

ENGINE	STD	OPT
Cummins QSL 9 engine	●	
<b>HYDRAULIC SYSTEM</b>		
<b>Intelligent Power Control (IPC)</b>		
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	●	
<b>CAB &amp; INTERIOR</b>		
<b>ISO Standard cabin</b>		
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	●	
<b>Automatic climate control</b>		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
<b>Centralized monitoring</b>		
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		●
<b>Seat</b>		
Adjustable air suspension seat with heater		●
<b>Cabin FOPS/FOG (ISO 10262) Level 2</b>		
FOPS (Falling Object Protective Structure) · ISO 10262 Level 2		●
<b>Cabin ROPS (ISO 12117-2)</b>		
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	●	
<b>OTHER</b>		
<b>Booms</b>		
6.15m, 20' 2"		●
6.45m, 21' 2"	●	
<b>Arms</b>		
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		●
<b>UNDERCARRIAGE</b>		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
<b>Track shoes</b>		
Triple grousers shoes (600mm, 24")	●	
Triple grousers shoe (700mm, 28")		●
Triple grousers shoe (800mm, 32")		●
Triple grousers shoe (900mm, 36")		●
Double grousers 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.

**HYUNDAI CONSTRUCTION EQUIPMENT**

PLEASE CONTACT

www.hyundai-ce.com

2018. 11 Rev.5

MOVING YOU FURTHER

**HX330 L**

With Tier4 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

**HYUNDAI**  
CONSTRUCTION EQUIPMENT





## 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.

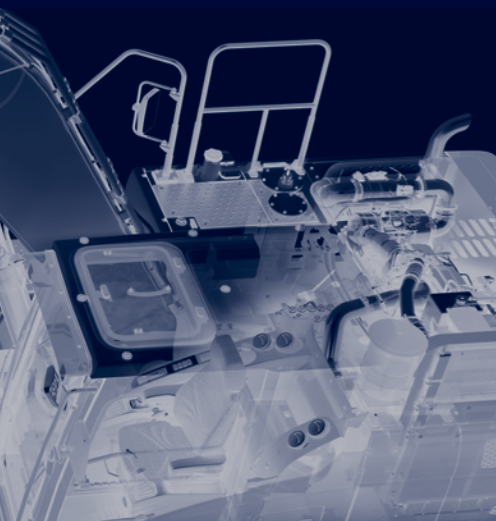


Photo may include optional equipment.



# RULE THE GROUND

# HX330L

The HX series exceeds customer's 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 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



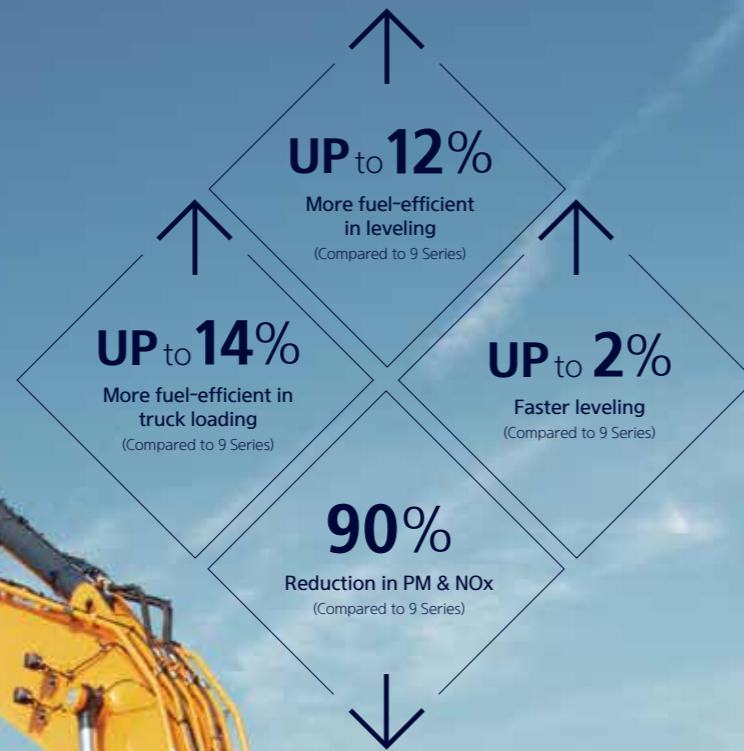
\*Photo may include optional equipment.



# 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.



\*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.



### 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.

### 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.



### 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.



### 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 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.



### 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.



\*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 (Option)

- 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.



\* 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).



### 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 overflow. 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) (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)	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 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	
<b>MAIN PUMP</b>	
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 <sup>2</sup> (4,980 psi)
Travel	350 kgf/cm <sup>2</sup> (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm <sup>2</sup> (5,400 psi)
Swing circuit	300 kgf/cm <sup>2</sup> (4,270 psi)
Pilot circuit	40 kgf/cm <sup>2</sup> (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

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

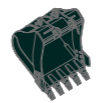
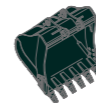
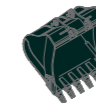

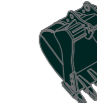
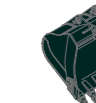

**OPERATING WEIGHT (APPROXIMATE)**  
Operating weight, including 6,250mm (20' 6") boom, 3,050mm (10' 0") arm, SAE heaped 1.44m<sup>3</sup> (1.88 yd<sup>3</sup>) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

OPERATING WEIGHT				
Shoes	Operating weight		Ground pressure	
Type	Width mm (in)	kg (lb)	kgf/cm <sup>2</sup> (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)
		HX330 L	34,450 (75,950)	0.50 (7.11)
800 (32")	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 CO<sub>2</sub> equivalent 1.07kg metric tonne. For more information, Please refer to the manual.

# BUCKET SELECTION GUIDE & DIGGING FORCE

## BUCKETS

						
SAE heaped m <sup>3</sup> (yd <sup>3</sup> )	1.44 (1.88)	1.74 (2.28)	2.10 (2.75)	◆1.44 (1.88)	◆1.60 (2.09)	◆1.83 (2.39)

Capacity m <sup>3</sup> (yd <sup>3</sup> )	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 /m<sup>3</sup> (3,370 lb/ yd<sup>3</sup>) or less

○ : Applicable for materials with density of 1,600 kg /m<sup>3</sup> (2,700 lb/ yd<sup>3</sup>) or less

○ : Applicable for materials with density of 1,100 kg /m<sup>3</sup> (1,850 lb/ yd<sup>3</sup>) 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								Remark									
Boom	Length	mm (ft.in)	6,150 (20' 2")		6,450 (21' 2")												
			Weight	kg (lb)	2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")								
Arm	Length	mm (ft.in)	kg (lb)	1,560 (3,440)	1,560 (3,440)	1,650 (3,640)	1,770 (3,900)	1,870 (4,120)									
										Weight	kg (lb)	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	
Bucket digging force	SAE	kN	19300 [20950]	19300 [20950]	19300 [20950]	19300 [20950]	19300 [20950]	19300 [20950]									
										ISO	kgf	42550 [46200]	42550 [46200]	42550 [46200]	42550 [46200]	42550 [46200]	42550 [46200]
	kgf	21600 [23450]	21600 [23450]	21600 [23450]	21600 [23450]	21600 [23450]											
							lbf	47620 [51700]	47620 [51700]	47620 [51700]	47620 [51700]	47620 [51700]					
													SAE	kN	196.6 [213.4]	196.6 [213.4]	178.9 [194.2]
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]
kgf	20700 [22450]	20700 [22450]	18900 [20500]	15000 [16290]	12515 [13590]												
						lbf	45600 [49510]	45600 [49510]	41620 [45190]	33070 [35900]	27590 [29950]						

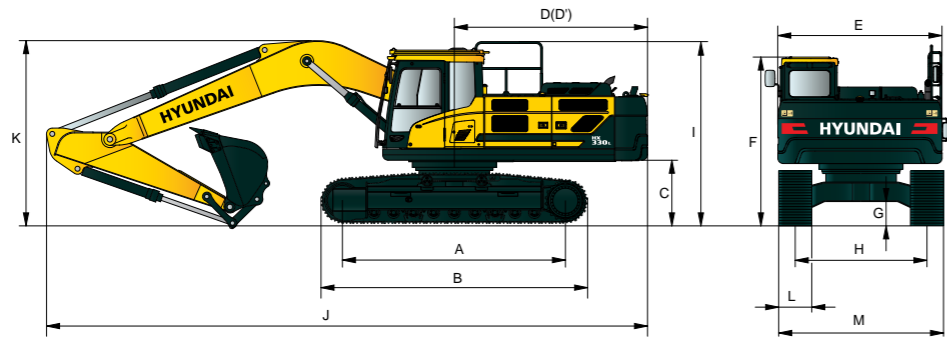
Note : Boom weight includes arm cylinder, piping, and pin  
Arm weight includes bucket cylinder, linkage, and pin



# 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

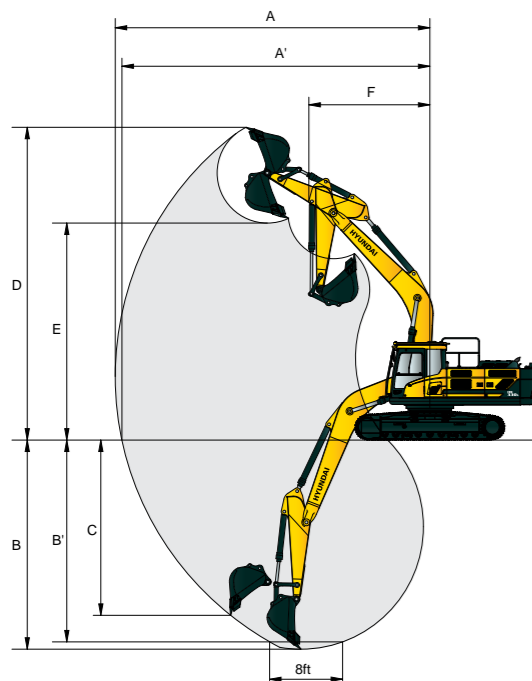


Unit : mm (ft - in)

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")	2,500 (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

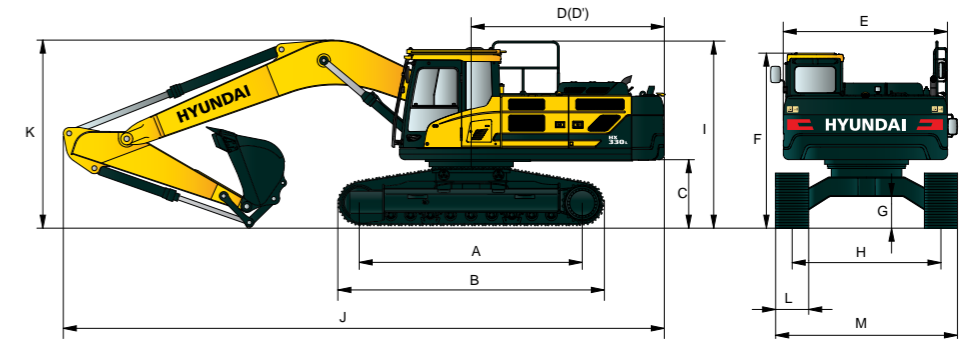


Unit : mm (ft - in)

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

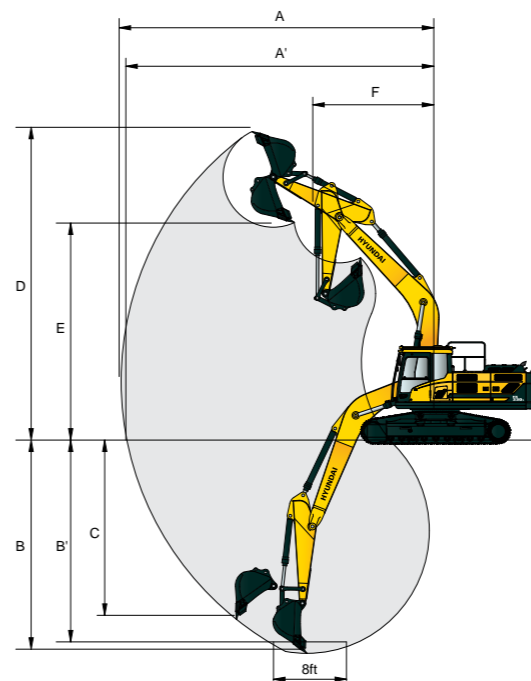


Unit : mm (ft - in)

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")













# LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

## HX330 L

6.15 m (20' 2") boom, 2.2 m (7' 3") arm equipped with 1.44 m<sup>3</sup> (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)		Capacity	Reach	
											m (ft)
7.5 m (25 ft)	kg								*7380	6080	7.69
	lb								*16270	13400	(25.2)
6.0 m (20 ft)	kg				*8280	*8280	*7970	6200	*7440	4850	8.61
	lb				*18250	*18250	*17570	13670	*16400	10690	(28.2)
4.5 m (15 ft)	kg		*11980	*11980	*9530	8850	*8390	6060	6600	4230	9.16
	lb		*26410	*26410	*21010	19510	*18500	13360	14550	9330	(30.1)
3.0 m (10 ft)	kg		*15470	13010	*11120	8350	9080	5830	6220	3950	9.39
	lb		*34110	28680	*24520	18410	20020	12850	13710	8710	(30.8)
1.5 m (5 ft)	kg		*17910	12210	*12530	7920	8840	5600	6190	3910	9.35
	lb		*39480	26920	*27620	17460	19490	12350	13650	8620	(30.7)
Ground Line	kg		*18640	11930	12410	7660	8670	5450	6530	4120	9.02
	lb		*41090	26300	27360	16890	19110	12020	14400	9080	(29.6)
-1.5 m (-5 ft)	kg	*16990	*16990	*18160	11930	12320	7580	8630	5420	4690	8.37
	lb	*37460	*37460	*40040	26300	27160	16710	19030	11950	10340	(27.5)
-3.0 m (-10 ft)	kg	*22830	*22830	*16550	12120	*12300	7690		*8260	5970	7.29
	lb	*50330	*50330	*36490	26720	*27120	16950		*18210	13160	(23.9)
-4.5 m (-15 ft)	kg	*17800	*17800	*13080	12560						
	lb	*39240	*39240	*28840	27690						

6.45 m (21' 2") boom, 2.2 m (7' 3") arm equipped with 1.44 m<sup>3</sup> (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)		Capacity	Reach	
											m (ft)
7.5 m (25 ft)	kg								*7020	5490	8.07
	lb								*15480	12100	(26.5)
6.0 m (20 ft)	kg				*8120	*8120	*7600	6140	6900	4430	8.95
	lb				*17900	*17900	*16760	13540	15210	9770	(29.4)
4.5 m (15 ft)	kg		*12260	*12260	*9450	8660	*8150	5950	6140	3890	9.47
	lb		*27030	*27030	*20830	19090	*17970	13120	13540	8580	(31.1)
3.0 m (10 ft)	kg		*11050	8120	*11050	8120	8930	5690	5790	3630	9.70
	lb		*24360	17900	*24360	17900	19690	12540	12760	8000	(31.8)
1.5 m (5 ft)	kg		*12410	7680	*12410	7680	8670	5450	5770	3600	9.66
	lb		*27360	16930	*27360	16930	19110	12020	12720	7940	(31.7)
Ground Line	kg		*18350	11600	12150	7430	8500	5290	6060	3780	9.34
	lb		*40450	25570	26790	16380	18740	11660	13360	8330	(30.6)
-1.5 m (-5 ft)	kg	*14500	*14500	*17770	11640	12080	7370	8460	5250	4280	8.72
	lb	*31970	*31970	*39180	25660	26630	16250	18650	11570	9440	(28.6)
-3.0 m (-10 ft)	kg	*22000	*22000	*16270	11850	12210	7480		*7830	5360	7.70
	lb	*48500	*48500	*35870	26120	26920	16490		*17260	11820	(25.3)
-4.5 m (-15 ft)	kg	*17710	*17710	*13290	12270						
	lb	*39040	*39040	*29300	27050						

- Lifting capacity are based on SAE J1097 and ISO 10567.
- 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.
- The load point is a hook located on the back of the bucket.
- (\*) indicates load limited by hydraulic capacity.











 Rating over-front  Rating over-side or 360 degree

## HX330 L

6.45 m (21' 2") boom, 2.5 m (8' 2") arm equipped with 1.44 m<sup>3</sup> (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)		Capacity	Reach		
											m (ft)	
7.5 m (24.5 ft)	kg								*6610	5190	8.34	
	lb								*14570	11440	(27.4)	
6.0 m (19.6 ft)	kg						*7220	6170	6590	4220	9.19	
	lb						*15920	13600	14530	9300	(30.2)	
4.5 m (14.7 ft)	kg		*11490	*11490	*9010	8710	*7820	5960	5880	3710	9.70	
	lb		*25330	*25330	*19860	19200	*17240	13140	12960	8180	(31.8)	
3.0 m (9.8 ft)	kg		*15000	12650	*10650	8130	*8660	5670	5560	3460	9.92	
	lb		*33070	27890	*23480	17920	*19090	12500	12260	7630	(32.5)	
1.5 m (4.9 ft)	kg		*17450	11780	*12090	7650	8640	5410	6410	3990	9.88	
	lb		*38470	25970	*26650	16870	19050	11930	14130	8800	(32.4)	
Ground Line	kg		*18220	11490	12090	7360	8440	5230	5780	3580	9.57	
	lb		*40170	25330	26650	16230	18610	11530	12740	7890	(31.4)	
-1.5 m (-4.9 ft)	kg	*15100	*15100	*17870	11480	11980	7270	8370	5170	4020	8.97	
	lb	*33290	*33290	*39400	25310	26410	16030	18450	11400	8860	(29.4)	
-3.0 m (-9.8 ft)	kg	*22890	*22890	*16580	11660	12070	7350			*7820	4960	7.98
	lb	*50460	*50460	*36550	25710	26610	16200			*17240	10930	(26.2)
-4.5 m (-14.7 ft)	kg	*18960	*18960	*13950	12050	*10230	7640			*7180	*7180	6.42
	lb	*41800	*41800	*30600	26570	*22550	16840			*15830	*15830	(21.1)

6.45 m (21' 2") boom, 3.2 m (10' 6") arm equipped with 1.44 m<sup>3</sup> (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)		Capacity	Reach		
											m (ft)	
7.5 m (25 ft)	kg								*5160	*5160	9.06	
	lb								*11380	*11380	(29.7)	
6.0 m (20 ft)	kg								*6410	6300	9.84	
	lb								*14130	13890	(32.3)	
4.5 m (15 ft)	kg					*8000	*8000	*7090	6040	*5360	4290	10.31
	lb					*17640	*17640	*15630	13320	*11820	9460	(33.8)
3.0 m (10 ft)	kg					*13300	13080	*9720	8270	*8020	5730	10.52
	lb					*29320	28840	*21430	18230	*17680	12630	(34.5)
1.5 m (5 ft)	kg					*16290	11990	*11360	7720	8650	5420	10.48
	lb					*35910	26430	*25040	17020	19070	11950	(34.4)
Ground Line	kg			*10320	*10320	*17800	11460	12070	7340	8400	5190	10.19
	lb			*22750	*22750	*39240	25260	26610	16180	18520	11440	(33.4)
-1.5 m (-5 ft)	kg	*11460	*11460	*14560	*14560	*18040	11320	11870	7160	8260	5060	9.63
	lb	*25260	*25260	*32100	*32100	*39770	24960	26170	15790	18210	11160	(31.6)
-3.0 m (-10 ft)	kg	*15430	*15430	*19550	*19550	*17260	11400	11870	7160	8270	5070	8.74
	lb	*34020	*34020	*43100	*43100	*38050	25130	26170	15790	18230	11180	(28.7)
-4.5 m (-15 ft)	kg			*21700	*21700	*15310	11680	*11330	7350			7.37
	lb			*47840	*47840	*33750	25750	*24980	16200			(24.2)
-6.0 m (-20 ft)	kg					*11240	*11240					
	lb					*24780	*24780					

- Lifting capacity are based on SAE J1097 and ISO 10567.
- 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.
- The load point is a hook located on the back of the bucket.
- (\*) indicates load limited by hydraulic capacity.



















# 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 m<sup>3</sup> (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										*6620	5780	8.53
	lb										*14590	12740	(28.0)
6.0 m (19.6 ft)	kg						*7300	7120			*6720	4830	9.31
	lb						*16090	15700			*14820	10650	(30.5)
4.5 m (14.7 ft)	kg		*12140	*12140	*9300	*9300	*7960	6880			6410	4330	9.76
	lb		*26760	*26760	*20500	*20500	*17550	15170			14130	9550	(32.0)
3.0 m (9.8 ft)	kg		*15590	14610	*10950	9380	*8820	6590			6130	4100	9.93
	lb		*34370	32210	*24140	20680	*19440	14530			13510	9040	(32.6)
1.5 m (4.9 ft)	kg		*17710	13840	*12300	8920	9460	6340	7200	4840	6150	4100	9.84
	lb		*39040	30510	*27120	19670	20860	13980	15870	10670	13560	9040	(32.3)
Ground Line	kg		*18220	13610	*13030	8670	9290	6180			6510	4340	9.48
	lb		*40170	30000	*28730	19110	20480	13620			14350	9570	(31.1)
-1.5 m (-4.9 ft)	kg	*16440	*16440	*17710	13640	*13030	8600	9240	6130		7340	4920	8.82
	lb	*36240	*36240	*39040	30070	*28730	18960	20370	13510		16180	10850	(28.9)
-3.0 m (-9.8 ft)	kg	*22420	*22420	*16220	13860	*12130	8720				*7780	6170	7.75
	lb	*49430	*49430	*35760	30560	*26740	19220				*17150	13600	(25.4)
-4.5 m (-14.7 ft)	kg	*17900	*17900	*13210	*13210								
	lb	*39460	*39460	*29120	*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.