

MOVING YOU FURTHER

HX380 L

With Tier 4 final / Stage IV Engine installed



*Photo may include optional equipment.

Net Power

SAE J1349 / 300 HP (224 kW) at 1,650 rpm

Gross Power

SAE J1995 / 316 HP (236 kW) at 1,650 rpm

Travel Speed

5.0 km/hr (3.10 mph) / 3.1 km/hr (1.92 mph)

Operating Weight

38,920 kg / 85,800 lb





RULE THE GROUND

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





HYUNDAI

**Photo may include optional equipment.*

RULE THE GROUND

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



WORK MAX, WORTH MAX

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



MORE RELIABLE, MORE SUSTAINABLE

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



INFOTAINMENT FRONTIER

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



HX380L

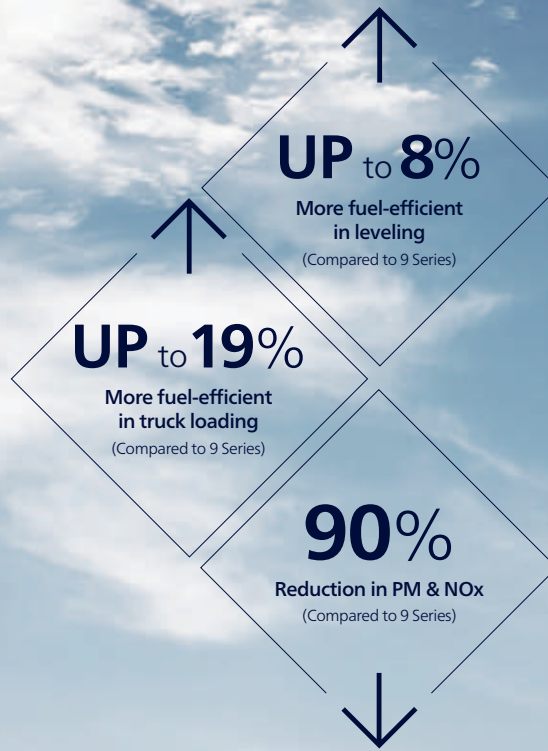


MODERN COMFORT, SIMPLE AND SAFE SOLUTION

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



*Photo may include optional equipment.



*Photo may include optional equipment.

Boom Floating Control (Option)

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

WORK MAX, WORTH MAX

Fuel Efficient System, Allows Great Performance

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



ECO Gauge

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



IPC (Intelligent Power Control)

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

New Variable Power Control

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

* P (power) mode: Maximizes speed and power of the equipment for heavy load work.

* S (standard) mode: Optimizes performance and fuel efficiency of the equipment for general load work.

* E (economy) mode: Improves the control system for light load work.

Electronic Viscous Fan Clutch (Option)

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



Attachment Flow Control (Option)

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



New Cooling System with Increased Air Flow

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

Enlarged Air Inlet with Grill Cover

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

One Pedal Travel Straight (Option)

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

MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

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



Durable Cooling Module

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



Reinforced Pin, Bush and Polymer Shim

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

Wear Resistant Cover Plate

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



Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HX Series have higher durability than demanded on the site, as proven through numerous tests including road tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material. Durability of Arm and Boom have been reinforced by 1.5 times, compared to the previous generation 9-series.



*Photo may include optional equipment.

Hi-grade (High-pressure) Hoses

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



*Photo may include optional equipment.

New Air Conditioning System

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

INFOTAINMENT FRONTIER

Enhanced Instrument Panel for Easier Monitoring

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



Intelligent and Wide Cluster

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



Haptic Control

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

Wi-Fi Direct with Smart Phone (Miracast)

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



Operating Simulation for Joy & Achievement

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

Proportional Auxiliary Hydraulic System

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



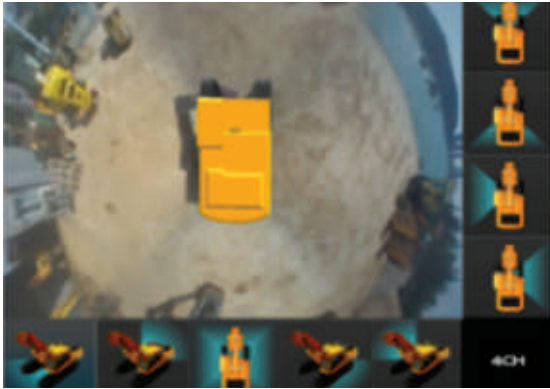
New Audio System

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

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

New Cabin for More Comfort

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



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

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



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

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



Easy Access to DEF/AdBlue® Supply System

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



Hi-mate (Remote Management System)

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

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



*Photo may include optional equipment.

Cab Suspension Mount

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

SPECIFICATIONS

ENGINE			
Maker / Model		Cummins QSL9	
Type		4-cycle turbocharged, charge air cooled diesel engine	
Rated flywheel horse power	SAE	J1995 (gross)	316 HP (236 kW) at 1,650 rpm
		J1349 (net)	300 HP (224 kW) at 1,650 rpm
	DIN	6271/1 (gross)	320 PS (236 kW) at 1,650 rpm
		6271/1 (net)	304 PS (224 kW) at 1,650 rpm
Max. torque		145.3 kgf-m (1.050 lbf-ft) at 1,500 rpm	
Bore x stroke		114 x 145 mm (4.49" x 5.69")	
Piston displacement		8,900 cc (543 cu in)	
Batteries		2 x 12 V x 160 Ah	
Starting motor		Denso 24 V - 7.8 kW	
Alternator		Denso 24 V - 95 A	

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement piston pumps
Max. flow	2 x 288.8 l/min (76.3 U.S. gpm / 63.5 U.K. gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

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

RELIEF VALVE SETTING	
Implement circuits	330 kgf/cm ² (4,690 psi)
Travel	360 kgf/cm ² (5,120 psi)
Power boost (boom, arm, bucket)	360 kgf/cm ² (5,120 psi)
Swing circuit	290 kgf/cm ² (4,120 psi)
Pilot circuit	40 kgf/cm ² (569 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore x stroke	Boom: Ø 160 x 1,500 mm
	Arm: Ø 170 x 1,760 mm
	Bucket: Ø 150 x 1,295 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	30,500 kgf (67,240 lbf)
Max. travel speed (high / low)	5.0 km/hr (3.1 mph) / 3.1 km/hr (1.92 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 gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	9.5 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	550	145	120
Engine coolant	55	14.5	12.1
Engine oil	30	7.9	6.6
Swing device	8	2.1	1.8
Final drive (each)	5.5	1.5	1.2
Hydraulic system (including tank)	414	109	90
Hydraulic tank	210	55	45
DEF/AdBlue®	42.5	11.2	9.3

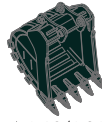
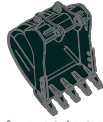
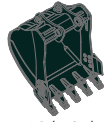
UNDERCARRIAGE	
The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets and a track chain with double or triple grouser shoes.	
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	51 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 6,500 mm (21' 4") boom; 3,200 mm (10' 6") arm; SAE heaped 1.62 m ³ (2.12 yd ³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

OPERATING WEIGHT					
Shoes	Type	Width mm (in)	Operating weight		Ground pressure kgf / cm ² (psi)
			kg (lb)		
Triple grouser	600 (24")	HX380 L	38,920 (85,800)	0.70 (9.95)	
		HX380 NL	38,820 (85,580)	0.70 (9.95)	
	700 (28")	HX380 L	39,370 (86,800)	0.61 (8.67)	
	750 (30")	HX380 L	39,595 (87,290)	0.57 (8.11)	
	800 (32")	HX380 L	39,820 (87,790)	0.54 (7.68)	
Double grouser	900 (36")	HX380 L	40,270 (88,780)	0.48 (6.83)	
	600 (24")	HX380 L	39,165 (86,340)	0.70 (9.95)	
	700 (28")	HX380 L	29,665 (87,450)	0.61 (8.67)	
Heavy duty grouser	600 (24")	HX380 HD	39,280 (86,600)	0.71 (10.10)	
	700 (28")	HX380 HD	39,775 (87,690)	0.61 (8.67)	

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS



SAE heaped m ³ (yd ³)	1.46 (1.91) 1.62 (2.12) 1.90 (2.49) 2.10 (2.75) 2.32 (3.03)	◆ 1.46 (1.91) ◆ 1.62 (2.12) ◆ 1.90 (2.49) ◆ 2.10 (2.75)	◆ 1.46 (1.91) ◆ 1.62 (2.12) ◆ 1.90 (2.49)
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Capacity m ³ (yd ³)		Width mm (in)	Weight kg (lb)	Recommendation mm (ft.in)			
				6,150 (20' 2") Boom	6,500 (21' 4") Boom		
SAE heaped	CECE heaped			2,500 (8' 2") Arm	2,500 (8' 2") Arm	3,200 (10' 6") Arm	3,900 (12' 10") Arm
1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,400 (3,090)	●	●	●	⊙
1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,500 (3,310)	●	●	●	⊙
1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,610 (2,450)	⊙	⊙	○	○
2.10 (2.75)	1.84 (2.41)	1,800 (71")	1,690 (3,730)	⊙	○	○	○
2.32 (3.03)	2.02 (2.64)	1,950 (77")	1,800 (3,970)	○	○	○	-
◆ 1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,560 (3,440)	●	●	●	⊙
◆ 1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,660 (3,660)	●	●	⊙	○
◆ 1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,790 (3,950)	⊙	⊙	○	○
◆ 2.10 (2.75)	1.84 (2.41)	1,800 (71")	1,880 (4,140)	⊙	○	○	-
◆ 1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,750 (3,860)	●	●	⊙	⊙
◆ 1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,850 (4,080)	●	●	⊙	○
◆ 1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,990 (4,390)	⊙	○	○	○

- ◆ Heavy duty bucket
- ◆ Rock-Heavy duty bucket

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

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.
6.15 m (20' 2") and 6.5 m (21' 4") Booms and 2.5 m (8' 2"); 3.2 m (10' 6") & 3.9 m (12' 10") Arms are available.

DIGGING FORCE

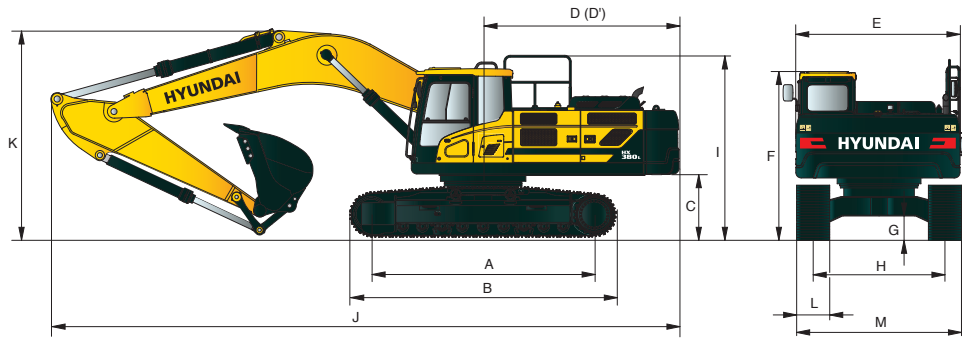
Boom	Length	mm (ft.in)	6,150 (20' 2")	6,500 (21' 4")			Remarks:
	Weight	kg (lb)	3,750 (8,270)	3,850 (8,490)			
Arm	Length	mm (ft.in)	2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")	[]: Power Boost
	Weight	kg (lb)	1,960 (4,320)	1,960 (4,320)	2,120 (4,670)	2,190 (4,830)	
Bucket digging force	SAE	kN	201.0 [219.3]	201.0 [219.3]	201.0 [219.3]	201.0 [219.3]	
		kgf	20,500 [22,360]	20,500 [22,360]	20,500 [22,360]	20,500 [22,360]	
		lbf	45,190 [49,300]	45,190 [49,300]	45,190 [49,300]	45,190 [49,300]	
	ISO	kN	228.5 [249.3]	228.5 [249.3]	228.5 [249.3]	228.5 [249.3]	
		kgf	23,300 [25,420]	23,300 [25,420]	23,300 [25,420]	23,300 [25,420]	
		lbf	51,370 [56,040]	51,370 [56,040]	51,370 [56,040]	51,370 [56,040]	
Arm crowd force	SAE	kN	192.2 [209.7]	192.2 [209.7]	160.8 [175.4]	160.8 [175.4]	
		kgf	19,600 [21,380]	19,600 [21,380]	16,400 [17,890]	16,400 [17,890]	
		lbf	43,210 [47,130]	43,210 [47,130]	36,160 [39,440]	36,160 [39,440]	
	ISO	kN	200.1 [218.2]	200.1 [218.2]	165.7 [180.8]	165.7 [180.8]	
		kgf	20,400 [22,250]	20,400 [22,250]	16,900 [18,440]	16,900 [18,440]	
		lbf	44,970 [49,050]	44,970 [49,050]	37,260 [40,650]	37,260 [40,650]	

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

DIMENSIONS & WORKING RANGE

HX380 L / HX380 NL DIMENSIONS

6.15 m (20' 2") & 6.5 m (21' 4") BOOM and 2.5 m (8' 2"); 3.2 m (10' 6") & 3.9 m (12' 10") ARM

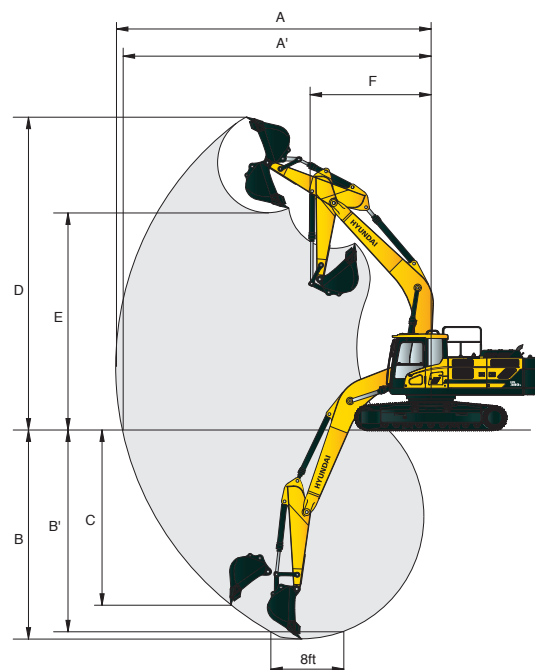


Unit : mm (ft-in)

A	Tumbler distance	4,340 (14' 3")
B	Overall length of crawler	5,280 (17' 4")
C	Ground clearance of counterweight	1,295 (4' 2")
D	Tail swing radius	3,640 (11' 9")
D'	Rear-end length	3,555 (11' 7")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,240 (10' 6")
G	Min. ground clearance	550 (1' 10")
H	Track gauge	HX380 L 2,740 (9' 0")
		HX380 NL 2,390 (7' 10")
I	Overall height of guardrail	3,445 (10' 3")

Boom length		6,150 (20' 2")	6,500 (21' 4")		
	Arm length	2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")
J Overall length		11,100 (36' 5")	11,450 (37' 7")	11,400 (30' 5")	11,400 (37' 5")
	K Overall height of boom	3,830 (12' 7")	3,740 (12' 3")	3,630 (11' 11")	3,740 (12' 3")
L Track shoe width		600 (24")	700 (28")	750 (30")	800 (32")
			900 (36")		
M Overall width	HX380 L	3,340 (10' 11")	3,440 (11' 3")	3,490 (11' 5")	3,540 (11' 7")
	HX380 NL	2,990 (9' 10")			

HX380 L / HX380 NL WORKING RANGE



Unit : mm (ft-in)











Boom length		6,150 (20' 2")	6,500 (21' 4")		
	Arm length	2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")
A Max. digging reach		10,300 (33' 10")	10,650 (34' 11")	11,160 (36' 7")	11,820 (38' 9")
	A' Max. digging reach on ground	10,060 (33' 0")	10,410 (34' 2")	10,930 (35' 10")	11,620 (38' 1")
B Max. digging depth		6,560 (21' 6")	6,820 (22' 5")	7,520 (24' 8")	8,220 (27' 0")
	B' Max. digging depth (8' level)	6,380 (20' 11")	6,640 (21' 5")	7,360 (24' 2")	8,080 (26' 6")
C Max. vertical wall digging depth		4,780 (15' 8")	5,030 (16' 6")	5,480 (18' 0")	6,300 (20' 8")
	D Max. digging height	10,000 (32' 10")	10,330 (33' 11")	10,270 (33' 8")	10,610 (34' 10")
E Max. dumping height		6,870 (22' 6")	7,190 (23' 7")	7,190 (23' 7")	7,500 (24' 7")
	F Min. front swing radius	4,310 (14' 2")	4,490 (14' 9")	4,490 (14' 9")	4,350 (14' 3")

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degrees

HX380 L















6.15 m (20' 2") boom; 2.5 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
												
7.5 m (25 ft)	kg									*7140	6330	7.60
	lb									*15740	13960	(24.9)
6.0 m (20 ft)	kg					*8000	*8000	*7650	6450	*7220	4940	8.51
	lb					*17640	*17640	*16870	14220	*15920	10890	(27.9)
4.5 m (15 ft)	kg			*11730	*11730	*9300	9270	*8160	6220	*7410	4230	9.05
	lb			*25860	*25860	*20500	20440	*17990	13710	*16340	9330	(29.7)
3.0 m (10 ft)	kg			*15260	13520	*10940	8580	*8970	5890	7040	3880	9.29
	lb			*33640	29810	*24120	18920	*19780	12990	15520	8550	(30.5)
1.5 m (5 ft)	kg			*17820	12430	*12410	7990	*9770	5580	6960	3790	9.26
	lb			*39290	27400	*27360	17610	*21540	12300	15340	8360	(30.4)
Ground Line	kg			*18720	12010	*13290	7630	9790	5360	7310	3980	8.95
	lb			*41270	26480	*29300	16820	21580	11820	16120	8770	(29.4)
-1.5 m (-5 ft)	kg	*20170	*20170	*18370	11960	*13390	7510	9720	5300	8250	4520	8.33
	lb	*44470	*44470	*40500	26370	*29520	16560	21430	11680	18190	9960	(27.3)
-3.0 m (-10 ft)	kg	*23770	*23770	*16880	12180	*12440	7620			*8790	5770	7.31
	lb	*52400	*52400	*37210	26850	*27430	16800			*19380	12720	(24.0)
-4.5 m (-15 ft)	kg	*18720	*18720	*13510	12730					*8150	*8150	5.64
	lb	*41270	*41270	*29780	28060					*17970	*17970	(18.5)
-9.0 m (-30 ft)	kg									*5210	*5210	8.69
	lb									*11490	*11490	(28.5)

6.5 m (21' 4") boom; 2.5 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
												
9.0 m (30 ft)	kg									*6870	*6870	6.69
	lb									*15150	*15150	(21.9)
7.5 m (25 ft)	kg									*6750	5630	8.04
	lb									*14880	12410	(26.4)
6.0 m (20 ft)	kg					*7870	*7870	*7290	6420	*6820	4450	8.90
	lb					*17350	*17350	*16070	14150	*15040	9810	(29.2)
4.5 m (15 ft)	kg			*12110	*12110	*9260	9080	*7920	6130	6940	3830	9.41
	lb			*26700	*26700	*20410	20020	*17460	13510	15300	8440	(30.9)
3.0 m (10 ft)	kg			*15660	12950	*10910	8340	*8770	5760	6500	3520	9.64
	lb			*34520	28550	*24050	18390	*19330	12700	14330	7760	(31.6)
1.5 m (5 ft)	kg			*17900	11950	*12310	7740	*9570	5430	6430	3440	9.61
	lb			*39460	26350	*27140	17060	*21100	11970	14180	7580	(31.5)
Ground Line	kg			*18450	11650	*13100	7390	9620	5200	6720	3590	9.32
	lb			*40680	25680	*28880	16290	21210	11460	14820	7910	(30.6)
-1.5 m (-5 ft)	kg	*17120	*17120	*11970	11670	*13160	7290	9530	5130	7520	4050	8.73
	lb	*37740	*37740	*39620	25730	*29010	16070	21010	11310	16580	8930	(28.6)
-3.0 m (-10 ft)	kg	*22880	*22880	*16570	11900	*12350	7390			*8190	5070	7.77
	lb	*50440	*50440	*36530	26230	*27230	16290			*18060	11180	(25.5)
-4.5 m (-15 ft)	kg	*18610	*18610	*13720	12400					*7770	7640	6.25
	lb	*41030	*41030	*30250	27340					*17130	16840	(20.5)

6.5 m (21' 4") boom; 3.2 m (10' 6") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius										At max. reach				
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)
																
9.0 m (30 ft)	kg													*5840	*5840	7.44
	lb													*12870	*12870	(24.4)
7.5 m (25 ft)	kg									*6080	*6080			*5870	4950	8.66
	lb									*13400	*13400			*12940	10910	(28.4)
6.0 m (20 ft)	kg									*6370	*6370			*6010	3980	9.46
	lb									*14040	*14040			*13250	8770	(31.0)
4.5 m (15 ft)	kg									*8110	*8110			*6320	4350	9.94
	lb									*17880	*17880			*13930	9590	(32.6)
3.0 m (10 ft)	kg					*13710	13600	*9860	8550	*8030	5840	*7050	4140	5920	3150	10.16
	lb					*30230	29980	*21740	18850	*17700	12870	*15540	9130	13050	6940	(33.3)
1.5 m (5 ft)	kg					*16620	12240	*11480	7840	*8970	5440	7250	3920	5830	3050	10.13
	lb					*36640	26980	*25310	17280	*19780	11990	15980	8640	12850	6720	(33.2)
Ground Line	kg			*11670	*11670	*18010	11600	*12600	7360	9570	5150	7060	3760	6030	3150	9.85
	lb			*25730	*25730	*39710	25570	*27780	16230	21100	11350	15560	8290	13290	6940	(32.3)
-1.5 m (-5 ft)	kg	*13240	*13240	*16670	*16670	*18180	11420	*13040	7140	9390	4990			6630	3490	9.30
	lb	*29190	*29190	*36750	*36750	*40080	25180	*28750	15740	20700	11000			14620	7690	(30.5)
-3.0 m (-10 ft)	kg	*17860	*17860	*22550	*22550	*17340	11520	*12710	7140	9400	5000			*7870	4240	8.41
	lb	*39370	*39370	*49710	*49710	*38230	25400	*28020	15740	20720	11020			*17350	9350	(27.6)
-4.5 m (-15 ft)	kg			*21770	*21770	*15310	11880	*11270	7370					*8060	5950	7.05
	lb			*47990	*47990	*33750	26190	*24850	16250					*17770	13120	(23.1)
-6.0 m (-20 ft)	kg					*11030	*11030									
	lb					*24320	*24320									















- 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 degrees











HX380 L

6.5 m (21' 4") boom; 3.9 m (12' 10") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.











Load point height m (ft)	Load radius												At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)	
																
9.0 m (30 ft)	kg												*5120	*5120	8.35	
	lb												*11290	*11290	(27.4)	
7.5 m (25 ft)	kg												*5210	4190	9.44	
	lb												*11490	9240	(31.0)	
6.0 m (20 ft)	kg										*4810	4640	*5370	3440	10.17	
	lb										*10600	10230	*11840	7580	(33.4)	
4.5 m (15 ft)	kg							*6290	*6290		*5900	4470	*5580	2990	10.62	
	lb							*13870	*13870		*13010	9850	*12300	6590	(34.8)	
3.0 m (10 ft)	kg		*20290	*20290	*11890	*11890	*8840	*8840	*7320	6010	*6480	4220	5280	2750	10.82	
	lb		*44730	*44730	*26210	*26210	*19490	*19490	*16140	13250	*14290	9300	11640	6060	(35.5)	
1.5 m (5 ft)	kg		*10690	*10690	*15290	12810	*10670	8100	*8390	5570	*7100	3970	5200	2660	10.79	
	lb		*23570	*23570	*33710	28240	*23520	17860	*18500	12280	*15650	8750	11460	5860	(35.4)	
Ground Line	kg		*12110	*12110	*17390	11870	*12080	7510	*92290	5210	7070	3760	5350	2730	10.53	
	lb		*26700	*26700	*38340	26170	*26630	16560	*20480	11490	15590	8290	11790	6020	(34.5)	
-1.5 m (-5 ft)	kg	*11600	*11600	*15390	*15390	*18190	11480	*12860	7180	9390	4980	6930	3630	5790	2980	10.02
	lb	*25570	*25570	*33930	*33930	*40100	25310	*28350	15830	20700	10980	15280	8000	12760	6570	(32.9)
-3.0 m (-10 ft)	kg	*15300	*15300	*19710	*19710	*17910	11430	*12930	7070	9300	4900			6710	3520	9.21
	lb	*33730	*33730	*43450	*43450	*39480	25200	*28510	15590	20500	10800			14790	7760	(30.2)
-4.5 m (-15 ft)	kg	*19590	*19590	*24400	*24400	*16540	11640	*12090	7180	*9050	5010			*7560	4660	8.01
	lb	*43190	*43190	*53790	*53790	*36460	25660	*26650	15830	*19950	11050			*16670	10270	(26.3)
-6.0 m (-20 ft)	kg			*19480	*19480	*13530	12160	*9650	7570					*7550	*7550	6.14
	lb			*42950	*42950	*29830	26810	*21270	16690					*16640	*16640	(20.1)

HX380 NL

6.15 m (20' 2") boom; 2.5 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach			
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
												
7.5 m (25 ft)	kg									*7140	5360	7.60
	lb									*15740	11820	(24.9)
6.0 m (20 ft)	kg					*8000	*8000	*7650	5460	*7220	4120	8.51
	lb					*17640	*17640	*16870	12040	*15920	9080	(27.9)
4.5 m (15 ft)	kg		*11730	*11730		*9300	7860	*8160	5240	*7410	3480	9.05
	lb		*25860	*25860		*20500	17330	*17990	11550	*16340	7670	(29.7)
3.0 m (10 ft)	kg		*15260	11210	*10940	7190	*8970	4920	7020	3160	9.29	
	lb		*33640	24710	*24120	15850	*19780	10850	15480	6970	(30.5)	
1.5 m (5 ft)	kg		*17820	10170	*12410	6620	*9770	4610	6940	3080	9.26	
	lb		*39290	22420	*27360	14590	*21540	10160	15300	6790	(30.4)	
Ground Line	kg		*18720	9780	*13290	6270	9760	4400	7290	3220	8.95	
	lb		*41270	21560	*29300	13820	21520	9700	16070	7100	(29.4)	
-1.5 m (-5 ft)	kg	*20170	20160	*18370	9740	*13390	6160	9690	4340	8230	3690	8.33
	lb	*44470	44450	*40500	21470	*29520	16580	21360	9570	18140	8140	(27.3)
-3.0 m (-10 ft)	kg	*23770	20600	*16880	9950	*12440	6270			*8790	4760	7.31
	lb	*52400	45420	*37210	21940	*27430	13820			*19790	10490	(24.0)
-4.5 m (-15 ft)	kg	*18720	*18720	*13510	10460					*8150	7730	5.64
	lb	*41270	*41270	*29780	23060					*17970	17040	(18.5)
-9.0 m (-30 ft)	kg									*5210	4550	8.69
	lb									*11490	10030	(28.5)

6.5 m (21' 4") boom; 2.5 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.















Load point height m (ft)	Load radius								At max. reach			
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
												
9.0 m (30 ft)	kg									*6870	*6870	6.69
	lb									*15150	*15150	(21.9)
7.5 m (25 ft)	kg									*6750	4730	8.04
	lb									*14880	10430	(26.4)
6.0 m (20 ft)	kg					*7870	*7870	*7290	5420	*6820	3680	8.90
	lb					*17350	*17350	*16070	11950	*15040	8110	(29.2)
4.5 m (15 ft)	kg		*12110	*12110		*9260	7660	*7920	5140	6920	3120	9.41
	lb		*26700	*26700		*20410	16890	*17460	11330	15260	6880	(30.9)
3.0 m (10 ft)	kg		*15660	10670	*10910	6950	*8770	4780	6480	2840	9.64	
	lb		*34520	23520	*24050	15320	*19330	10540	14290	6260	(31.6)	
1.5 m (5 ft)	kg		*17900	9720	*12310	6370	*9570	4460	6410	2760	9.61	
	lb		*39460	21430	*27140	14040	*21100	9830	14130	6080	(31.5)	
Ground Line	kg		*18450	9440	*13100	6040	9590	4240	6700	2880	9.32	
	lb		*40680	20810	*28880	13320	21140	9350	14770	6350	(30.6)	
-1.5 m (-5 ft)	kg	*17120	*17120	*17970	9450	*13160	5940	9500	4170	7490	3280	8.73
	lb	*37740	*37740	*39620	20830	*29010	13100	20940	9190	16510	7230	(28.6)
-3.0 m (-10 ft)	kg	*22880	20250	*16570	9670	*12350	6040			*8190	4160	7.77
	lb	*50440	44640	*36530	21320	*27230	13320			*18060	9170	(25.5)
-4.5 m (-15 ft)	kg	*18610	*18610	*13720	10140					*7770	6350	6.25
	lb	*41030	*41030	*30250	22350					*17130	14000	(20.5)

LIFTING CAPACITY















 Rating over-front  Rating over-side or 360 degrees

HX380 NL

6.5 m (21' 4") boom; 3.2 m (10' 6") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius												At max. reach		
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach	
															m (ft)
9.0 m (30 ft)	kg												*5840	5840	7.44
	lb												*12870	12870	(24.4)
7.5 m (25 ft)	kg								*6080	5760			*5870	4150	8.66
	lb								*13400	12700			*12940	9150	(28.4)
6.0 m (20 ft)	kg								*6370	5600			*6010	3280	9.46
	lb								*14040	12350			*13250	7230	(31.0)
4.5 m (15 ft)	kg						*8110	7930	*7090	5270	*6320	3590	*6220	2780	9.94
	lb						*17880	17480	*15630	11620	*13930	7910	*13710	6130	(32.6)
3.0 m (10 ft)	kg			*13710	11270		*9860	7150	*8030	4860	*7050	3380	5900	2510	10.16
	lb			*30230	24850		*21740	15760	*17700	10710	*15540	7450	13010	5530	(33.3)
1.5 m (5 ft)	kg			*16620	9990	*11480	6470	*8970	4470	7220	3170	5810	2420	10.13	
	lb			*36640	22020	*25310	14260	*19780	9850	15920	6990	12810	5340	(33.2)	
Ground Line	kg		*11670	*11670	*18010	9380	*12600	6010	9540	4180	7040	3010	6010	2490	9.85
	lb		*25730	*25730	*39710	20680	*27780	13250	21030	9220	15520	6640	13250	5490	(32.3)
-1.5 m (-5 ft)	kg	*13240	*13240	*16670	*16670	*18180	9210	*13040	5800	9360	4030		6610	2780	9.30
	lb	*29190	*29190	*36750	*36750	*40080	20300	*28750	12790	20640	8880		14570	6130	(30.5)
-3.0 m (-10 ft)	kg	*17860	*17860	*22550	19430	*17340	9310	*12710	5790	9370	4040		*7870	3420	8.41
	lb	*39370	*39370	*49710	42840	*38230	20530	*28020	12760	20660	8910		*17350	7540	(27.6)
-4.5 m (-15 ft)	kg			*21770	20110	*15310	9650	*11270	6020				*8060	4890	7.05
	lb			*47990	44330	*33750	21270	*24850	13270				*17770	10780	(23.1)
-6.0 m (-20 ft)	kg					*11030	10360								
	lb					*24320	22840								

6.5 m (21' 4") boom; 3.9 m (12' 10") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius												At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity	Reach		
															m (ft)	
9.0 m (30 ft)	kg												*5120	4700	8.35	
	lb												*11290	10360	(27.4)	
7.5 m (25 ft)	kg												*5210	3480	9.44	
	lb												*11490	7670	(31.0)	
6.0 m (20 ft)	kg										*4810	3880	*5370	2800	10.17	
	lb										*10600	8550	*11840	6170	(33.4)	
4.5 m (15 ft)	kg								*6290	5450	*5900	3710	*5580	2390	10.62	
	lb								*13870	12020	*13010	8180	*12300	5270	(34.8)	
3.0 m (10 ft)	kg			*20290	*20290	*11890	*11890	*8840	7470	*7320	5020	*6480	3470	5260	2160	10.82
	lb			*44730	*44730	*26210	*26210	*19490	16470	*16140	11070	*14290	7650	11600	4760	(35.5)
1.5 m (5 ft)	kg			*10690	*10690	*15290	10520	*10670	6710	*8390	4590	*7100	3220	5180	2080	10.79
	lb			*23570	*23570	*33710	23190	*23520	14790	*18500	10120	*15650	7100	11420	4590	(35.4)
Ground Line	kg			*12110	*12110	*17390	9340	*12080	6150	*9290	4240	7050	3020	5330	2120	10.53
	lb			*26700	*26700	*38340	21250	*26630	13560	*20480	9350	15540	6660	11750	4670	(34.5)
-1.5 m (-5 ft)	kg	*11600	*11600	*15390	*15390	*18190	9270	*12860	5830	9360	4020	6910	2890	5770	2340	10.02
	lb	*25570	*25570	*33930	*33930	*40100	20440	*28350	12850	20640	8860	15230	6370	12720	5160	(32.9)
-3.0 m (-10 ft)	kg	*15300	*15300	*19710	19120	*17910	9220	*12930	5730	9270	3950			6690	2800	9.21
	lb	*33730	*33730	*43450	42150	*39480	20330	*28510	12630	20440	8710			14750	6170	(30.2)
-4.5 m (-15 ft)	kg	*19590	*19590	*24400	19650	*16540	9420	*12090	5830	*9050	4050			*7560	3780	8.01
	lb	*43190	*43190	*53790	43320	*36460	20770	*26650	12850	*19950	8930			*16670	8330	(26.3)
-6.0 m (-20 ft)	kg			*19480	*19480	*13530	9910	*9650	6210					*7550	6380	6.14
	lb			*42950	*42950	*29830	21850	*21270	13690					*16640	14070	(20.1)

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

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

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

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

ENGINE	STD	OPT
Cummins QSL 9 engine	●	
HYDRAULIC SYSTEM		
Intelligent Power Control (IPC)		
3-power mode, 2-work mode, user mode	●	
Variable Power Control	●	
Pump Flow Control	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control		●
Electronic Fan Control		●
CABIN & INTERIOR		
ISO Standard cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 volt power outlet (24V DC to 12V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Safety glass windows	●	
Sliding fold-in front window	●	
Sliding side window (LH)	●	
Lockable door	●	
Hot & cool box	●	
Storage compartment & Ashtray	●	
Transparent cabin roof-cover	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat with heater	●	
Pilot-operated slidable joystick	●	
Console box height adjust system	●	
Automatic climate control		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
Centralized monitoring		
8" LCD display	●	
Engine speed or Trip meter/Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed/High speed	●	
Auto idle	●	
Overload	●	
Check Engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO Gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin lights	●	
Cabin front window rain guard	●	
Cabin roof-steel cover		●
Seat		
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 3449 Level 2	●	
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera	●	
AAVM (Advanced Around View Monitoring)		●
Four front working lights	●	
Travel alarm	●	
Rear work lamp	●	
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Safety lock valve for boom cylinder with overload warning device	●	
Safety lock valve for arm cylinder		●
Three outside rearview mirrors	●	
OTHER		
Booms		
6.15 m; 20' 2"		●
6.5 m; 21' 4"	●	
Arms		
2.5 m; 8' 2"		●
3.2 m; 10' 6"	●	
3.9 m; 12' 10"		●
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer		●
Self-diagnostics system	●	
Hi-mate (Remote Management System)	●	
Batteries (2 x 12 V x 160 Ah)	●	
Fuel filler pump (50 l/min)	●	
Single-acting piping kit (breaker, etc.)		●
Double-acting piping kit (clamshell, etc.)	●	
Rotating Piping Kit		●
Quick coupler piping		●
Quick coupler		●
Boom floating control		●
One Pedal Straight Travel System		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Tool kit		●
UNDERCARRIAGE		
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
Track shoes		
Triple grouser shoes (600 mm; 24")	●	
Triple grouser shoes (700 mm; 28")		●
Triple grouser shoes (750 mm; 30")		●
Triple grouser shoes (800 mm; 32")		●
Triple grouser shoes (900 mm; 36")		●
Double grouser shoes (600 mm; 24")		●
Double grouser shoes (700 mm; 28")		●
Heavy duty grouser shoes (600 mm; 24")		●
Heavy duty grouser shoes (700 mm; 28")		●
Track rail guard	●	
Full track rail guard high walker		●

STD = Standard
OPT = Optional

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