

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	●	
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		
FOPS (Falling Object Protective Structures) · ISO 3449 Level 2		●
FOG (Falling Object Guard) · Front & Top Guard		●
ISO/DIS 10262 Level 2 · Top Guard		●
Cabin ROPS		
ROPS (Roll Over Protective Structures) · ISO 12117-2	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera		●
AAMM (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 mirror	●	
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)	Mobile	●
	Satellite	●
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 grousers shoes (600mm, 24")	●	
Triple grousers shoe (700 mm, 28")		●
Triple grousers shoe (800 mm, 32")		●
Triple grousers shoe (900 mm, 36")		●
Double grousers shoe (700 mm, 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 HEAVY INDUSTRIES

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PLEASE CONTACT

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2015. 2 Rev.0

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

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



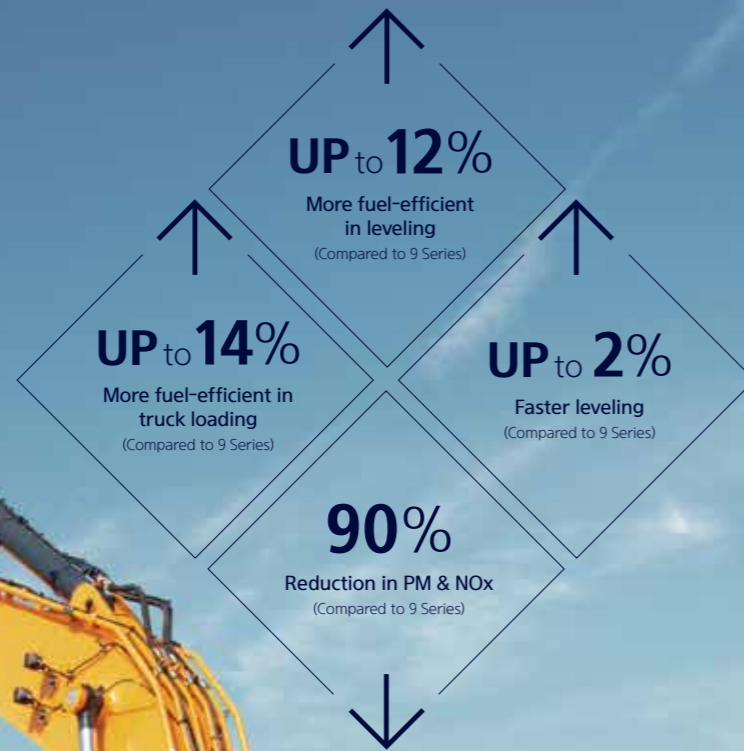
MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- 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.

WORK MAX, WORTH MAX



*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.

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 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.



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 Straight Travel (Option)

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

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.

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.



Chrome Coated Pins

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.



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 15% 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, heater interoperation, wiper, lamp, overload warning, travel, alarm 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 operate 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)

Proportional Auxiliary Hydraulic System

- Opt: 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

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 and rear and to the right and left.



*AVM (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) (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.

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
	SAE J1349 (net)	270 HP (202 kW) at 1,800 rpm
	DIN 6271/1 (gross)	288 PS (212 kW) at 1,800 rpm
	DIN 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	
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

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 1.27m ³ (1.66 yd ³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.			

OPERATING WEIGHT				
Shoes	Operating weight		Ground pressure	
Type	Width mm (in)	kg (lb)	kgf/cm ² (psi)	
Triple grouser	600 (24")	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)

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) ◆1.60 (2.09) ◆1.73 (2.26)	◆1.83 (2.39)

Capacity m ³ (yd ³)	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. 6.45 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)	2,950 (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)
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]
			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]

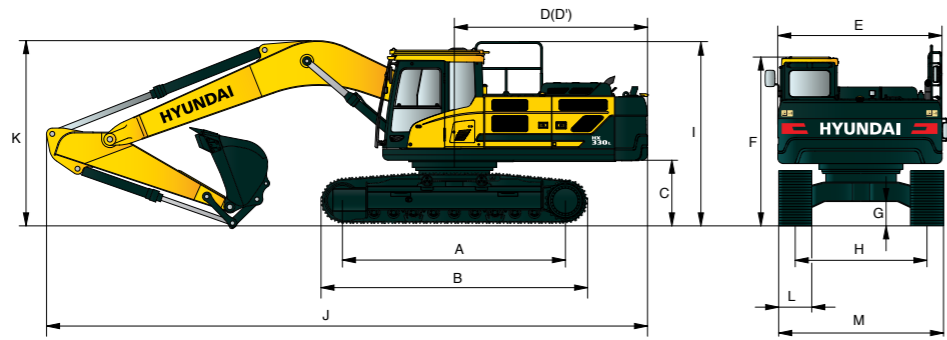
Note : Boom weight includes arm cylinder, piping, and pin

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

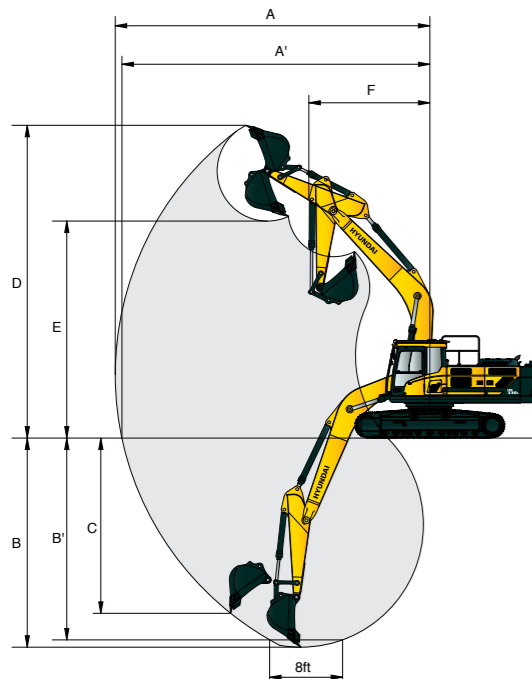


Unit : mm (ft - in)

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

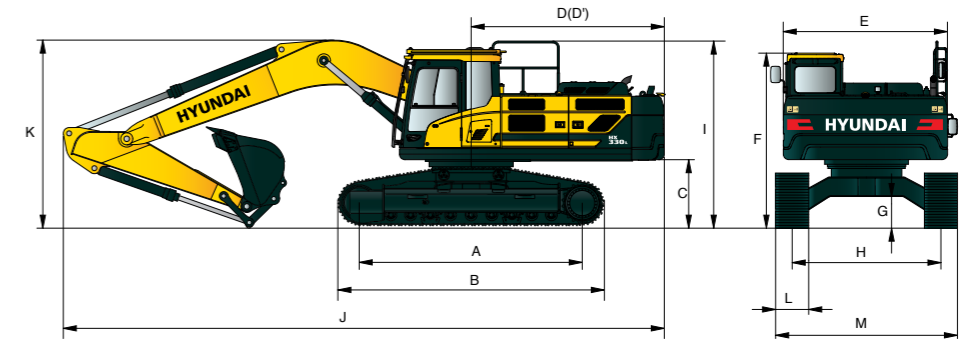


Unit : mm (ft - in)

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

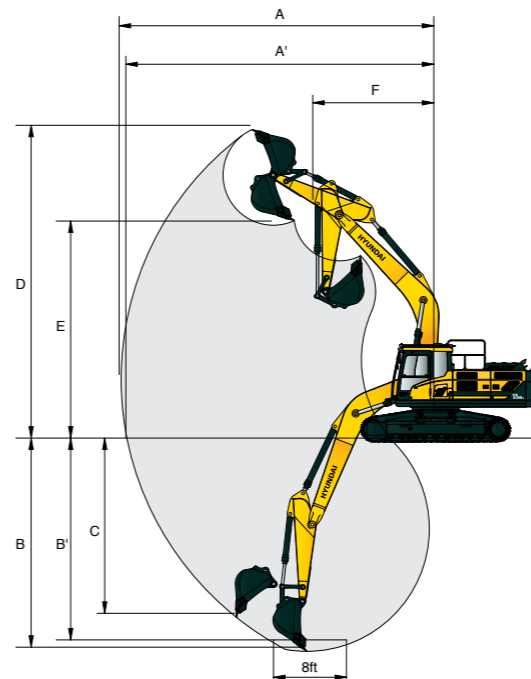


Unit : mm (ft - in)

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")

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										*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.