

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	●	
Hyundai Bio Hydraulic Oil (HBHO)		●
CAB & 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 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 10262 Level 2		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera		●
AAVM (Advanced Around View Monitoring)		●
Six front working lights (4 boom mounted, 2 front frame mounted)	●	
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 mirror	●	
OTHER		
Booms		
6.15m, 20' 2"		●
6.45m, 21' 2"	●	
Arms		
2.2m, 7' 3"		●
2.5m, 8' 2"		●
3.2m, 10' 6"	●	
4.05m, 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 12V 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 grouzers shoes (600mm, 24")	●	
Triple grouzers shoe (700mm, 28")		●
Triple grouzers shoe (800mm, 32")		●
Triple grouzers shoe (900mm, 36")		●
Double grouzers shoe (700mm, 28")		●
Track rail guard	●	
Full track rail guard		●

* 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.

MOVING YOU FURTHER

HX330 L

With Tier4 final / Stage IV Engine installed



*Photo may include optional equipment.

 **HYUNDAI CONSTRUCTION EQUIPMENT**

PLEASE CONTACT

www.hyundai-ce.com

2019. 12 Rev.7

Net Power

SAE J1349 / 287 HP (214 kW) at 2,200 rpm

Gross Power

SAE J1995 / 300 HP (224 kW) at 2,200 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 customer's expectation!
Become a true leader on the ground with HHI's HX series.

HX330L



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 Straight Travel (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

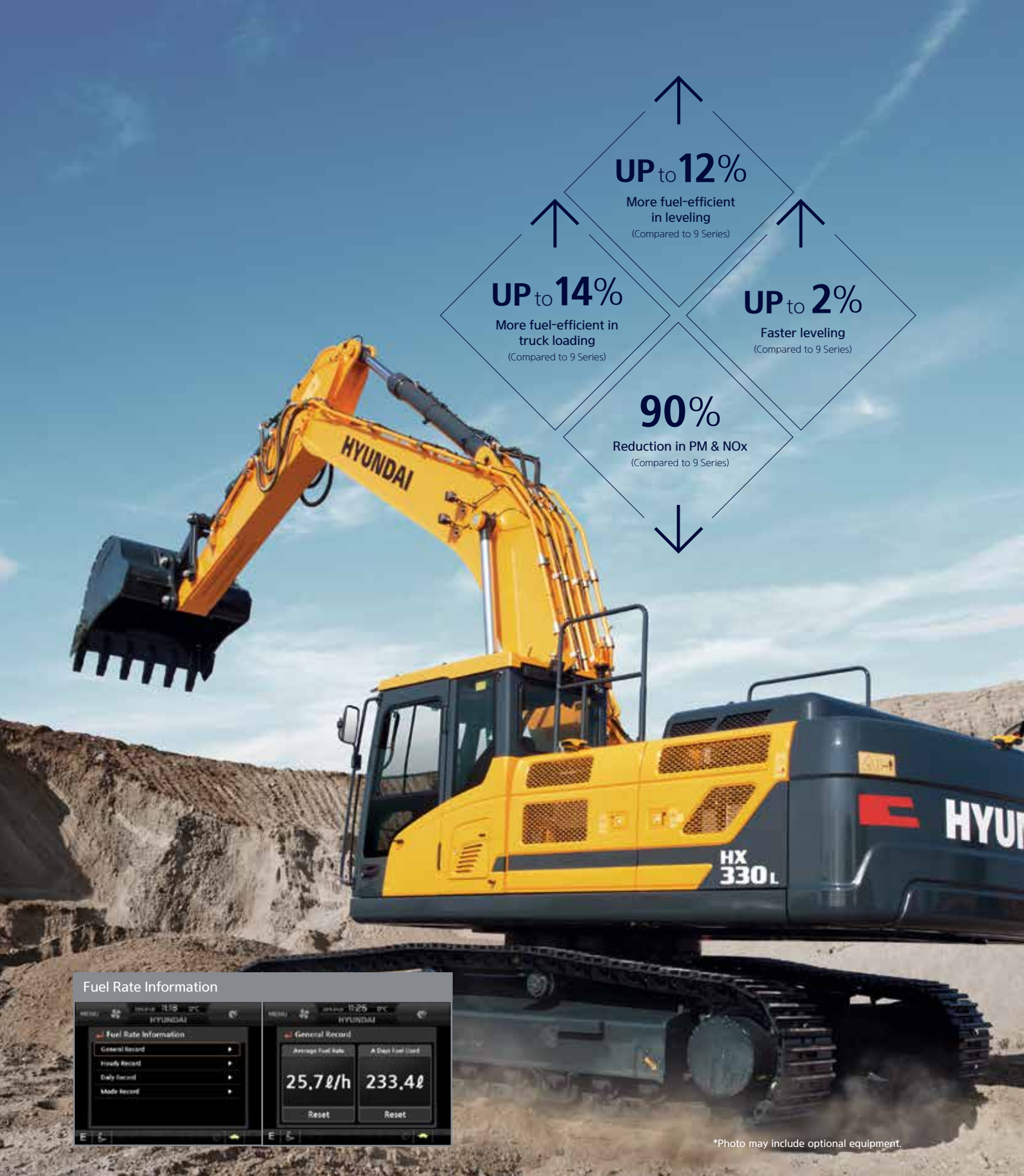


MODERN COMFORT, SIMPLE AND SAFE SOLUTION

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



*Photo may include optional equipment.



*Photo may include optional equipment.

Cycle Time Improvement

The HX Series has higher productivity with faster cycle speeds; it loads trucks up to 2% faster than the 9 Series.

Boom Floating Control (Option)

This option allows for improved stability and control when leveling. The boom is allowed to float with the arm-in and arm-out movement.

MAXIMUM PERFORMANCE

Optimal Performance with Fuel Efficiency

The HX Series is equipped with eco-friendly, high-performance engines that meet the Tier 4 Final emission requirements.



ECO Gauge

Using this function, the operator can monitor fuel consumption in real-time or review historical data. The colored gauge represents engine torque and fuel efficiency. Also displayed are the average and total fuel consumed. The hourly and daily fuel consumption is also viewable through the menu.



IPC (Intelligent Power Control)

This mode analyzes operator control patterns, and automatically adjusts engine RPM and hydraulic flow to ensure maximum fuel economy and productivity.

New Variable Power Control

The HX Series improves fuel efficiency with its new variable power control. Its three-stage Power mode ensures the highest performance in any operating environment.

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

Electronic Viscous Fan Clutch

The electronic fan clutch reduces noise, and minimizes fuel consumption during operation by precisely controlling RPM depending on the hydraulic oil and coolant temperature. During cold applications the fan is slowed to allow for hydraulic oil to warm up to optimal operating temperature.



Attachment Flow Control (Option)

The HX Series improves pump flow rate by giving the operator independent control of two pumps. It optimizes flow rate settings according to the attachment type (ten breaker types and ten crusher types), which is ideal for various applications.



Reinforced, Vented Cooler Door Grill

The cooler door grill is designed for maximum air flow and reduced contamination.

One Pedal Straight Travel (Option)

Activated by a toggle button, the left-hand pedal allows for straight forward and reverse travel. This is ideal when working along roads, banks, trenches, and when traveling longer distances.

New Cooling System with Increased Air Flow

The HX Series has a vertically stacked cooling configuration which provides improved cooling efficiency through increased air flow and reduced heat.

RUGGED, RELIABLE AND DURABLE

Robust and Safe Structural Design

The true value of the HX Series lies in its durability and high productivity. The robust upper and lower frame structure can endure external shock and heavy work loads. Attachment performance has been proven through rigorous field testing. No matter how tough the working environment is, you can always rely on the HX series.



Durable Cooling Module

The HX Series has a durable cooling module designed to produce maximum productivity in the harshest working environments.



Chrome Coated Pins



Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HX Series are reinforced and engineered to handle the most demanding jobs.

Reinforced Pins, Bushing, and Polymer Shims

The HX series features improved component reliability through the attachment. Wear gaps that occur between the attachment and the boom are minimized by wear-resistant long-life pins, bushings, and polymer shims, for maximum performance and durability.

Wear Resistant Cover Plate

A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the pin connection between the arm and the bucket. Reduced bucket vibrations improve operator control even under heavy load conditions.



*Photo may include optional equipment.

Hi-grade (High-pressure) Hoses

The HX Series uses high grade, high-pressure hoses with increased heat and pressure resistance for improved durability.



New Air Conditioning System

The HX series features an enhanced capacity air conditioning and heating system. The APTC auxiliary heat capacity is increased by 15%, providing a consistently comfortable operating environment. The ventilation was designed so that warm and cool air can be directed to the operators' faces, increasing their work satisfaction.

CAB COMFORT ENHANCEMENTS

Improved Instrument Panel for Easier Monitoring

Many electronic functions are concentrated in the most convenient spot for operators to improve work efficiency. The highly-advanced infotainment system, a product of HHI's intensive information technology development, enables both productivity and comfort while working! The HX Series is designed with the operator in mind.



Intelligent and Wide Cluster

The 8-inch interactive touchscreen display of the HX Series is 15% larger than that of the previous model. The centralized switches on the display allow the operator to check the urea level and the temperature outside the cab. The audio AUX, air conditioner, heater integration, wiper, lamp, overload warning, travel, alarm and inclinorator also contribute to operator productivity.



Haptic Control

The integrated jog shuttle-type haptic controller controls to the accelerator, air conditioner, and all functions within the cluster for maximum convenience.

Wi-Fi Direct with Smart Phone (Miracast)

The Smart Terminal - Miracast System uses the Wi-fi from the operator's smart phone to easily and conveniently enable features of the smart phone, such as navigating, surfing the web, watching videos, and listening to music, on the 8" screen. (Currently only available for Android phones.)

Proportional Auxiliary Hydraulic System(Optional)

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



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.



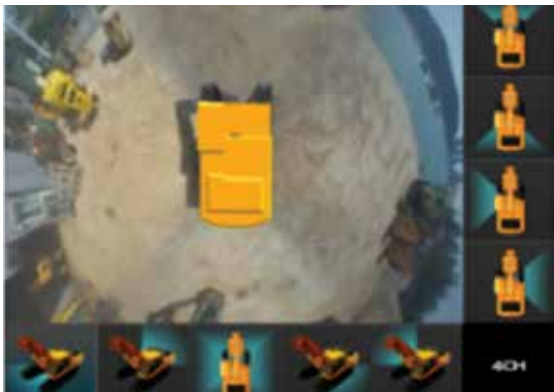
New Audio System

The radio player with a USB-based MP3 player, an integrated Bluetooth hands-free feature, and a built-in microphone allow for phone calls while at work and in transit. The radio player is conveniently located on the right side of the operator to allow for improved access.

ADVANCED TECHNOLOGIES & SAFE SOLUTIONS

New Cab Designed for Ergonomics, Comfort & Safety

Low noise, low vibration, and ergonomic design make the cab space more comfortable and pleasant. The HX Series was designed with advanced technology for maximum safety both for the operator and for the workers on the job site.



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

The HX Series has a state-of-the-art AAVM video camera system to maximize operator awareness of the surrounding areas. This system allows a 360° field of vision for operators, which minimizes accidents. Operators can maintain a constant view of the workplace in the front, the rear, the right and the left.



Easy Access to DEF/AdBlue® Supply System

The DEF/AdBlue® tank is installed next to the tool box and its inlet is remotely located for easy access and convenient supply. A red lamp signal warns of overfill. The DEF/AdBlue® supply module is attached on the side of the fuel tank for easy maintenance and filter replacement.



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

*IMOD (Intelligent Moving Object Detection): Informs operator when people or objects are detected within a specific range of operation (recognition distance: 5 m / 16 ft).



Hi-MATE (Remote Management System) (Option)

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.

Improved Cab Suspension Mount

A newly designed, low-vibration cab mount with viscous material and a coil spring reduces noise inside the cab and improves durability, providing a comfortable operating space and lessening the operator's fatigue.


SPECIFICATIONS

ENGINE			
Maker / Model		Cummins QSL9	
Type		4-cycle turbocharged, charge air cooled diesel engine	
Rated flywheel horse power	SAE	J1995 (gross)	300 HP (224 kW) at 2,200 rpm
		J1349 (net)	287 HP (214 kW) at 2,200 rpm
	DIN	6271/1 (gross)	304 PS (224 kW) at 2,200 rpm
		6271/1 (net)	291 PS (241 kW) at 2,200 rpm
Max. torque		1424 N.m (1050 lbf · ft) at 1500 rpm	
Bore X stroke		114×145 mm (4.49"×5.69")	
Piston displacement		8900 cc (543 cu in)	
Batteries		2×12 V×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		2×277.20/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: Ø150×1,480 ST		
	Arm: Ø160×1,685 ST		
	Bucket: Ø140×1,285 ST		
* Hyundai Bio Hydraulic Oil (HBHO) available			
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)		5.9 km/hr (3.67 mph) / 3.4 km/hr (2.11 mph)	
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 reduction gear			
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 6,250mm (20' 6") boom, 3,050mm (10' 0") arm, SAE heaped 1.44m³ (1.88 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/cm² (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)
Double grouser	700 (28")	HX330 L	37,480 (82,630)	0.61 (8.67)
AIR CONDITIONING SYSTEM				
The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1430)				
The system hold 0.75kg refrigerant consisting of a CO2 equivalent 1.07kg metric tonne. For more information, Please refer to the manual.				

BUCKET SELECTION GUIDE & DIGGING FORCE


BUCKETS




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)

SAE heaped
m³ (yd³)

Capacity m ³ (yd ³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)					
SAE heaped	CECE heaped	Without side cutters	With side cutters		6,150 (20' 2") Boom	6,450 (21' 2") Boom				
					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

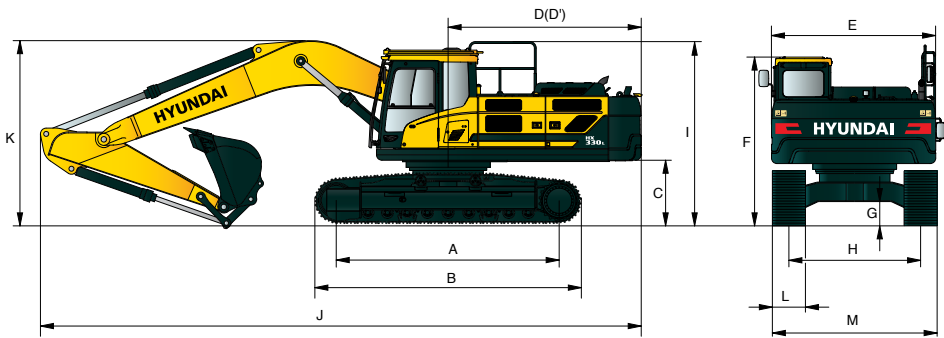
○ : Applicable for materials with density of 1,100 kg /m³ (1,850 lb/ yd³) or less

ATTACHMENT								
Booms and arms are welded with a low-stress, full-box section design. 6.45 m, 6.15 m Booms and 2.2 m, 2.5 m, 3.2 m, 4.05 m Arms are available.								
DIGGING FORCE								
Boom	Length	mm (ft.in)	6,150 (20' 2")	6,450 (21' 2")				Remark
	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

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

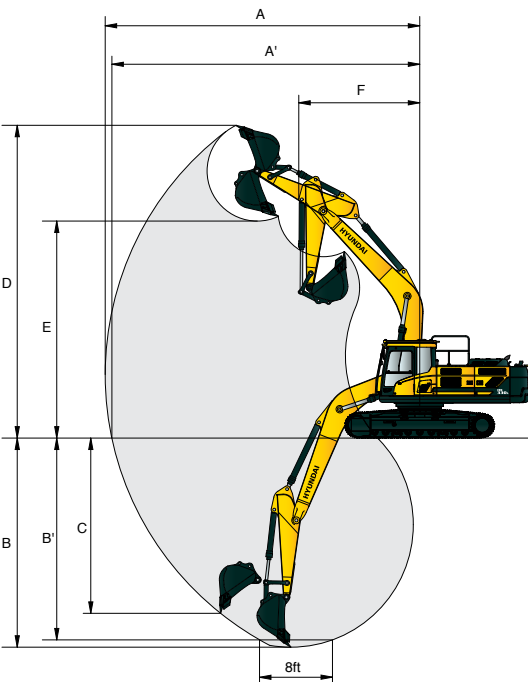


Unit : mm (ft · in)

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	HX330L 3,280 (10' 9")	3,380 (11' 1")	3,480 (11' 5")	3,580 (11' 5")	
	HX330NL 2,990 (9' 10")				

HX330 L / HX330 NL WORKING RANGE

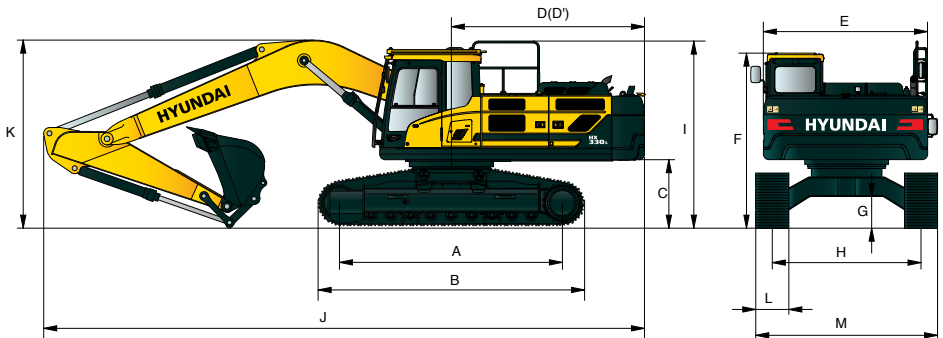


Unit : mm (ft · in)

Boom length	6.15 (20' 2")	6.45 (21' 2")			
Arm length	2.2 (7' 3")	2.2 (7' 3")	2.5 (8' 2")	3.2 (10' 6")	4.05 (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. swing radius	4,520 (14' 10")	4,700 (15' 5")	4,550 (14' 11")	4,460 (14' 8")	4,470 (14' 8")

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

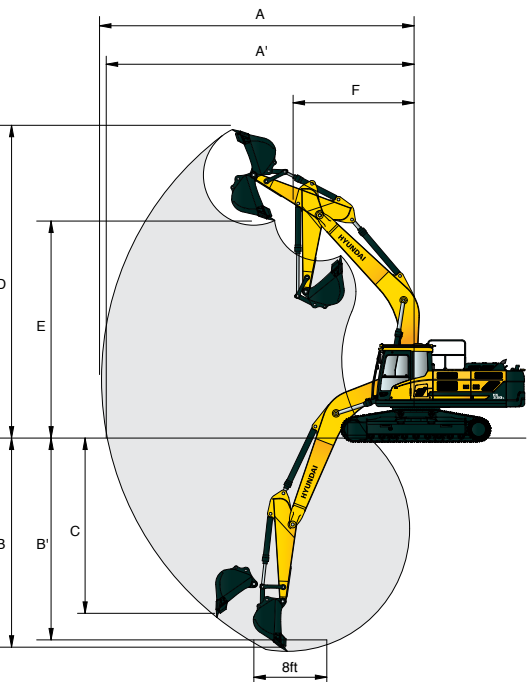


Unit : mm (ft · in)

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")
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	6.45 (21' 2")			
Arm length	2.2 (7' 3")	2.5 (8' 2")	3.2 (10' 6")	4.05 (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. swing radius	4,700 (15' 5")	4,550 (14' 11")	4,460 (14' 8")	4,470 (14' 8")

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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.

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












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LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degree









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 shoe.

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 shoe.













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)		m (ft)
										
7.5 m (25 ft)	kg lb									8.07 (26.5)
6.0 m (20 ft)	kg lb									8.95 (29.4)
4.5 m (15 ft)	kg lb									9.47 (31.1)
3.0 m (10 ft)	kg lb									9.70 (31.8)
1.5 m (5 ft)	kg lb									9.66 (31.7)
Ground Line	kg lb									9.34 (30.6)
-1.5 m (-5 ft)	kg lb	*14500 *31970	*14500 *31970	*17770 *39180	9500 20940	12010 26480	6070 13380	8400 18520	4330 9550	8.72 (28.6)
-3.0 m (-10 ft)	kg lb	*22000 *48500	19730 43500	*16270 *35870	9690 21360	12130 26740	6170 13600			7.70 (25.3)
-4.5 m (-15 ft)	kg lb	*17710 *39040	*17710 *39040	*13290 *29300	10090 22240					

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






 Rating over-front  Rating over-side or 360 degree

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 shoe.

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

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)		m (ft)
										
7.5 m (25 ft)	kg lb							*5160 *11380	*5160 *11380	9.06 (29.7)
6.0 m (20 ft)	kg lb							*6410 *14130	5340 11770	9.84 (32.3)
4.5 m (15 ft)	kg lb							*8000 *17640	7520 16580	10.31 (33.8)
3.0 m (10 ft)	kg lb					*13300 *29320	10840 23900	*9720 *21430	6930 15280	10.52 (34.5)
1.5 m (5 ft)	kg lb					*16290 *35910	9820 21650	*11360 *25040	6400 14110	10.48 (34.4)
Ground Line	kg lb			*10320 *22750	*10320 *22750	*17800 *39240	9320 20550	11990 26430	6030 13290	10.19 (33.4)
-1.5 m (-5 ft)	kg lb	*11460 *25260	*11460 *25260	*14560 *32100	*14560 *32100	*18040 *39770	9180 20240	11790 25990	5860 12920	9.63 (31.6)
-3.0 m (-10 ft)	kg lb	*15430 *34020	*15430 *34020	*19550 *43100	18810 41470	*17260 *38050	9260 20410	11790 25990	5860 12920	8.74 (28.7)
-4.5 m (-15 ft)	kg lb			*21700 *47840	19340 42640	*15310 *33750	9520 20990	*11330 *24980	6040 13320	7.37 (24.2)
-6.0 m (-20 ft)	kg lb					*11240 *24780	10070 22200			













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LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degree

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 shoe.

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									

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