www.**hd-hyundaice**.com

HX500 L

With Tier 3 / Stage IIIA Engine Installed

Gross Power	Net Power	Bucket Capacity	Operating Weight
250 kW (335 HP) at 2100 rpm	246 kW (330 HP) at 2100 rpm	1.38 ~ 3.20 m³	49,900 kg

HD HYUNDAI CONSTRUCTION EQUIPMENT

Head Office(Sales Office)
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2024. APR

HD HYUNDAI

RULE THE GROUND

HX500L

The HX Series exceeds customer's expectation!
Become a true leader on the ground with HCE's HX Series.

WORK MAX, WORTH MAX

- IPC (Intelligent Power Control) Upgrade
- Attachment Flow Control Option
- New Cooling System with Increased Air Flow
- Fuel Rate Information
- ECO Gauge
- Enlarged Air Inlet with Grill Cover

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

- Proportional Auxiliary Hydraulic System Option
- Quick Coupler Button Option
- New Front Side Air Conditioning Systems
- Intelligent and Wide Cluster
- New Air Conditioning System
- Audio System

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System Option
- Hi MATE (Remote Management System) Option
- Swing Lock System Option
- Cab Suspension Mount

*Photo may include optional equipment.

WORK MAX, WORTH MAX

Fuel Efficient System Allows Great Performance

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.

New Variable Power Control

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 systemfor light load work.

BETTER FUEL-EFFICIENCY
(Compared to 9 Series)

Truck Loading
9%
Leveling
15%
Daily Fuel Efficiency
12%

* Photo may include optional equipment

15% increased greater screen from 7 to 8 inch is applied in HX Series. More functions and better resolution are available with adding premium options.

IPC (Intelligent Power Control)

Upgrade

HX Series adopts the upgraded IPC system. It is able to optimize pump flow rate and power at the various working condition through the individual pump control. Furthermore, optimized design of MCV and pipe line minimizes energy loss such as conflux and throttle loss.

Attachment Flow Control Option

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.

Eco Gauge

Eco gauge enables 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 is displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.

Fuel Rate Information

Durable Cooling Module

HX Series has a durable cool-ing module that passed stringent tests, demonstrating the highest productivity in tough working en-vi-ronments.

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.

MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety
The true value of HX Series lies in its durability. The robust frame structure and the attachments show the real value of HX Series in tough working environments and promise higher productivity.

* Photo may include optional equipment.

"We make the best performance in rough working conditions without any unsureness with trustworthy HX500L."

Durable Cooling Module

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

Reinforced Durability of Upper and Lower Structure and Attachments

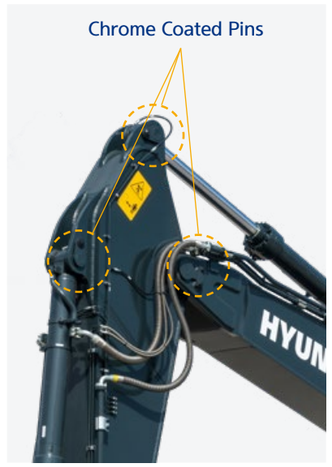
The upper and lower structure and attachments of HX Series have higher durability than demanded on the site, as proven through numerous tests including road tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.

Reinforced Pins, Bushing, and Polymer Shims

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. Vibration reduction of buckets enables more stable operation even in high-load work.



Hi-grade (High-pressure) Hoses

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

13%
CABIN SPACE FOR DRIVERS INCREASED BY
(compared to the previous model)

310mm
340mm

INFOTAINMENT FRONTIER

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 HCE's intensive information technology development, enables both productivity and comfort while working! HX Series is designed with the operator in mind.

* Photo may include optional equipment.

New Front Side Air-conditioning System

The ventilation is designed for both warm and cool air reaching to operator's faces. It could helps operators create more neat and enjoyable atmosphere through indoor air circulation.

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.

Quick Coupler Button Option

Easy attachment replacement of equipment is available with quick coupler button.

Proportional Auxiliary Hydraulic System Option

Proportional control switch with better speed control helps operators to enlarge the operation convenience whenever they do time-consuming work.

Intelligent and Wide Cluster

The 8" capacitive-type display (like smartphone display) of HX Series is delivering excellent legibility. The centralized switches on the display allow convenience of checking temperature outside the cabin.

* The above image is 'Premium Type'

New Air Conditioning System

Front side Air Vent holes make operators more convenient and fresh through direct air flow to driver's face, foot and body.

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, HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.

HiMATE

Option

IT'S CONVENIENT, EASY AND VALUABLE

Hi MATE Hyundai's newly developed remote management system, utilizes GPS-satellite technology to provide customers with the highest level of service and product support available. Hi MATE enables users to remotely evaluate machine performance, access diagnostic information, and verify machine locations at the touch of a button.

WHAT IS BENEFITS

Increase Productivity

It helps you operate machines in efficient. You can check the difference between total engine hours and actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.

Convenient and Easy Monitoring

There is nothing much to do to monitor your machines. Just log on to the Hi MATE website or mobile application. Hi MATE allows you to watch your machines whenever and wherever you are.

Security

Protect your machines from theft or unauthorized usage with Hi MATE. If the machine moves out of the Geofence boundary, you will get alerts.

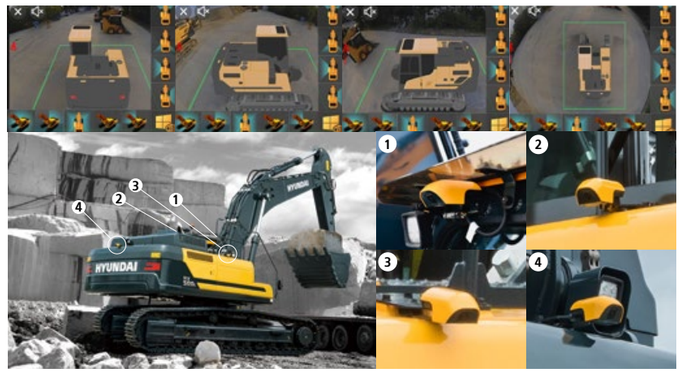
"HX500L with advanced technology ensures our safety on a construction site."

HX Series excavators are products of HCE's spirit of initiative, creativity, and strong drive. HCE 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.

AAVM(Advanced Around View Monitoring) Camera System Option

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.

- **AAVM**(Advanced Around View Monitoring) : Secure field of vision in all directions by ten views including 3D bird's eye view and 2D/4CH view.
- **IMOD**(Intelligent Moving Object Detection) : Inform when pedestrians or dangerous objects are moving around the machine waiting for work.



Swing Lock System Option

Swing lock system is provided to maintain stability when swing movement needs to be limited, improving operating speed and productivity.

Cabin Suspension Mount

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

SPECIFICATIONS

ENGINE

Maker / Model	CUMMINS / X12
Type	6 cylinder, water cooled, 4-cycle, turbocharged charge air cooled, direct injection, electronic controlled diesel engine.
Gross Power	250 kW (335 hp) at 2,100 rpm
Net Power	246 kW (330 hp) at 2,100 rpm
Max. Power	276 kW (370 hp) at 1,800 rpm
Peak Torque	1,674 N · m (1,235 lb·ft) at 1,400 rpm
Displacement	11.8 ℓ (720 cu in)
Operating Altitude (w/o derate)	2,000 m (6,562 ft)

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement axial piston pumps
Max. Flow	2 × 394 lpm (104.0 US gpm / 86.7 UK gpm) 1 × 23.9 lpm (6.3 US gpm / 5.3 UK 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/cm² (4,694psi)
Travel	360 kgf/cm² (5,120psi)
Power Boost (Boom, Arm, Bucket)	360 kgf/cm² (5,120psi)
Swing Circuit	285 kgf/cm² (4,053psi)
Pilot Circuit	40 kgf/cm² (569 psi)
Service Valve	Installed

HYDRAULIC CYLINDERS

No. of Cylinder Bore X Stroke	Boom 2-Ø170 × 1,580 mm
	Arm 1-Ø190 × 1,850 mm
	Bucket 1-Ø160 × 1,360 mm 1-Ø170 × 1,360 mm 6,550 mm (21' 6") Boom & 2,550 mm (8' 4") Arm Only

DRIVES & BRAKES

Drive Method	Fully hydrostatic type
Drive Motor	Axial piston motor, in-shoe design
Reduction System	Planetary reduction gear
Max. Drawbar Pull	39,674 kgf (87,466 lbf)
Max. Travel Speed (High / Low)	3.4 km/hr (2.1 mph) / 5.5 km/hr (3.4 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	Axial piston motor
Swing Reduction	Planetary gear reduction
Swing Bearing Lubrication	Grease-bathed
Swing Brake	Multi wet disc
Swing Speed	8.8 rpm

COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel Tank	660	174.35	145.18
Engine Coolant	43	11.3	9.4
Engine Oil	34	9.0	7.5
Swing Device	7	1.8	1.5
Final Drive (Each)	13	3.4	2.9
Hydraulic System (Including Tank)	499	131.7	109.7
Hydraulic Tank	275	72.6	60.4

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	53 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 7,060mm (23' 2") boom, 3,380mm (11' 1") arm, SAE heaped 2.2m³ (2.88 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

OPERATING WEIGHT

Shoes		Operating Weight	Ground Pressure
Type	Width mm(in)	kg (lb)	kgf/cm² (psi)
Triple Grouser	600 (24")	49,900 (110,010)	0.87 (12.3)
	700 (28")	50,420 (111,160)	0.75 (10.7)
	800 (32")	50,950 (112,330)	0.66 (9.4)
	900 (36")	51,460 (113,450)	0.60 (8.5)
	600HD (24")	50,080 (110,410)	0.87 (12.4)
Double Grouser	600 (24")	49,930 (110,080)	0.87 (12.3)

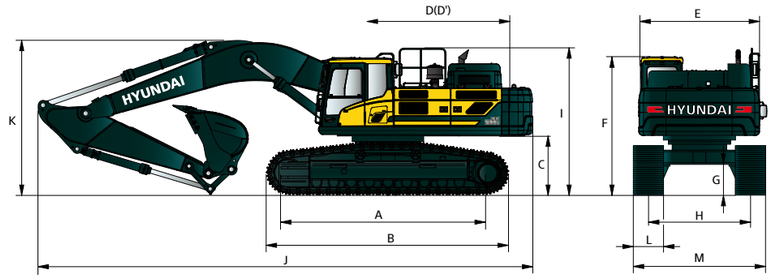
AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1,430) The system hold 0.8 kg refrigerant consisting of a CO_2 equivalent of 1.21 kg. For more information, Please refer to the manual.

DIMENSIONS & WORKING RANGE

HX500L DIMENSIONS

6.55 m (21' 6"), 7.06 m (23' 2"), 9.0 m (29' 6") boom and 2.55 m (8' 4"), 2.9 m (9' 6"), 3.38 m (11' 1"), 4.0 m (13' 8"), 6.0 m (19' 8") arm



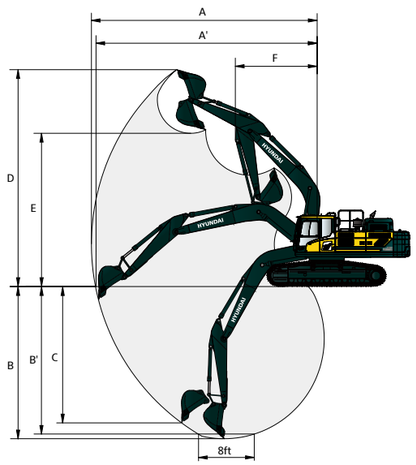
Unit : mm (ft·in)

	Boom Length	6,550 (21' 6")		7,060 (23' 2")				9,000 (29' 6")
	Arm Length	2,550 (8' 4")	2,900 (9' 6")	2,550 (8' 4")	2,900 (9' 6")	3,380 (11' 1")	4,000 (13' 1")	6,000 (19' 8")
A	Tumbler Distance	4,475 (14' 8")						
*B	Overall Length of Crawler	5,482 (17' 2")						
*C	Ground Clearance of Counter Weight	1,438 (4' 6")						
D	Tail Swing Radius	3,800 (12' 6")						
D'	Rear-end Length	3,745 (12' 3")						
E	Overall Width of Upper Structure	2,980 (9' 9")						
*F	Overall Height of Cab	3,240 (10' 8")						
*G	Min. Ground Clearance	580 (1' 11")						
H	Track gauge	2,750 (9' 0")						
*I	Overall Height of Guardrail	3,443 (11' 6")						
J	Overall Length	11,680 (38' 4")	11,690 (38' 4")	12,210 (40' 1")	12,220 (40' 1")	12,160 (39' 11")	12,150 (39' 10")	14,070 (46' 2")
*K	Overall Height of Boom	3,790 (12' 5")	3,950 (13' 0")	3,790 (12' 5")	3,850 (12' 8")	3,850 (12' 8")	3,890 (12' 9")	3,970 (13' 0")

L	Track Shoe Width	600 (24")	700 (28")	800 (32")	900 (36")
M	Overall Width	3,350 (11' 0")	3,450 (12' 0")	3,550 (11' 8")	3,650 (12' 0")

* This figure includes the size of grousers.

HX500L WORKING RANGE



Unit : mm (ft·in)

	Boom length	6,550 (21' 6")		7,060 (23' 2")				9,000 (29' 6")
	Arm length	2,550 (8' 4")	2,900 (9' 6")	2,550 (8' 4")	2,900 (9' 6")	3,380 (11' 1")	4,000 (13' 1")	6,000 (19' 8")
A	Max. digging reach	10,870 (35' 8")	11,130 (36' 6")	11,410 (37' 5")	11,670 (38' 3")	12,060 (39' 7")	12,610 (41' 4")	16,110 (52' 10")
A'	Max. digging reach on ground	10,640 (34' 11")	10,910 (35' 10")	11,190 (36' 9")	11,460 (37' 7")	11,850 (38' 11")	12,410 (40' 9")	15,950 (52' 7")
B	Max. digging depth	6,460 (21' 2")	6,810 (22' 4")	6,900 (22' 8")	7,250 (23' 9")	7,730 (25' 4")	8,350 (27' 5")	11,710 (38' 5")
B'	Max. digging depth (8' level)	6,290 (20' 8")	6,650 (21' 10")	6,730 (22' 1")	7,090 (23' 3")	7,590 (25' 11")	8,220 (27' 0")	11,620 (38' 1")
C	Max. vertical wall digging depth	4,840 (15' 11")	4,900 (16' 1")	5,280 (17' 4")	5,710 (18' 9")	5,490 (18' 0")	6,170 (20' 3")	8,660 (28' 5")
D	Max. digging height	10,670 (35' 0")	10,630 (34' 11")	11,070 (36' 4")	11,090 (36' 5")	11,060 (36' 3")	11,330 (37' 2")	13,100 (43' 0")
E	Max. dumping height	7,210 (23' 8")	7,240 (23' 9")	7,600 (24' 11")	7,630 (25' 0")	7,710 (25' 4")	7,920 (26' 0")	9,800 (32' 2")
F	Min. swing radius	4,440 (14' 7")	4,450 (14' 7")	4,820 (15' 10")	4,880 (16' 0")	4,870 (16' 0")	4,630 (15' 2")	5,630 (18' 6")

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX500L MONO BOOM

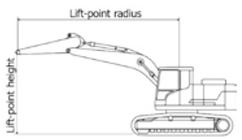
6.55 m (21' 6") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
9.0 m	kg									*13,880	*13,880	5.79
29.5 ft	lb									*30,600	*30,600	(19.0)
7.5 m	kg					*13,190	*13,190			*12,600	11,120	7.22
24.6 ft	lb					*29,080	*29,080			*27,780	24,520	(23.7)
6.0 m	kg					*13,980	*13,980	*12,410	10,350	*12,070	9,040	8.12
19.7 ft	lb					*30,820	*30,820	*27,360	22,820	*26,610	19,930	(26.6)
4.5 m	kg			*20,370	*20,370	*15,430	14,080	*12,960	10,050	*11,830	7,970	8.67
14.8 ft	lb			*44,910	*44,910	*34,020	31,040	*28,570	22,160	*26,080	17,570	(28.4)
3.0 m	kg					*16,960	13,300	*13,650	9,670	*11,730	7,440	8.94
9.8 ft	lb					*37,390	29,320	*30,090	21,320	*25,860	16,400	(29.3)
1.5 m	kg					*17,890	12,720	*14,120	9,340	*11,690	7,300	8.94
4.9 ft	lb					*39,440	28,040	*31,130	20,590	*25,770	16,090	(29.3)
Ground	kg			*21,030	18,920	*17,850	12,420	*14,030	9,140	*11,620	7,520	8.69
Line	lb			*46,360	41,710	*39,350	27,380	*30,930	20,150	*25,620	16,580	(28.5)
-1.5 m	kg	*15,060	*15,060	*21,280	19,020	*16,720	12,370	*13,030	9,120	*11,390	8,210	8.15
-4.9 ft	lb	*33,200	*33,200	*46,910	41,930	*36,860	27,270	*28,730	20,110	*25,110	18,100	(26.7)
-3.0 m	kg	*20,530	*20,530	*17,830	*17,830	*14,160	12,560			*10,720	9,750	7.26
-9.8 ft	lb	*45,260	*45,260	*39,310	*39,310	*31,220	27,690			*23,630	21,500	(23.8)

6.55 m (21' 6") boom, 2.90 m (9' 6") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
9.0 m	kg											*11,820	*11,820	6.19
29.5 ft	lb											*26,060	*26,060	(20.3)
7.5 m	kg							*11,250	10,500			*10,890	10,410	7.54
24.6 ft	lb							*24,800	23,150			*24,010	22,950	(24.7)
6.0 m	kg					*13,340	*13,340	*11,880	10,400			*10,600	8,550	8.41
19.7 ft	lb					*29,410	*29,410	*26,190	22,930			*23,370	18,850	(27.6)
4.5 m	kg			*19,300	*19,300	*14,830	14,150	*12,520	10,050			*10,710	7,570	8.94
14.8 ft	lb			*42,550	*42,550	*32,690	31,200	*27,600	22,160			*23,610	16,690	(29.3)
3.0 m	kg			*22,770	20,130	*16,450	13,320	*13,290	9,640	*11,400	7,320	*11,180	7,070	9.20
9.8 ft	lb			*50,200	44,380	*36,270	29,370	*29,300	21,250	*25,130	16,140	*24,650	15,590	(30.2)
1.5 m	kg			*19,910	19,030	*17,560	12,660	*13,870	9,270	*11,500	7,140	*11,210	6,920	9.20
4.9 ft	lb			*43,890	41,950	*38,710	27,910	*30,580	20,440	*25,350	15,740	*24,710	15,260	(30.2)
Ground	kg			*23,720	18,690	*17,760	12,280	*13,950	9,030			*11,220	7,090	8.96
Line	lb			*52,290	41,200	*39,150	27,070	*30,750	19,910			*24,740	15,630	(29.4)
-1.5 m	kg	*16,270	*16,270	*21,890	18,720	*16,900	12,180	*13,220	8,960			*11,120	7,690	8.44
-4.9 ft	lb	*35,870	*35,870	*48,260	41,270	*37,260	26,850	*29,150	19,750			*24,520	16,950	(27.7)
-3.0 m	kg	*22,850	*22,850	*18,760	*18,760	*14,740	12,320	*10,960	9,130			*10,700	9,000	7.58
-9.8 ft	lb	*50,380	*50,380	*41,360	*41,360	*32,500	27,160	*24,160	20,130			*23,590	19,840	(24.9)
-4.5 m	kg			*13,560	*13,560	*10,150	*10,150					*9,330	*9,330	6.27
-14.8 ft	lb			*29,890	*29,890	*22,380	*22,380					*20,570	*20,570	(20.6)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of HX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
4. (*) indicates load limited by hydraulic capacity.



Rating over-front Rating over-side or 360 degree

HX500L MONO BOOM

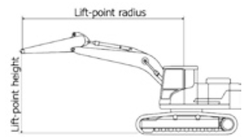
7.06 m (23' 2") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
9.0 m	kg											*12,380	*12,380	6.60
29.5 ft	lb											*27,290	*27,290	(21.6)
7.5 m	kg							*11,560	10,500			*11,490	9,630	7.87
24.6 ft	lb							*25,490	23,150			*25,330	21,230	(25.8)
6.0 m	kg					*13,640	*13,640	*11,840	10,300			*11,100	8,030	8.71
19.7 ft	lb					*30,070	*30,070	*26,100	22,710			*24,470	17,700	(28.6)
4.5 m	kg					*15,260	13,770	*12,560	9,920	*11,060	7,470	*10,910	7,170	9.22
14.8 ft	lb					*33,640	30,360	*27,690	21,870	*24,380	16,470	*24,050	15,810	(30.3)
3.0 m	kg					*16,820	12,950	*13,340	9,490	*11,320	7,280	*10,840	6,730	9.47
9.8 ft	lb					*37,080	28,550	*29,410	20,920	*24,960	16,050	*23,900	14,840	(31.1)
1.5 m	kg					*17,670	12,390	*13,860	9,150	*11,470	7,100	*10,810	6,600	9.48
4.9 ft	lb					*38,960	27,320	*30,560	20,170	*25,290	15,650	*23,830	14,550	(31.1)
Ground	kg					*17,570	12,130	*13,880	8,940	*11,210	7,010	*10,770	6,770	9.24
Line	lb					*38,740	26,740	*30,600	19,710	*24,710	15,450	*23,740	14,930	(30.3)
-1.5 m	kg			*20,510	18,740	*16,560	12,110	*13,170	8,900			*10,610	7,320	8.74
-4.9 ft	lb			*45,220	41,310	*36,510	26,700	*29,030	19,620			*23,390	16,140	(28.7)
-3.0 m	kg	*19,190	*19,190	*17,720	*17,720	*14,510	12,280	*11,260	9,060			*10,150	8,480	7.92
-9.8 ft	lb	*42,310	*42,310	*39,070	*39,070	*31,990	27,070	*24,820	19,970			*22,380	18,700	(26.0)
-4.5 m	kg			*13,240	*13,240	*10,610	*10,610					*8,830	*8,830	6.66
-14.8 ft	lb			*29,190	*29,190	*23,390	*23,390					*19,470	*19,470	(21.9)

7.06 m (23' 2") boom, 2.90 m (9' 6") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
9.0 m	kg											*11,510	*11,510	6.97
29.5 ft	lb											*25,380	*25,380	(22.9)
7.5 m	kg							*10,980	10,580			*10,810	9,050	8.19
24.6 ft	lb							*24,210	23,320			*23,830	19,950	(26.9)
6.0 m	kg					*13,030	*13,030	*11,370	10,330			*10,500	7,610	8.99
19.7 ft	lb					*28,730	*28,730	*25,070	22,770			*23,150	16,780	(29.5)
4.5 m	kg			*19,780	*19,780	*14,660	13,840	*12,140	9,910	*10,690	7,450	*10,370	6,810	9.49
14.8 ft	lb			*43,610	*43,610	*32,320	30,510	*26,760	21,850	*23,570	16,420	*22,860	15,010	(31.1)
3.0 m	kg					*16,310	12,960	*12,980	9,450	*11,040	7,220	*10,340	6,390	9.74
9.8 ft	lb					*35,960	28,570	*28,620	20,830	*24,340	15,920	*22,800	14,090	(31.9)
1.5 m	kg					*17,350	12,310	*13,600	9,070	*11,280	7,010	*10,360	6,250	9.74
4.9 ft	lb					*38,250	27,140	*29,980	20,000	*24,870	15,450	*22,840	13,780	(32.0)
Ground	kg			*14,480	*14,480	*17,470	11,980	*13,750	8,820	*11,190	6,880	*10,380	6,390	9.51
Line	lb			*31,920	*31,920	*38,510	26,410	*30,310	19,440	*24,670	15,170	*22,880	14,090	(31.2)
-1.5 m	kg			*21,210	18,400	*16,700	11,910	*13,230	8,740	*10,370	6,880	*10,320	6,860	9.02
-4.9 ft	lb			*46,760	40,570	*36,820	26,260	*29,170	19,270	*22,860	15,170	*22,750	15,120	(29.6)
-3.0 m	kg	*21,630	*21,630	*18,580	*18,580	*14,930	12,040	*11,720	8,840			*10,040	7,870	8.23
-9.8 ft	lb	*47,690	*47,690	*40,960	*40,960	*32,910	26,540	*25,840	19,490			*22,130	17,350	(27.0)
-4.5 m	kg			*14,450	*14,450	*11,610	*11,610					*9,130	*9,130	7.04
-14.8 ft	lb			*31,860	*31,860	*25,600	*25,600					*20,130	*20,130	(23.1)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of HX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
4. (*) indicates load limited by hydraulic capacity.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX500L MONO BOOM

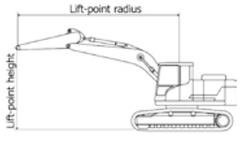
7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
9.0 m	kg							*9,510	*9,510			*9,450	*9,450	7.51
29.5 ft	lb							*20,970	*20,970			*20,830	*20,830	(24.6)
7.5 m	kg							*10,350	*10,350			*8,950	8,370	8.65
24.6 ft	lb							*22,820	*22,820			*19,730	18,450	(28.4)
6.0 m	kg							*10,850	10,480	*9,990	7,740	*8,830	7,130	9.41
19.7 ft	lb							*23,920	23,100	*22,020	17,060	*19,470	15,720	(30.9)
4.5 m	kg			*18,480	*18,480	*14,010	*14,010	*11,700	10,060	*10,330	7,540	*8,960	6,420	9.89
14.8 ft	lb			*40,740	*40,740	*30,890	*30,890	*25,790	22,180	*22,770	16,620	*19,750	14,150	(32.5)
3.0 m	kg					*15,810	13,210	*12,650	9,580	*10,790	7,290	*9,350	6,040	10.12
9.8 ft	lb					*34,860	29,120	*27,890	21,120	*23,790	16,070	*20,610	13,320	(33.2)
1.5 m	kg					*17,100	12,500	*13,410	9,160	*11,150	7,050	*9,890	5,910	10.13
4.9 ft	lb					*37,700	27,560	*29,560	20,190	*24,580	15,540	*21,800	13,030	(33.2)
Ground	kg			*17,130	*17,130	*17,540	12,080	*13,740	8,860	*11,240	6,880	*9,970	6,010	9.91
Line	lb			*37,770	*37,770	*38,670	26,630	*30,290	19,530	*24,780	15,170	*21,980	13,250	(32.5)
-1.5 m	kg	*12,220	*12,220	*22,260	18,360	*17,080	11,920	*13,470	8,730	*10,780	6,820	*10,000	6,400	9.44
-4.9 ft	lb	*26,940	*26,940	*49,070	40,480	*37,650	26,280	*29,700	19,250	*23,770	15,040	*22,050	14,110	(31.0)
-3.0 m	kg	*20,690	*20,690	*19,920	18,560	*15,660	11,980	*12,340	8,760			*9,900	7,230	8.69
-9.8 ft	lb	*45,610	*45,610	*43,920	40,920	*34,520	26,410	*27,210	19,310			*21,830	15,940	(28.5)
-4.5 m	kg	*19,790	*19,790	*16,250	*16,250	*12,920	12,250	*9,580	9,040			*9,390	8,940	7.57
-14.8 ft	lb	*43,630	*43,630	*35,830	*35,830	*28,480	27,010	*21,120	19,930			*20,700	19,710	(24.8)

7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 800 mm (28") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
9.0 m	kg							*9,510	*9,510			*9,450	*9,450	7.51
29.5 ft	lb							*20,970	*20,970			*20,830	*20,830	(24.6)
7.5 m	kg							*10,350	*10,350			*8,950	8,370	8.65
24.6 ft	lb							*22,820	*22,820			*19,730	18,450	(28.4)
6.0 m	kg							*10,850	10,480	*9,990	7,740	*8,830	7,130	9.41
19.7 ft	lb							*23,920	23,100	*22,020	17,060	*19,470	15,720	(30.9)
4.5 m	kg			*18,480	*18,480	*14,010	*14,010	*11,700	10,060	*10,330	7,540	*8,960	6,420	9.89
14.8 ft	lb			*40,740	*40,740	*30,890	*30,890	*25,790	22,180	*22,770	16,620	*19,750	14,150	(32.5)
3.0 m	kg					*15,810	13,210	*12,650	9,580	*10,790	7,290	*9,350	6,040	10.12
9.8 ft	lb					*34,860	29,120	*27,890	21,120	*23,790	16,070	*20,610	13,320	(33.2)
1.5 m	kg					*17,100	12,500	*13,410	9,160	*11,150	7,050	*9,890	5,910	10.13
4.9 ft	lb					*37,700	27,560	*29,560	20,190	*24,580	15,540	*21,800	13,030	(33.2)
Ground	kg			*17,130	*17,130	*17,540	12,080	*13,740	8,860	*11,240	6,880	*9,970	6,010	9.91
Line	lb			*37,770	*37,770	*38,670	26,630	*30,290	19,530	*24,780	15,170	*21,980	13,250	(32.5)
-1.5 m	kg	*12,220	*12,220	*22,260	18,360	*17,080	11,920	*13,470	8,730	*10,780	6,820	*10,000	6,400	9.44
-4.9 ft	lb	*26,940	*26,940	*49,070	40,480	*37,650	26,280	*29,700	19,250	*23,770	15,040	*22,050	14,110	(31.0)
-3.0 m	kg	*20,690	*20,690	*19,920	18,560	*15,660	11,980	*12,340	8,760			*9,900	7,230	8.69
-9.8 ft	lb	*45,610	*45,610	*43,920	40,920	*34,520	26,410	*27,210	19,310			*21,830	15,940	(28.5)
-4.5 m	kg	*19,790	*19,790	*16,250	*16,250	*12,920	12,250	*9,580	9,040			*9,390	8,940	7.57
-14.8 ft	lb	*43,630	*43,630	*35,830	*35,830	*28,480	27,010	*21,120	19,930			*20,700	19,710	(24.8)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of HX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
4. (*) indicates load limited by hydraulic capacity.



Rating over-front Rating over-side or 360 degree

HX500L MONO BOOM

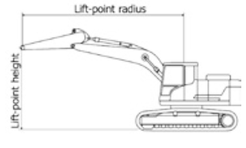
7.06 m (23' 2") boom, 4.00 m (13' 1") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		10.5 m (34.4 ft)		Capacity		Reach
																		m (ft)
9.0 m	kg															*7,340	*7,340	8.24
29.5 ft	lb															*16,180	*16,180	(27.0)
7.5 m	kg											*8,410	8,030			*7,010	*7,010	9.29
24.6 ft	lb											*18,540	17,700			*15,450	*15,450	(30.5)
6.0 m	kg									*10,200	*10,200	*9,450	7,920			*6,930	6,560	10.01
19.7 ft	lb									*22,490	*22,490	*20,830	17,460			*15,280	14,460	(32.8)
4.5 m	kg							*13,140	*13,140	*11,140	10,280	*9,910	7,700			*7,030	5,960	10.46
14.8 ft	lb							*28,970	*28,970	*24,560	22,660	*21,850	16,980			*15,500	13,140	(34.3)
3.0 m	kg					*20,800	20,710	*15,100	13,570	*12,210	9,780	*10,480	7,420	*8,720	5,790	*7,320	5,630	10.68
9.8 ft	lb					*45,860	45,660	*33,290	29,920	*26,920	21,560	*23,100	16,360	*19,220	12,760	*16,140	12,410	(35.0)
1.5 m	kg					*20,070	19,240	*16,700	12,770	*13,140	9,320	*10,990	7,150	*9,480	5,660	*7,820	5,510	10.68
4.9 ft	lb					*44,250	42,420	*36,820	28,150	*28,970	20,550	*24,230	15,760	*20,900	12,480	*17,240	12,150	(35.0)
Ground	kg					*19,100	18,580	*17,520	12,250	*13,700	8,980	*11,260	6,950			*8,600	5,580	10.47
Line	lb					*42,110	40,960	*38,620	27,010	*30,200	19,800	*24,820	15,320			*18,960	12,300	(34.4)
-1.5 m	kg			*12,230	*12,230	*23,290	18,400	*17,450	12,000	*13,710	8,780	*11,110	6,830			*9,540	5,890	10.03
-4.9 ft	lb			*26,960	*26,960	*51,350	40,570	*38,470	26,460	*30,230	19,360	*24,490	15,060			*21,030	12,990	(32.9)
-3.0 m	kg	*14,130	*14,130	*18,540	*18,540	*21,430	18,500	*16,470	11,980	*12,980	8,750	*10,210	6,850			*9,570	6,540	9.33
-9.8 ft	lb	*31,150	*31,150	*40,870	*40,870	*47,250	40,790	*36,310	26,410	*28,620	19,290	*22,510	15,100			*21,100	14,420	(30.6)
-4.5 m	kg			*23,840	*23,840	*18,340	*18,340	*14,340	12,150	*11,120	8,900					*9,360	7,810	8.30
-14.8 ft	lb			*52,560	*52,560	*40,430	*40,430	*31,610	26,790	*24,520	19,620					*20,640	17,220	(27.2)
-6.0 m	kg					*13,350	*13,350	*10,290	*10,290							*8,450	*8,450	6.78
-19.7 ft	lb					*29,430	*29,430	*22,690	*22,690							*18,630	*18,630	(22.3)

9.00 m (29' 7") boom, 6.00 m (19' 8") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius																At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0m (29.5ft)		10.5m (34.4ft)		12.0m (39.4ft)		13.5m (44.3ft)		Capacity		Reach
																						m(ft)
10.5 m	kg																			*4,060	*4,060	11.51
34.4 ft	lb																			*8,950	*8,950	(37.7)
9.0 m	kg															*4,870	*4,870			*3,950	*3,950	12.46
29.5 ft	lb															*10,740	*10,740			*8,710	*8,710	(40.9)
7.5 m	kg													*5,930	*5,930	*5,620	5,080			*3,940	*3,940	13.17
24.6 ft	lb													*13,070	*13,070	*12,390	11,200			*8,690	*8,690	(43.2)
6.0 m	kg													*6,270	*6,270	*5,810	4,930	*4,500	3,830	*3,990	3,710	13.69
19.7 ft	lb													*13,820	*13,820	*12,810	10,870	*9,920	8,440	*8,800	8,180	(44.9)
4.5 m	kg									*8,790	*8,790	*7,540	*7,540	*6,680	6,040	*6,060	4,720	*5,520	3,720	*4,110	3,420	14.02
14.8 ft	lb									*19,380	*19,380	*16,620	*16,620	*14,730	13,320	*13,360	10,410	*12,170	8,200	*9,060	7,540	(46.0)
3.0 m	kg					*17,920	*17,920	*12,630	*12,630	*9,890	9,670	*8,240	7,320	*7,130	5,690	*6,350	4,500	*5,750	3,580	*4,300	3,230	14.18
9.8 ft	lb					*39,510	*39,510	*27,840	*27,840	*21,800	21,320	*18,170	16,140	*15,720	12,540	*14,000	9,920	*12,680	7,890	*9,480	7,120	(46.5)
1.5 m	kg					*9,790	*9,790	*14,170	12,140	*10,870	8,900	*8,880	6,820	*7,550	5,360	*6,610	4,280	*5,890	3,450	*4,580	3,120	14.19
4.9 ft	lb					*21,580	*21,580	*31,240	26,760	*23,960	19,620	*19,580	15,040	*16,640	11,820	*14,570	9,440	*12,990	7,610	*10,100	6,880	(46.5)
Ground	kg					*9,020	*9,020	*15,100	11,270	*11,570	8,300	*9,370	6,410	*7,880	5,080	*6,810	4,090	*5,960	3,330	*4,970	3,100	14.03
Line	lb					*19,890	*19,890	*33,290	24,850	*25,510	18,300	*20,660	14,130	*17,370	11,200	*15,010	9,020	*13,140	7,340	*10,960	6,830	(46.0)
-1.5 m	kg	*4,710	*4,710	*6,130	*6,130	*10,400	*10,400	*15,390	10,790	*11,920	7,900	*9,650	6,100	*8,060	4,860	*6,890	3,940	*5,910	3,250	*5,510	3,160	13.70
-4.9 ft	lb	*10,380	*10,380	*13,510	*13,510	*22,930	*22,930	*33,930	23,790	*26,280	17,420	*21,270	13,450	*17,770	10,710	*15,190	8,690	*13,030	7,170	*12,150	6,970	(45.0)
-3.0 m	kg	*7,100	*7,100	*8,690	*8,690	*12,720	*12,720	*15,140	10,590	*11,890	7,680	*9,660	5,920	*8,040	4,720	*6,790	3,860			*5,880	3,330	13.20
-9.8 ft	lb	*15,650	*15,650	*19,160	*19,160	*28,040	*28,040	*33,380	23,350	*26,210	16,930	*21,300	13,050	*17,730	10,410	*14,970	8,510			*12,960	7,340	(43.3)
-4.5 m	kg	*9,580	*9,580	*11,500	*11,500	*15,760	*15,760	*14,400	10,580	*11,470	7,620	*9,360	5,850	*7,750	4,680	*6,400	3,850			*5,950	3,640	12.50
-14.8 ft	lb	*21,120	*21,120	*25,350	*25,350	*34,740	*34,740	*31,750	23,320	*25,290	16,800	*20,640	12,900	*17,090	10,320	*14,110	8,490			*13,120	8,020	(41.0)
-6.0 m	kg	*12,310	*12,310	*14,730	*14,730	*16,720	*16,720	*13,140	10,740	*10,590	7,690	*8,650	5,900	*7,060	4,740					*5,980	4,160	11.55
-19.7 ft	lb	*27,140	*27,140	*32,470	*32,470	*36,860	*36,860	*28,970	23,680	*23,350	16,950	*19,070	13,010	*15,560	10,450					*13,180	9,170	(37.9)
-7.5 m	kg			*18,050	*18,050	*13,990	*13,990	*11,240	11,050	*9,120	7,910	*7,360	6,090							*5,870	5,060	10.31
-24.6 ft	lb			*39,790	*39,790	*30,840	*30,840	*24,780	24,360	*20,110	17,440	*16,230	13,430							*12,940	11,160	(33.8)
-9.0 m	kg					*10,190	*10,190	*8,390	*8,390	*6,720	*6,720									*5,410	*5,410	8.62
-29.5 ft	lb					*22,470	*22,470	*18,500	*18,500	*14,820	*14820									*11,930	*11,930	(28.3)

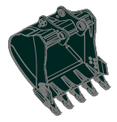
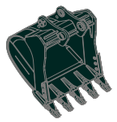
1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of HX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
4. (*) indicates load limited by hydraulic capacity.



BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.


SAE heaped m³ (yd³)	GP	HD	Rock-HD
	1.38 (1.80)	2.20 (2.88)	2.20 (2.88)
	2.20 (2.88)	2.79 (3.65)	2.43 (3.18)
	3.00 (3.92)	3.20 (4.19)	2.79 (3.65)
			3.20 (4.19)

Capacity m³ (yd³)		Width mm (in)	Weight kg (lb)	Tooth (EA)	Recommendation mm (ft.in)						
					6,550 (21' 6") Boom		7,060 (23' 2") Boom				9,000 (29' 6") Boom
SAE Heaped	CECE Heaped				2,550 (8' 4") Arm	2,900 (9' 6") Arm	2,550 (8' 4") Arm	2,900 (9' 6") Arm	3,380 (11' 1") Arm	4,000 (13' 1") Arm	6,000 (19' 8") Arm
(G) 1.38 (1.80)	1.24 (1.62)	1,130 (44.5")	1,640 (3,620)	4	●	●	●	●	●	●	▲
(G) 2.20 (2.88)	1.93 (2.52)	1.600 (63.0")	2,020 (4,450)	5	●	●	●	●	◐	◐	×
(G) 3.00 (3.92)	2.64 (3.45)	1,905 (75.0")	2,425 (5,350)	6	◐	■	■	■	▲	▲	×
(H) 2.20 (2.88)	1.93 (2.52)	1,600 (63.0")	2,325 (5,130)	5	●	●	●	◐	◐	■	×
(H) 2.79 (3.65)	2.46 (3.22)	1,795 (70.7")	2,615 (5,770)	5	◐	◐	■	■	▲	▲	×
(H) 3.20 (4.19)	2.82 (3.69)	2,015 (79.3")	2,860 6,310)	6	■	■	▲	▲	▲	×	×
(R) 2.20 (2.88)	1.93 (2.52)	1.600 (63.0")	2,605 (5,740)	5	●	●	●	◐	◐	×	×
(R) 2.43 (3.18)	2.11 (2.76)	1,745 (69.0")	2,730 (6,020)	5	●	◐	◐	■	■	×	×
(R) 2.79 (3.65)	2.46 (3.22)	1,795 (71.0")	2,970 (6,550)	5	◐	■	■	▲	▲	×	×
(R) 3.20 (4.19)	2.82 (3.69)	2,015 (79.3")	3,235 (7,130)	6	■	▲	▲	▲	×	×	×

(G) General Purpose
(H) Heavy Duty
(R) Rock-HD

● : Applicable for materials with density of 2,100 kg/m³ (3,500 lb/yd³) or less
◐ : Applicable for materials with density of 1,800 kg/m³ (3,000 lb/yd³) or less
■ : Applicable for materials with density of 1,500 kg/m³ (2,500 lb/yd³) or less
▲ : Applicable for materials with density of 1,200 kg/m³ (2,000 lb/yd³) or less
× : Not Recommended

ATTACHMENT

Booms and arms are of all-welded, low-stress, full-box section design.
6,550 mm (21' 6"), 7,060 mm (8' 2"), 9,000 mm (29' 6") boom and 2,550 mm (8' 4"), 2,900 mm (9' 6"), 3,380 mm (11' 1"), 4,000 mm (13' 1"), 6,000 mm (19' 8") arms are available, Hyundai Bucket are all-welded, high-strength steel implements.

DIGGING FORCE

Boom	Length	mm (ft.in)	6,550 (21' 6")		7,060 (23' 2")				9,000 (29' 6")	Remark
	Weight	kg (lb)	4,380 (9,660)		4,420 (9,740)				5,170 (11,400)	
Arm	Length	mm (ft.in)	2,550 (8' 4")	2,900 (9' 6")	2,550 (8' 4")	2,900 (9' 6")	3,380 (11' 1")	4,000 (13' 1")	6,000 (19' 8")	
	Weight	kg (lb)	2,450 (5,400)	2,630 (5,800)	2,430 (5,360)	2,630 (5,800)	2,650 (5,840)	2,700 (5,950)	3,260 (7,190)	
Bucket Digging Force	SAE	kN	240.3 [262.1]	212.8 [232.1]	212.8 [232.1]	212.8 [232.1]	212.8 [232.1]	212.8 [232.1]	212.8	[ ]: Power Boost
		kgf	24,500 [26,730]	21,700 [23,670]	21,700 [23,670]	21,700 [23,670]	21,700 [23,670]	21,700 [23,670]	21,700	
		lbf	54,010 [58,930]	47,840 [52,180]	47,840 [52,180]	47,840 [52,180]	47,840 [52,180]	47,840 [52,180]	47,840	
	ISO	kN	279.5 [304.9]	247.1 [269.6]	247.1 [269.6]	247.1 [269.6]	247.1 [269.6]	247.1 [269.6]	247.1	
		kgf	28,500 [31,090]	25,200 [27,490]	25,200 [27,490]	25,200 [27,490]	25,200 [27,490]	25,200 [27,490]	25,200	
		lbf	62,830 [68,540]	55,560 [60,610]	55,560 [60,610]	55,560 [60,610]	55,560 [60,610]	55,560 [60,610]	55,560	
Arm Crowd Force	SAE	kN	235.4 [256.7]	218.7 [238.6]	235.4 [256.7]	218.7 [238.6]	198.1 [216.1]	173.6 [189.4]	127.5	
		kgf	24,000 [26,180]	22,300 [24,330]	24,000 [26,180]	22,300 [24,330]	20,200 [20,040]	17,700 [19,310]	13,000	
		lbf	52,910 [57,720]	49,160 [53,640]	52,910 [57,720]	49,160 [53,640]	44,530 [48,590]	39,020 [42,570]	28,660	
	ISO	kN	246.2 [268.5]	227.5 [248.2]	246.2 [268.5]	227.5 [248.2]	205.0 [223.6]	179.5 [195.7]	130.4	
		kgf	25,100 [27,380]	23,200 [25,310]	25,100 [27,380]	23,200 [25,310]	20,900 [22,800]	18,300 [19,960]	13,300	
		lbf	55,340 [60,360]	51,150 [55,800]	55,340 [60,360]	51,150 [55,800]	46,080 [50,270]	40,340 [44,000]	29,320	

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

STANDARD / OPTION

ENGINE	STD	OPT
Cummins X12	●	
HYDRAULIC SYSTEM		
INTELLIGENT POWER CONTROL (IPC)		
3-Power Mode, 2-Work Mode, User Mode	●	
Variable Power Control	●	
Pump Flow Control (Upgraded IPC)	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control	●	
CAB & INTERIOR		
ISO STANDARD CABIN		
Cabin Lights (LED)		●
Cabin Front Window Rain Guard		●
Cabin Roof-Steel Cover		●
Rise-Up Type Windshield Wiper	●	
Radio / USB Player	●	
Handsfree Mobile Phone System with USB	●	
12 V Power Outlet (24 V DC to 12 V DC Converter)	●	
Electric Horn	●	
All-Weather Steel Cab with 360° Visibility	●	
Safety glass - Tempered glass	●	
Safety glass - Tempered glass with front laminated glass		●
Safety glass windows	●	
Sliding Fold-In Front Window	●	
Sliding Side Window (LH)	●	
Lockable Door	●	
Hot & Cool Box	●	
Storage Compartment	●	
Ashtray & Ashtray		●
Transparent Cabin Roof-Cover	●	
Sun Visor	●	
Door and Cab Locks, One Key	●	
Pilot-Operated Slidable Joystick	●	
Console Box Height Adjust System	●	
AUTOMATIC CLIMATE CONTROL		
Air Conditioner & Heater	●	
Defroster	●	
AUTOMATIC STARTING AID(AIR GRID HEATER) FOR WEATHER		
Starting Aid (Air Grid Heater) for Cold Weather	●	
CENTRALIZED MONITORING		
8" LCD Display - Normal type	●	
8" LCD Display - Premium type		●
Engine Speed or Trip Meter / Accel	●	
Engine Coolant Temperature Gauge	●	
Max Power	●	
Low Speed / High Speed	●	
Auto Idle	●	
Overload warning with alarm		●
Check Engine	●	
Air Cleaner Clogging	●	
Indicators	●	
Eco Gauges	●	
Fuel Level Gauge	●	
Hyd. Oil Temperature Gauge	●	
Fuel Warmer	●	
Warnings	●	
Communication Error	●	
Low Battery	●	
Clock	●	
SEAT		
Mechanical Suspension with Heater	●	
Mechanical Suspension without Heater		●
Adjustable Air Suspension without Heater		●
Adjustable Air Suspension with Heater		●
OPERATOR PROTECTIVE STRUCTURES		
General	●	
FOG (Falling Object Guard) ISO 10262 Level2 — Front & Tops Guard		●
FOG (Falling Object Guard) ISO 10262 Level2 — Top Guard		●
CABIN ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structures)	●	

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		●
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		●
Two Outside Rearview Mirror	●	
OTHERS		
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 × 12 V × 200 AH)	●	
Fuel Filler Pump (50 lpm)		●
Single-Acting Piping Kit (Breaker, etc.)		●
Double-Acting Piping Kit (Clamshell, etc.)		●
Rotating Piping Kit		●
Quick Coupler Piping		●
Quick Coupler		●
Accumulator for Lowering Work Equipment	●	
Pattern Change Valve (2 Patterns)		●
Semi-Auto Grease(Pump&Gun)		●
Air Cleaner - Wet		●
Tool Kit		●
ATTACHMENT		
BOOMS		
6.55 m, 21' 6"		●
7.06 m, 23' 2"	●	
9.00 m, 29' 7"		●
ARMS		
2.55 m, 8' 4"		●
2.90 m, 9' 6"		●
3.38 m, 11' 1"	●	
4,00 m, 13' 1"		●
6,00 m, 19' 8"		●
UNDERCARRIAGE		
Lower Frame Under Cover (Additional)		●
Lower Frame Under Cover (Normal)	●	
TRACK SHOES		
Triple Grousers Shoes (600 mm, 24")	●	
Triple Grousers Shoe (700 mm, 28")		●
Triple Grousers Shoe (800 mm, 32")		●
Triple Grousers Shoe (900 mm, 36")		●
Double Grousers Shoe (600 mm, 24")		●
Triple Grousers Shoe HD(600 mm, 24")		●
Full Track Rail Guard		●
3piece Type Track Guard	●	

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of HX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
4. (*) indicates load limited by hydraulic capacity.