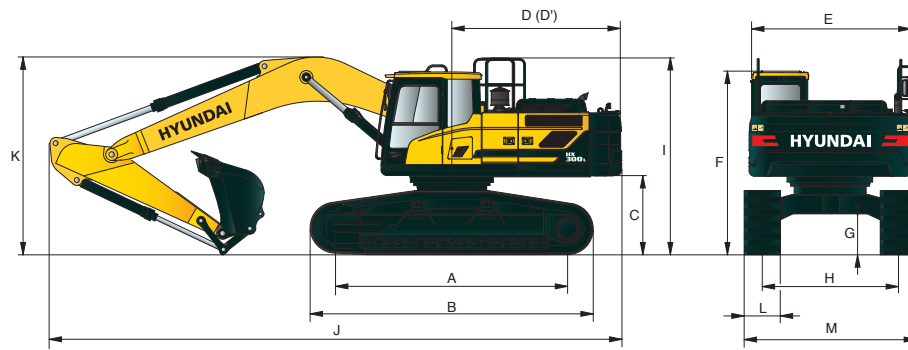
Unit : mm (ft-in)

Boom length		6,150 (20' 2")	6,450 (21' 2")			
Arm length		2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
A	Max. digging reach	10,020 (32' 10")	10,330 (33' 11")	10,550 (34' 7")	11,140 (36' 7")	11,950 (39' 2")
A'	Max. digging reach on ground	9,800 (32' 2")	10,110 (33' 2")	10,330 (33' 11")	10,940 (35' 11")	11,760 (38' 7")
B	Max. digging depth	6,160 (20' 3")	6,370 (20' 11")	6,670 (21' 11")	7,370 (24' 2")	8,220 (26' 12")
B'	Max. digging depth (8' level)	5,950 (19' 6")	6,160 (20' 3")	6,470 (21' 3")	7,210 (23' 8")	8,080 (26' 6")
C	Max. vertical wall digging depth	5,710 (18' 9")	5,980 (19' 7")	5,920 (19' 5")	6,360 (20' 10")	7,260 (23' 10")
D	Max. digging height	9,940 (32' 7")	10,220 (33' 6")	10,170 (33' 4")	10,310 (33' 10")	10,710 (35' 2")
E	Max. dumping height	6,780 (22' 3")	7,050 (23' 2")	7,050 (23' 2")	7,240 (23' 9")	7,630 (25' 0")
F	Min. front swing radius	4,520 (14' 10")	4,700 (15' 5")	4,550 (14' 11")	4,460 (14' 8")	4,470 (14' 8")

DIMENSIONS & WORKING RANGE

HX330 L HIGH WALKER DIMENSIONS

6.45 m (21' 2") BOOM and 2.2 m (7' 3"); 2.5 m (8' 2"); 3.2 m (10' 6") & 4.05 m (13' 3") ARM



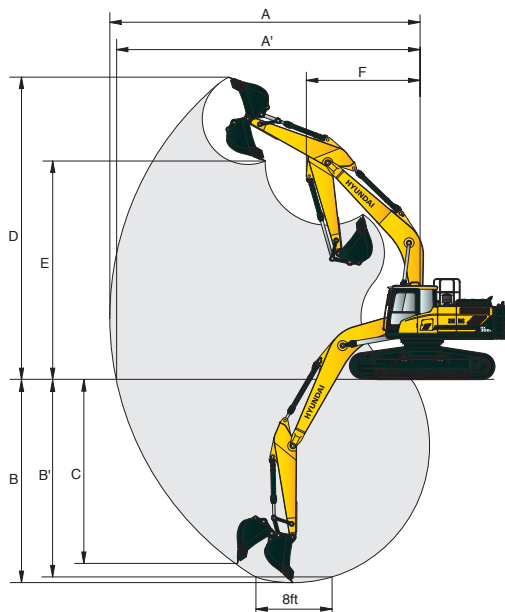
Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
C	Ground clearance of counterweight	1,500 (4' 11")
D	Tail swing radius	3,570 (11' 7")
D'	Rear-end length	3,505 (11' 5")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,440 (11' 3")
G	Min. ground clearance	765 (2' 6")
H	Track gauge	2,870 (9' 5")
I	Overall height of guardrail	3,650 (12' 0")

Boom length		6,450 (21' 2")				
Arm length		2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	
J	Overall length	11,460 (37' 7")	11,340 (37' 2")	11,150 (36' 7")	11,240 (36' 11")	
K	Overall height of boom	3,740 (12' 3")	3,760 (12' 4")	3,360 (11' 0")	3,810 (12' 6")	
L	Track shoe	Type	Triple grouser			Double grouser
		Width	600 (24")	700 (28")	800 (32")	900 (36")
M	Overall width	3,470 (11' 5")	3,570 (11' 9")	3,670 (12' 0")	3,570 (11' 9")	

HX330 L HIGH WALKER WORKING RANGE

Unit : mm (ft-in)













Boom length		6,450 (21' 2")			
Arm length		2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
A	Max. digging reach	10,330 (33' 11")	10,550 (34' 7")	11,140 (36' 7")	11,950 (39' 2")
A'	Max. digging reach on ground	10,040 (32' 11")	10,270 (33' 8")	10,880 (35' 8")	11,710 (38' 5")
B	Max. digging depth	6,100 (20' 0")	6,400 (20' 12")	7,100 (23' 4")	7,950 (26' 1")
B'	Max. digging depth (8' level)	5,890 (19' 4")	6,200 (20' 4")	6,940 (22' 9")	7,800 (25' 7")
C	Max. vertical wall digging depth	5,700 (18' 8")	5,650 (18' 6")	6,080 (19' 11")	6,980 (22' 11")
D	Max. digging height	10,500 (34' 5")	10,450 (34' 3")	10,590 (34' 9")	10,990 (36' 1")
E	Max. dumping height	7,330 (24' 1")	7,330 (24' 1")	7,520 (24' 8")	7,910 (25' 11")
F	Min. front swing radius	4,700 (15' 5")	4,550 (14' 11")	4,460 (14' 8")	4,470 (14' 8")

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degrees

HX330 L

6.15 m (20' 2") boom; 2.2 m (7' 3") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		Capacity		Reach
												m (ft)
7.5 m (25 ft)	kg lb									*7380 *16270	6080 13400	7.69 (25.2)
6.0 m (20 ft)	kg lb					*8280 *18250	*8280 *18250	*7970 *17570	6200 13670	*7440 *16400	4850 10690	8.61 (28.2)
4.5 m (15 ft)	kg lb			*11980 *26410	*11980 *26410	*9530 *21010	8850 19510	*8390 *18500	6060 13360	6600 14550	4230 9330	9.16 (30.1)
3.0 m (10 ft)	kg lb			*15470 *34110	13010 28680	*11120 *24520	8350 18410	9080 20020	5830 12850	6220 13710	3950 8710	9.39 (30.8)
1.5 m (5 ft)	kg lb			*17910 *39480	12210 26920	*12530 *27620	7920 17460	8840 19490	5600 12350	6190 13650	3910 8620	9.35 (30.7)
Ground Line	kg lb			*18640 *41090	11930 26300	12410 27360	7660 16890	8670 19110	5450 12020	6530 14400	4120 9080	9.02 (29.6)
-1.5 m (-5 ft)	kg lb	*16990 *37460	*16990 *37460	*18160 *40040	11930 26300	12320 27160	7580 16710	8630 19030	5420 11950	7400 16310	4690 10340	8.37 (27.5)
-3.0 m (-10 ft)	kg lb	*22830 *50330	*22830 *50330	*16550 *36490	12120 26720	*12300 *27120	7690 16950			*8260 *18210	5970 13160	7.29 (23.9)
-4.5 m (-15 ft)	kg lb	*17800 *39240	*17800 *39240	*13080 *28840	12560 27690							

6.45 m (21' 2") boom; 2.2 m (7' 3") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		Capacity		Reach
												m (ft)
7.5 m (25 ft)	kg lb									*7020 *15480	5490 12100	8.07 (26.5)
6.0 m (20 ft)	kg lb					*8120 *17900	*8120 *17900	*7600 *16760	6140 13540	6900 15210	4430 9770	8.95 (29.4)
4.5 m (15 ft)	kg lb			*12260 *27030	*12260 *27030	*9450 *20830	8660 19090	*8150 *17970	5950 13120	6140 13540	3890 8580	9.47 (31.1)
3.0 m (10 ft)	kg lb					*11050 *24360	8120 17900	8930 19690	5690 12540	5790 12760	3630 8000	9.70 (31.8)
1.5 m (5 ft)	kg lb					*12410 *27360	7680 16930	8670 19110	5450 12020	5770 12720	3600 7940	9.66 (31.7)
Ground Line	kg lb			*18350 *40450	11600 25570	12150 26790	7430 16380	8500 18740	5290 11660	6060 13360	3780 8330	9.34 (30.6)
-1.5 m (-5 ft)	kg lb	*14500 *31970	*14500 *31970	*17770 *39180	11640 25660	12080 26630	7370 16250	8460 18650	5250 11570	6810 15010	4280 9440	8.72 (28.6)
-3.0 m (-10 ft)	kg lb	*22000 *48500	*22000 *48500	*16270 *35870	11850 26120	12210 26920	7480 16490			*7830 *17260	5360 11820	7.70 (25.3)
-4.5 m (-15 ft)	kg lb	*17710 *39040	*17710 *39040	*13290 *29300	12270 27050							

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

HX330 L

6.45 m (21' 2") boom; 2.5 m (8' 2") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		9.0 m (29.4 ft)		Capacity		Reach
														m (ft)
7.5 m (24.5 ft)	kg lb											*6610 *14570	5190 11440	8.34 (27.4)
6.0 m (19.6 ft)	kg lb							*7220 *15920	6170 13600			6590 14530	4220 9300	9.19 (30.2)
4.5 m (14.7 ft)	kg lb			*11490 *25330	*11490 *25330	*9010 *19860	8710 19200	*7820 *17240	5960 13140			5880 12960	3710 8180	9.70 (31.8)
3.0 m (9.8 ft)	kg lb			*15000 *33070	12650 27890	*10650 *23480	8130 17920	*8660 *19090	5670 12500			5560 12260	3460 7630	9.92 (32.5)
1.5 m (4.9 ft)	kg lb			*17450 *38470	11780 25970	*12090 *26650	7650 16870	8640 19050	5410 11930	6410 14130	3990 8800	5520 12170	3420 7540	9.88 (32.4)
Ground Line	kg lb			*18220 *40170	11490 25330	12090 26650	7360 16230	8440 18610	5230 11530			5780 12740	3580 7890	9.57 (31.4)
-1.5 m (-4.9 ft)	kg lb	*15100 *33290	*15100 *33290	*17870 *39400	11480 25310	11980 26410	7270 16030	8370 18450	5170 11400			6450 14220	4020 8860	8.97 (29.4)
-3.0 m (-9.8 ft)	kg lb	*22890 *50460	*22890 *50460	*16580 *36550	11660 25710	12070 26610	7350 16200					*7820 *17240	4960 10930	7.98 (26.2)
-4.5 m (-14.7 ft)	kg lb	*18960 *41800	*18960 *41800	*13950 *41800	12050 26570	*10230 *22550	7640 16840					*7180 *15830	*7180 *15830	6.42 (21.1)

6.45 m (21' 2") boom; 3.2 m (10' 6") arm equipped with 1.44 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)
7.5 m (25 ft)	kg lb									*5160 *11380	*5160 *11380			*5870 *12940	4510 9940	9.06 (29.7)
6.0 m (20 ft)	kg lb									*6410 *14130	6300 13890			5880 12960	3740 8250	9.84 (32.3)
4.5 m (15 ft)	kg lb							*8000 *17640	*8000 *17640	*7090 *15630	6040 13320	*5360 *11820	4290 9460	5300 11680	3310 7300	10.31 (33.8)
3.0 m (10 ft)	kg lb					*13300 *29320	13080 28840	*9720 *21430	8270 18230	*8020 *17680	5730 12630	6570 14480	4140 9130	5020 11070	3090 6810	10.52 (34.5)
1.5 m (5 ft)	kg lb					*16290 *35910	11990 26430	*11360 *25040	7720 17020	8650 19070	5420 11950	6390 14090	3970 8750	4970 10960	3040 6700	10.48 (34.4)
Ground Line	kg lb			*10320 *22750	*10320 *22750	*17800 *39240	11460 25260	12070 26610	7340 16180	8400 18520	5190 11440	6260 13800	3850 8490	5160 11380	3150 6940	10.19 (33.4)
-1.5 m (-5 ft)	kg lb	*11460 *25260	*11460 *25260	*14560 *32100	*14560 *32100	*18040 *39770	11320 24960	11870 26170	7160 15790	8260 18210	5060 11160			5660 12480	3470 7650	9.63 (31.6)
-3.0 m (-10 ft)	kg lb	*15430 *34020	*15430 *34020	*19550 *43100	*19550 *43100	*17260 *38050	11400 25130	11870 26170	7160 15790	8270 18230	5070 11180			6690 14750	4160 9170	8.74 (28.7)
-4.5 m (-15 ft)	kg lb			*21700 *47840	*21700 *47840	*15310 *33750	11680 25750	*11330 *24980	7350 16200					*7380 *16270	5670 12500	7.37 (24.2)
-6.0 m (-20 ft)	kg lb					*11240 *24780	*11240 *24780									



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











HX330 L

6.45 m (21' 2") boom; 4.05 m (13' 3") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius										At max. reach				
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)		Capacity		Reach
																m (ft)
7.5 m (25 ft)	kg lb													*5090 *11220	3700 8160	10.00 (32.8)
6.0 m (20 ft)	kg lb											*4410 *9720	*4410 *9720	5020 11070	3120 6880	10.71 (35.1)
4.5 m (15 ft)	kg lb									*6100 *13450	*6100 *13450	*5630 *12410	4330 9550	4570 10080	2780 6130	11.13 (36.5)
3.0 m (10 ft)	kg lb			*17980 *39640	*17980 *39640	*11050 *24360	*11050 *24360	*8430 *18580	*8430 *18580	*7110 *15670	5780 12740	*6360 *14020	4130 9110	4340 9570	2600 5730	11.32 (37.1)
1.5 m (5 ft)	kg lb			*10550 *23260	*10550 *23260	*14520 *32010	12330 27180	*10270 *22640	7820 17240	*8170 *18010	5420 11950	6360 14020	3930 8660	4290 9460	2540 5600	11.29 (37.0)
Ground Line	kg lb			*10920 *24070	*10920 *24070	*16810 *37060	11520 25400	*11740 *25880	7330 16160	8350 18410	5130 11310	6170 13600	3750 8270	4420 9740	2620 5780	11.03 (36.2)
-1.5 m (-5 ft)	kg lb	*9970 *21980	*9970 *21980	*13500 *29760	*13500 *29760	*17770 *39180	11160 24600	11760 25930	7050 15540	8140 17950	4940 10890	6050 13340	3650 8050	4780 10540	2850 6280	10.52 (34.5)
-3.0 m (-10 ft)	kg lb	*13140 *28970	*13140 *28970	*17090 *37680	*17090 *37680	*17640 *38890	11100 24470	11650 25680	6950 15320	8060 17770	4870 10740	6040 13320	3640 8020	5480 12080	3320 7320	9.72 (31.9)
-4.5 m (-15 ft)	kg lb	*16780 *36990	*16780 *36990	*21910 *48300	*21910 *48300	*16430 *36220	11260 24820	11730 25860	7030 15500	8150 17970	4950 10910			*6870 *15150	4260 9390	8.53 (28.0)
-6.0 m (-20 ft)	kg lb			*19740 *43520	*19740 *43520	*13170 *30230	11670 25730	*9910 *21850	7320 16140					*6610 *14570	6600 14550	6.71 (22.0)

HX330 NL

6.45 m (21' 2") boom; 2.2 m (7' 3") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		Capacity		Reach
												m (ft)
7.5 m (25 ft)	kg									*7020	4640	8.07
	lb									*15480	10230	(26.5)
6.0 m (20 ft)	kg					*8120	7760	*7600	5180	6850	3700	8.95
	lb					*17900	17110	*16760	11420	15100	8160	(29.4)
4.5 m (15 ft)	kg			*12260	11550	*9450	7310	*8150	5000	6090	3210	9.47
	lb			*27030	25460	*20830	16120	*17970	11020	13430	7080	(31.1)
3.0 m (10 ft)	kg					*11050	6790	8880	4750	5750	2980	9.70
	lb					*24360	14970	19580	10470	12680	6570	(31.8)
1.5 m (5 ft)	kg					12360	6360	8620	4520	5730	2940	9.66
	lb					27250	14020	19000	9960	12630	6480	(31.7)
Ground Line	kg			*18350	9450	12070	6130	8440	4370	6020	3100	9.34
	lb			*40450	20830	26610	13510	18610	9630	13270	6830	(30.6)
-1.5 m (-5 ft)	kg	*14500	*14500	*17770	9500	12010	6070	8400	4330	6770	3530	8.72
	lb	*31970	*31970	*39180	20940	26480	13380	18520	9550	14930	7780	(28.6)
-3.0 m (-10 ft)	kg	*22000	19730	*16270	9690	12130	6170			*7830	4460	7.70
	lb	*48500	43500	*35870	21360	26740	13600			*17260	9830	(25.3)
-4.5 m (-15 ft)	kg	*17710	*17710	*13290	10090							
	lb	*39040	*39040	*29300	22240							

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

HX330 NL

6.45 m (21' 2") boom; 2.5 m (8' 2") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		9.0 m (29.4 ft)		Capacity		Reach
														m (ft)
7.5 m (24.5 ft)	kg											*6610	4380	8.34
	lb											*14570	9660	(27.4)
6.0 m (19.6 ft)	kg							*7220	5210			6550	3510	9.19
	lb							*15920	11490			14440	7740	(30.2)
4.5 m (14.7 ft)	kg			*11490	*11490	*9010	7350	*7820	5010			5840	3050	9.70
	lb			*25330	*25330	*19860	16200	*17240	11050			12870	6720	(31.8)
3.0 m (9.8 ft)	kg			*15000	10440	*10650	6800	*8660	4730			5520	2830	9.92
	lb			*33070	23020	*23480	14990	*19090	10430			12170	6240	(32.5)
1.5 m (4.9 ft)	kg			*17450	9620	*12090	6340	8580	4480	6360	3270	5480	2780	9.88
	lb			*38470	21210	*26650	13980	18920	9880	14020	7210	12080	6130	(32.4)
Ground Line	kg			*18220	9340	*12010	6060	8380	4300			5740	2920	9.57
	lb			*40170	20590	*26480	13360	18470	9480			12650	6440	(31.4)
-1.5 m (-4.9 ft)	kg	*15100	*15100	*17870	9340	11900	5970	8310	4240			6400	3290	8.97
	lb	*33290	*33290	*39400	20590	26230	13160	18320	9350			14110	7250	(29.4)
-3.0 m (-9.8 ft)	kg	*22890	19360	*16580	9510	11990	6040					*7820	4110	7.98
	lb	*50460	42680	*36550	20970	26430	13320					*17240	9060	(26.2)
-4.5 m (-14.7 ft)	kg	*18960	*18960	*13950	9870	*10230	6330					*7180	6120	6.42
	lb	*41800	*41800	*30750	21760	*22550	13960					*15830	13490	(21.1)

6.45 m (21' 2") boom; 3.2 m (10' 6") arm equipped with 1.44 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
														m (ft)
7.5 m (25 ft)	kg									*5160	*5160			9.06
	lb									*11380	*11380			(29.7)
6.0 m (20 ft)	kg									*6410	5340			9.84
	lb									*14130	11770			(32.3)
4.5 m (15 ft)	kg							*8000	7520	*7090	5090	*5360	3570	10.31
	lb							*17640	16580	*15630	11220	*11820	7870	(33.8)
3.0 m (10 ft)	kg					*13300	10840	*9720	6930	*8020	4780	6530	3410	10.52
	lb					*29320	23900	*21430	15280	*17680	10540	14400	7520	(34.5)
1.5 m (5 ft)	kg					*16290	9820	*11360	6400	8600	4480	6350	3250	10.48
	lb					*35910	21650	*25040	14110	18960	9880	14000	7170	(34.4)
Ground Line	kg			*10320	*10320	*17800	9320	11990	6030	8340	4260	6220	3130	10.19
	lb			*22750	*22750	*39240	20550	26430	13290	18390	9390	13710	6900	(33.4)
-1.5 m (-5 ft)	kg	*11460	*11460	*14560	*14560	*18040	9180	11790	5860	8210	4140			9.63
	lb	*25260	*25260	*32100	*32100	*39770	20240	25990	12920	18100	9130			(31.6)
-3.0 m (-10 ft)	kg	*15430	*15430	*19550	18810	*17260	9260	11790	5860	8220	4150			8.74
	lb	*34020	*34020	*43100	41470	*38050	20410	25990	12920	18120	9150			(28.7)
-4.5 m (-15 ft)	kg			*21700	19340	*15310	9520	*11330	6040					7.37
	lb			*47840	42640	*33750	20990	*24980	13320					(24.2)
-6.0 m (-20 ft)	kg					*11240	10070							
	lb					*24780	22200							

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

HX330 L HIGH WALKER

6.45 m (21' 2") boom; 2.5 m (8' 2") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		9.0 m (29.4 ft)		Capacity		Reach
														m (ft)
7.5 m (24.5 ft)	kg lb											*6620 *14590	5780 12740	8.53 (28.0)
6.0 m (19.6 ft)	kg lb							*7300 *16090	7120 15700			*6720 *14820	4830 10650	9.31 (30.5)
4.5 m (14.7 ft)	kg lb			*12140 *26760	*12140 *26760	*9300 *20500	*9300 *20500	*7960 *17550	6880 15170			6410 14130	4330 9550	9.76 (32.0)
3.0 m (9.8 ft)	kg lb			*15590 *34370	14610 32210	*10950 *24140	9380 20680	*8820 *19440	6590 14530			6130 13510	4100 9040	9.93 (32.6)
1.5 m (4.9 ft)	kg lb			*17710 *39040	13840 30510	*12300 *27120	8920 19670	9460 20860	6340 13980	7200 15870	4840 10670	6150 13560	4100 9040	9.84 (32.3)
Ground Line	kg lb			*18220 *40170	13610 30000	*13030 *28730	8670 19110	9290 20480	6180 13620			6510 14350	4340 9570	9.48 (31.1)
-1.5 m (-4.9 ft)	kg lb	*16440 *36240	*16440 *36240	*17710 *39040	13640 30070	*13030 *28730	8600 18960	9240 20370	6130 13510			7340 16180	4920 10850	8.82 (28.9)
-3.0 m (-9.8 ft)	kg lb	*22420 *49430	*22420 *49430	*16220 *35760	13860 30560	*12130 *26740	8720 19220					*7780 *17150	6170 13600	7.75 (25.4)
-4.5 m (-14.7 ft)	kg lb	*17900 *39460	*17900 *39460	*13210 *29120	*13210 *29120									

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.

NOTES

ENGINE	STD	OPT
Cummins QSL 9 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	STD	OPT
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		●
Three outside rearview mirrors	●	
OTHER		
Booms		
6.15 m; 20' 2"		●
6.45 m; 21' 2"	●	
Arms		
2.2 m; 7' 3"		●
2.5 m; 8' 2"		●
3.2 m; 10' 6"	●	
4.05 m; 13' 3"		●
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)		●
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 (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.