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HYUNDAI CONSTRUCTION EQUIPMENT

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PLEASE CONTACT

2021. OCT

HYUNDAI
CONSTRUCTION EQUIPMENT

MOVING YOU FURTHER

Gross Power
250 kW (335 HP) at 2100 rpm

Net Power
246 kW (330 HP) at 2100 rpm

Bucket Capacity
1.00 ~ 3.20 m^3

Operating Weight
52,370 kg

HX520 L

With Tier 3 / Stage IIIA Engine Installed

*Photo may include optional equipment.

RULE THE GROUND

HX520 L

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.

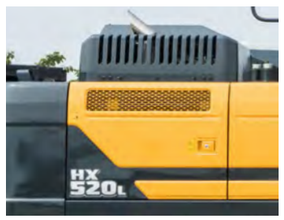
Fuel Rate Information

Durable Cooling Module

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

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 HX520L."

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

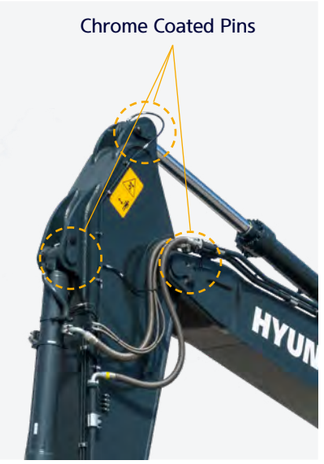
The upper and lower structure and attachments of HX Series have higher durability than demanded on the site, as proven through numerous tests including road tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.

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

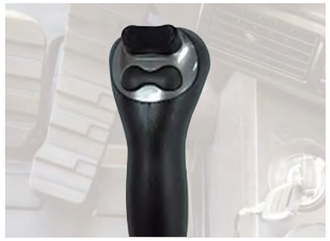
The radio player with a USB-based MP3 player, an integrated Bluetooth hands-free feature, and a built-in microphone allow for phone calls while at work and in transit. The radio player is conveniently located on the right side of the operator to allow for improved access.

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.

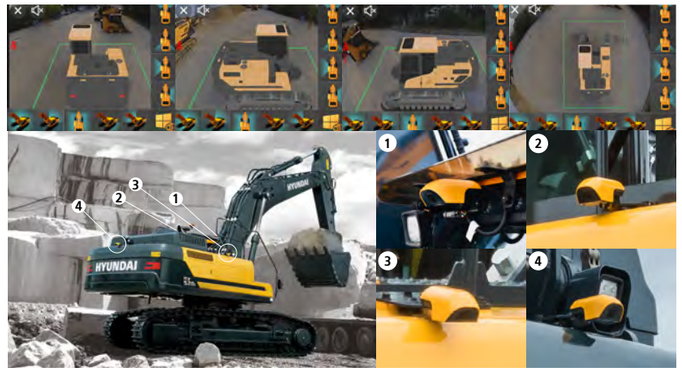
"HX520L with advanced technology ensures our safety on a construction site."

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 (4,694 psi)
Travel	360 kgf/cm² (5,120 psi)
Power Boost (boom, arm, bucket)	360 kgf/cm² (5,120 psi)
Swing Circuit	285 kgf/cm² (4,053 psi)
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-Ø170 × 1,360 mm 1-Ø160 × 1,360 mm 9,000mm (29' 6") Boom & 6,000mm (19' 8") 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)	3.3 km/hr (2.1 mph) / 5.3 km/hr (3.3 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	8.5 rpm

SERVICE REFILL CAPACITIES

	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	3 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")	52,055 (114,760)	0.90 (12.9)
	700 (28")	52,575 (115,910)	0.78 (11.1)
	800 (32")	53,105 (117,080)	0.69 (9.8)
	600HD (24")	52,235 (115,160)	0.91 (12.9)
Double grouser	600 (24")	52,090 (114,840)	0.90 (12.7)

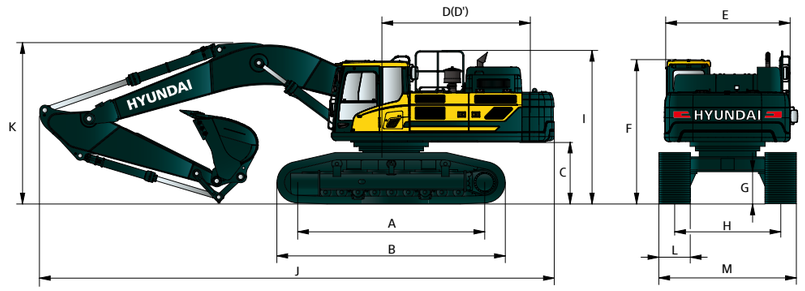
AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a.
(Global Warming Potential : 1430)
The system hold 0.8kg refrigerant consisting of a CO_2 equivalent 1.14kg metric tonne. For more information, Please refer to the manual.

DIMENSIONS & WORKING RANGE

HX520L DIMENSIONS

6.55 m (21' 6"), 7.06 m (23' 2"), 9.0 m (29' 6") BOOM and 2,55 (8' 4"), 2.9 m (9' 6"), 3.38 m (11' 1"), 4.0 m (13' 1"), 6.0 m (19' 8") ARM



Unit : mm (t·in)

A	Tumbler Distance		4,470 (14' 8")
*B	Overall Length of Crawler		5,490 (18' 0")
*C	Ground Clearance of Counter Weight		1,445 (4' 9")
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		3,420 (11' 3")
*G	Min. Ground Clearance		780 (2' 7")
H	Track gauge	Extended	2,940 (9' 8")
		Retracted	2,380 (7' 10")
*I	Overall Height Guardrail		3,600 (11' 10")

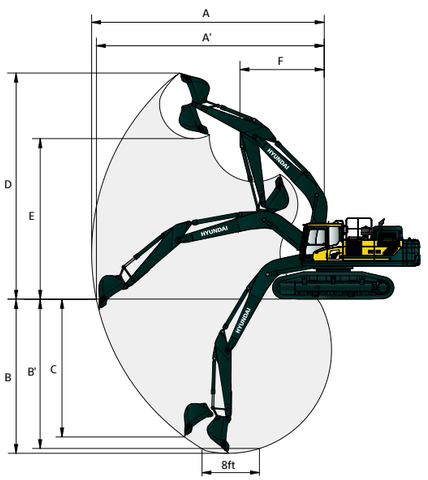
* This figure includes the size of grousers.

	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")
J	Overall Length	11,680 (38' 4")	11,690 (38' 4")	12,200 (40' 0")	12,210 (40' 1")	12,160 (39' 11")	12,150 (39' 10")	14,080 (46' 2")
*K	Overall Height of Boom	3,920 (12' 10")	3,970 (13' 0")	3,830 (12' 7")	3,890 (12' 9")	3,850 (12' 8")	3,980 (13' 1")	3,970 (13' 0")

L	Track Shoe Width	600 (24")	700 (28")	800 (32")
M	Overall gauge Extended	3,540 (11' 7")	3,640 (11' 11")	3,740 (12' 3")
	Overall gauge Retracted	2,980 (9' 9")	3,080 (10' 1")	3,180 (10' 5")

HX520L 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	10,610 (34' 10")	10,890 (35' 9")	11,170 (36' 8")	11,440 (37' 6")	11,840 (38' 10")	12,400 (40' 8")	15,940 (52' 4")
B	Max. digging depth	6,380 (20' 11")	6,730 (22' 1")	6,820 (22' 5")	7,170 (23' 6")	7,650 (25' 1")	8,270 (27' 2")	11,550 (37' 11")
B'	Max. digging depth (8' level)	6,210 (20' 4")	6,570 (21' 7")	6,650 (21' 10")	7,010 (23' 0")	7,510 (24' 8")	8,140 (26' 8")	11,450 (37' 7")
C	Max. vertical wall digging depth	4,760 (15' 7")	4,820 (17' 9")	5,200 (17' 1")	5,630 (18' 6")	5,410 (17' 9")	6,090 (20' 0")	8,580 (28' 2")
D	Max. digging height	10,760 (35' 4")	10,730 (35' 2")	11,150 (36' 7")	11,170 (36' 8")	11,140 (36' 7")	11,410 (37' 5")	13,180 (43' 3")
E	Max. dumping height	7,290 (23' 11")	7,220 (23' 8")	7,680 (25' 2")	7,710 (25' 4")	7,790 (25' 7")	8,000 (26' 3")	9,880 (32' 5")
F	Min. swing radius	4,440 (14' 7")	4,390 (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

HX520L MONO BOOM

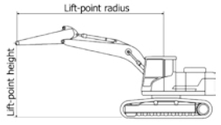
6.55 m (21' 6") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0m	kg											*13,740	*13,740	5.92
29.5ft	lb											*30,290	*30,290	(19.4)
7.5m	kg					*13,220	*13,220					*12,550	*12,550	7.29
24.6ft	lb					*29,150	*29,150					*27,670	*27,670	(23.9)
6.0m	kg					*14,060	*14,060	*12,430	12,150			*12,050	10,550	8.17
19.7ft	lb					*31,000	*31,000	*27,400	26,790			*26,570	23,260	(26.8)
4.5m	kg			*20,650	*20,650	*15,550	*15,550	*13,010	11,830			*11,820	9,390	8.70
14.8ft	lb			*45,530	*45,530	*34,280	*34,280	*28,680	26,080			*26,060	20,700	(28.5)
3.0m	kg					*17,050	15,740	*13,700	11,450			*11,730	8,840	8.94
9.8ft	lb					*37,590	34,700	*30,200	25,240			*25,860	19,490	(29.3)
1.5m	kg					*17,930	15,160	*14,130	11,120			*11,690	8,720	8.93
4.9ft	lb					*39530	33,420	*31,150	24,520			*25,770	19,220	(29.3)
0.0m	kg			*21,780	*21,780	*17,810	14,880	*14,000	10,930			*11,610	9,020	8.66
0.0ft	lb			*48,020	*48,020	*39,260	32,800	*30,860	24,100			*25,600	19,890	(28.4)
-1.5m	kg	*16,090	*16,090	*21,090	*21,090	*16,590	14,850	*12,900	10,920			*11,370	9,900	8.10
-4.9ft	lb	*35,470	*35,470	*46,500	*46,500	*36,570	32,740	*28,440	24,070			*25,070	21,830	(26.6)
-3.0m	kg	*20,140	*20,140	*17,510	*17,510	*13,900	*13,900					*10,640	*10,640	7.18
-9.8ft	lb	*44,400	*44,400	*38,600	*38,600	*30,640	*30,640					*23,460	*23,460	(23.6)
-4.5m	kg													
-14.8ft	lb													

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		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0m	kg											*11,720	*11,720	6.31
29.5ft	lb											*25,840	*25,840	(20.7)
7.5m	kg							*11,790	*11,790			*10,850	*10,850	7.61
24.6ft	lb							*25,990	*25,990			*23,920	*23,920	(25.0)
6.0m	kg					*13,430	*13,430	*11,920	*11,920			*10,600	10,000	8.45
19.7ft	lb					*29,610	*29,610	*26,280	*26,280			*23,370	22,050	(27.7)
4.5m	kg			*19,570	*19,570	*14,950	*14,950	*12,570	11,830			*10,730	8,940	8.97
14.8ft	lb			*43,140	*43,140	*32,960	*32,960	*27,710	26,080			*23,660	19,710	(29.4)
3.0m	kg			*22,960	*22,960	*16,550	15,760	*13,340	11,410	*11,410	87,10	*11,190	8,410	9.21
9.8ft	lb			*50,620	*50,620	*36,490	34,740	*29,410	25,150	*25,150	19,200	*24,670	18,540	(30.2)
1.5m	kg			*19,880	*19,880	*17,610	15,100	*13,890	11,040	*11,490	8,540	*11,210	8,280	9.19
4.9ft	lb			*43,830	*43,830	*38,820	33,290	*30,620	24,340	*25,330	18,830	*24,710	18,250	(30.2)
0.0m	kg			*23,620	22,640	*17,730	14,740	*13,920	10,810			*11,210	8,540	8.93
0.0ft	lb			*52,070	49,910	*39,090	32,500	*30,690	23,830			*24,710	18,830	(29.3)
-1.5m	kg	*17,060	*17,060	*21,710	*21,710	*16,790	14,650	*13,120	10,750			*11,100	9,290	8.39
-4.9ft	lb	*37,610	*37,610	*47,860	*47,860	*37,020	32,300	*28,920	23,700			*24,470	20,480	(27.5)
-3.0m	kg	*22,460	*22,460	*18,470	*18,470	*14,520	*14,520	*10,680	*10,680			*10,650	*10,650	7.51
-9.8ft	lb	*49,520	*49,520	*40,720	*40,720	*32,010	*32,010	*23,550	*23,550			*23,480	*23,480	(24.6)
-4.5m	kg			*13,060	*13,060	*9,620	*9,620					*9,150	*9,150	6.15
-14.8ft	lb			*28,790	*28,790	*21,210	*21,210					*20,170	*20,170	(20.2)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of the 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

HX520L MONO BOOM

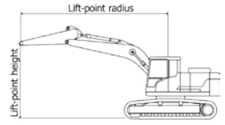
7.06 m (23' 2") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0m	kg											*12,280	*12,280	6.71
29.5ft	lb											*27,070	*27,070	(22.0)
7.5m	kg							*11,560	11,560			*11,450	11,150	7.94
24.6ft	lb							*25,490	*25,490			*25,240	24,580	(26.1)
6.0m	kg					*13,750	*13,750	*11,880	*11,880			*11,080	9,420	8.75
19.7ft	lb					*30,310	*30,310	*26,190	*26,190			*24,430	20,770	(28.7)
4.5m	kg					*15,380	*15,380	*12,620	11,690	*11,070	8,870	*10,910	8,480	9.25
14.8ft	lb					*33,910	*33,910	*27,820	25,770	*24,410	19,550	*24,050	18,700	(30.3)
3.0m	kg					*16,910	15,380	*13,390	11,260	*11,340	8,670	*10,840	8,020	9.48
9.8ft	lb					*37,280	33,910	*29,520	24,820	*25,000	19,110	*23,900	17,680	(31.1)
1.5m	kg					*17,700	14,830	*13,880	10,920	*11,470	8,500	*10,810	79,20	9.47
4.9ft	lb					*39,020	32,690	*30,600	24,070	*25,290	18,740	*23,830	17,460	(31.1)
0.0m	kg					*17,530	14,590	*13,850	10,720	*11,160	8,400	*10,760	8,160	9.21
0.0ft	lb					*38,650	32,170	*30,530	23,630	*24,600	18,520	*23,720	17,990	(30.2)
-1.5m	kg			*20,350	*20,350	*16,450	14,580	*13,080	10,690			*10,600	8,850	8.69
-4.9ft	lb			*44,860	*44,860	*36,270	32,140	*28,840	23,570			*23,370	19,510	(28.5)
-3.0m	kg	*18,970	*18,970	*17,470	*17,470	*14,320	*14,320	*11,040	10,870			*10,090	*10,090	7.84
-9.8ft	lb	*41,820	*41,820	*38,510	*38,510	*31,570	*31,570	*24,340	23,960			*22,240	*22,240	(25.7)
-4.5m	kg			*12,820	*12,820	*10,190	*10,190					*8,660	*8,660	6.55
-14.8ft	lb			*28,260	*28,260	*22,470	*22,470					*19,090	*19,090	(21.5)

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		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0m	kg											*11,430	*11,430	7.08
29.5ft	lb											*25,200	*25,200	(23.2)
7.5m	kg							*10,990	*10,990			*10,780	10,500	8.26
24.6ft	lb							*24,230	*24,230			*23,770	23,150	(27.1)
6.0m	kg					*13,130	*13,130	*11,410	*11,410	*10,500	9,010	*10,480	8,940	9.04
19.7ft	lb					*28,950	*28,950	*25,150	*25,150	*23,150	19,860	*23,100	19,710	(29.7)
4.5m	kg			*20,070	*20,070	*14,790	*14,790	*12,200	11,690	*10,710	8,850	*10,370	8,080	9.52
14.8ft	lb			*44,250	*44,250	*32,610	*32,610	*26,900	25,770	*23,610	19510	*22,860	17,810	(31.2)
3.0m	kg					*16,410	15,390	*13,040	11,220	*11,060	8,610	*10,340	7,640	9.74
9.8ft	lb					*36,180	33,930	*28,750	24,740	*24,380	18,980	*22,800	16,840	(32.0)
1.5m	kg					*17,390	14,750	*13,630	10,840	*11,290	8,400	*10,370	7,520	9.73
4.9ft	lb					*38,340	32,520	*30,050	23,900	*24,890	18,520	*22,860	16,580	(31.9)
0.0m	kg			*15,060	*15,060	*17,450	14,430	*13,740	10,600	*11,160	8,280	*10,380	7,720	9.48
0.0ft	lb			*33,200	*33,200	*38,470	31,810	*30,290	23,370	*24,600	18,250	*22,880	17,020	(31.1)
-1.5m	kg			*21,050	*21,050	*16,610	14,370	*13,170	10,530			*10,310	8,320	8.98
-4.9ft	lb			*46,410	*46,410	*36,620	31,680	*29,030	23,210			*22,730	18,340	(29.5)
-3.0m	kg	*21,360	*21360	*18,340	*18,340	*14,760	14,520	*11,550	10,650			*10,000	9,570	8.16
-9.8ft	lb	*47,090	*47090	*40,430	*40,430	*32,540	32,010	*25,460	23,480			*22,050	21,100	(26.8)
-4.5m	kg			*14,070	*14,070	*11,280	*11,280					*9,020	*9,020	6.93
-14.8ft	lb			*31,020	*31,020	*24,870	*24,870					*19,890	*19,890	(22.7)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of the 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

HX520L MONO BOOM

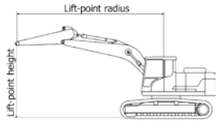
7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0m	kg							*10,020	*10,020			*9,400	*9,400	7.61
29.5ft	lb							*22,090	*22,090			*20,720	*20,720	(25.0)
7.5m	kg							*10,370	*10,370			*8,930	*8,930	8.71
24.6ft	lb							*22,860	*22,860			*19,690	*19,690	(28.6)
6.0m	kg							*10,900	*10,900	*10,010	9,140	*8,830	8,390	9.46
19.7ft	lb							*24,030	*24,030	*22,070	20,150	*19470	18,500	(31.0)
4.5m	kg			*18,770	*18,770	*14,140	*14,140	*11,770	*1,1770	*10,360	8,930	*8,980	7,630	9.92
14.8ft	lb			*41,380	*41,380	*31,170	*31,170	*25,950	*25,950	*22,840	19,690	*19,800	16,820	(32.5)
3.0m	kg					*15,920	15,650	*12,710	1,1350	*10,820	8,680	*9,390	7,230	10.13
9.8ft	lb					*35,100	34,500	*28,020	25,020	*23,850	19,140	*20,700	15,940	(33.2)
1.5m	kg					*17,160	14,930	*13,450	10,930	*11,170	8,440	*9,890	7,120	10.12
4.9ft	lb					*37,830	32,910	*29,650	24,100	*24,630	18,610	*21,800	15,700	(33.2)
0.0m	kg			*17,510	*17,510	*17,540	14,520	*13,750	10,640	*11,230	8,270	*9,970	7,270	9.88
0.0ft	lb			*38,600	*38,600	*38,670	32,010	*30,310	23,460	*24,760	18,230	*21,980	16,030	(32.4)
-1.5m	kg	*12,800	*12,800	*22,130	*22,130	*17,010	14,380	*13,420	10,510	*10,720	8,220	*10,000	7,770	9.40
-4.9ft	lb	*28,220	*28,220	*48,790	*48,790	*37,500	31,700	*29,590	23,170	*23,630	18,120	*22,050	17,130	(30.8)
-3.0m	kg	*21,350	*21,350	*19,710	*19,710	*15,510	14,460	*12,210	10,560			*9,880	8,800	8.62
-9.8ft	lb	*47,070	*47,070	*43,450	*43,450	*34,190	31,880	*26,920	23,280			*21,780	19,400	(28.3)
-4.5m	kg	*19,320	*19,320	*15,920	*15,920	*12,650	*12,650					*9,320	*9,320	7.47
-14.8ft	lb	*42,590	*42,590	*35,100	*35,100	*27,890	*27,890					*20,550	*20,550	(24.5)
-6.0m	kg													
-19.7ft	lb													

7.06 m (23' 2") boom, 4.00 m (11' 1") arm equipped with 800 mm (32") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius												At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		Capacity		Reach
																		m (ft)
9.0m	kg															*7,310	*7,310	8.33
29.5ft	lb															*16,120	*16,120	(27.3)
7.5m	kg											*8,630	*8,630			*6,990	*6,990	9.35
24.6ft	lb											*19,030	*19,030			*15,410	*15,410	(30.7)
6.0m	kg									*10,230	*10,230	*9,440	9,320			*6,930	*6,930	10.05
19.7ft	lb									*22,550	*22,550	*20,810	20,550			*15,280	*15,280	(33.0)
4.5m	kg							*13240	*13240	*11,170	*11,170	*9,910	9,080			*7,050	*7,050	10.48
14.8ft	lb							*29190	*29190	*24,630	*24,630	*21,850	20,020			*15,540	*15,540	(34.4)
3.0m	kg					*20,970	*20,970	*15180	*15180	*12,230	11,530	*10,470	8,790	*8,810	6,910	*7,350	6,720	10.69
9.8ft	lb					*46,230	*46,230	*33470	*33470	*26,960	25,420	*23,080	19,380	*19,420	15,230	*16,200	14,820	(35.1)
1.5m	kg					*19,680	*19,680	*16710	15170	*13,130	11,060	*10,960	8,510	*9,440	6,770	*7,860	6,610	10.67
4.9ft	lb					*43,390	*43,390	*36840	33440	*28,950	24,380	*24,160	18,760	*20,810	14,930	*17,330	14,570	(35.0)
0.0m	kg					*19,280	*19,280	*17450	14640	*13,650	10,710	*11,200	8,300			*8,670	6,720	10.45
0.0ft	lb					*42,510	*42,510	*38470	32280	*30,090	23,610	*24,690	18,300			*19,110	14,820	(34.3)
-1.5m	kg			*12,650	*12,650	*23,060	22,240	*17320	14390	*13,600	10,510	*11,010	8,190			*9,490	7,120	9.99
-4.9ft	lb			*27,890	*27,890	*50,840	49,030	*38180	31720	*29,980	23,170	*24,270	18,060			*20,920	15,700	(32.8)
-3.0m	kg			*19,040	*19,040	*21,120	*21,120	*16250	14370	*12,810	10,490	*10,030	8,210			*9,500	7,910	9.27
-9.8ft	lb			*41,980	*41,980	*46,560	*46,560	*35830	31680	*28,240	23,130	*22,110	18,100			*20,940	17,440	(30.4)
-4.5m	kg			*23,200	*23,200	*17,930	*17,930	*14030	*14030	*10,830	10,660					*9,250	*9,250	8.21
-14.8ft	lb			*51,150	*51,150	*39,530	*39,530	*30930	*30930	*23,880	23,500					*20,390	*20,390	(26.9)
-6.0m	kg					*12,760	*12,760	*9770	*9770							*8,240	*8,240	6.65
-19.7ft	lb					*28,130	*28,130	*21540	*21540							*18,170	*18,170	(21.8)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of the 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.



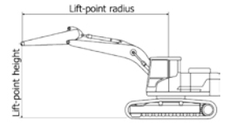
Rating over-front Rating over-side or 360 degree

HX520L MONO BOOM

9.00 m (29' 6") 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		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		12.0m (39.4ft)		13.5m (44.3ft)		Capacity		Reach
																				m (ft)
10.5m	kg																	*4,050	*4,050	11.58
34.4ft	lb																	*8,930	*8,930	(38.0)
9.0m	kg															*4,970	*4,970	*3,950	*3,950	12.52
29.5ft	lb															*10,960	*10,960	*8,710	*8,710	(41.1)
7.5m	kg													*5,950	*5,950	*5,630	*5,630	*3,940	*3,940	13.22
24.6ft	lb													*13,120	*13,120	*12,410	*12,410	*8,690	*8,690	(43.4)
6.0m	kg													*6,290	*6,290	*5,830	*5,830	*4,580	*4,580	*3,990	*3,990	13.71
19.7ft	lb													*13,870	*13,870	*12,850	*12,850	*10,100	*10,100	*8,800	*8,800	(45.0)
4.5m	kg									*8,870	*8,870	*7,590	*7,590	*6,720	*6,720	*6,080	5,700	*5,580	4,570	*4,120	*4,120	14.03
14.8ft	lb									*19,550	*19,550	*16,730	*16,730	*14,820	*14,820	*13,400	12,570	*12,300	10,080	*9,080	*9,080	(46.0)
3.0m	kg					*18,150	*18,150	*12,750	*12,750	*9,970	*9,970	*8,290	*8,290	*7,160	6,840	*6,370	5,480	*5,760	4,430	*4,320	4,030	14.19
9.8ft	lb					*40,010	*40,010	*28,110	*28,110	*21,980	*21,980	*18,280	*18,280	*15,790	15,080	*14,040	12,080	*12,700	9,770	*9,520	8,880	(46.5)
1.5m	kg					*9,590	*9,590	*14,260	*14,260	*10,930	10,670	*8,920	8,210	*7,580	6,510	*6,620	5,260	*5,900	4,300	*4,610	3,930	14.18
4.9ft	lb					*21,140	*21,140	*31,440	*31,440	*24,100	23,520	*19,670	18,100	*16,710	14,350	*14,590	11,600	*13,010	9,480	*10,160	8,660	(46.5)
0.0m	kg					*9,080	*9,080	*15,140	13,710	*11,610	10,080	*9,400	7,800	*7,900	6,230	*6,820	5,070	*5,960	4,180	*5,000	3,920	14.01
0.0ft	lb					*20,020	*20,020	*33,380	30,230	*25,600	22,220	*20,720	17,200	*17,420	13,730	*15,040	11,180	*13,140	9,,220	*11,020	8,640	(46.0)
-1.5m	kg	*4,880	*4,880	*6,310	*6,310	*10,540	*10,540	*15,390	13,250	*11,930	9,680	*9660	75,00	*8,070	6,010	*6,890	4,920	*5,900	4,100	*5,560	4,020	13.67
-4.9ft	lb	*10,760	*10,760	*13,910	*13,910	*23,240	*23,240	*33,930	29,210	*26,300	21,340	*21,300	16,530	*17,790	13,250	*15,190	10,850	*13,010	9,040	*12,260	8,860	(44.9)
-3.0m	kg	*7,270	*7,270	*8,890	*8,890	*12,910	*12,910	*15,110	13,060	*11,880	9,470	*9,650	7,320	*8,030	5,880	*6,770	4,840			*5,880	4,230	13.16
-9.8ft	lb	*16,030	*16,030	*19,600	*19,600	*28,460	*28,460	*33,310	28,790	*26,190	20,880	*21,270	16,140	*17,700	12,960	*14,930	10,670			*12,960	9,330	(43.2)
-4.5m	kg	*9,770	*9,770	*11,720	*11,720	*16,010	*16,010	*14,330	13,060	*11,420	9,420	*9,320	7,260	*7,710	5,840	*6,360	4,840			*5,960	46,10	12.44
-14.8ft	lb	*21,540	*21,540	*25,840	*25,840	*35,300	*35,300	*31,590	28,790	*25,180	20,770	*20,550	16,010	*17,000	12,870	*14,020	10,670			*13,140	10,160	(40.8)
-6.0m	kg	*12,520	*12,520	*14,980	*14,980	*16,550	*16,550	*13,030	*13,030	*10,510	9,500	*8,580	7,320	*6,980	5,910					*5,970	5,250	11.48
-19.7ft	lb	*27,600	*27,600	*33,030	*33,030	*36,490	*36,490	*28,730	*28,730	*23,170	20,940	*18,920	16,140	*15,390	13,030					*13,160	11,570	(37.6)
-7.5m	kg			*17,690	*17,690	*13,760	*13,760	*11,070	*11,070	*8,990	*8,990	*7,230	*7,230							*5,850	*5,850	10.20
-24.6ft	lb			*39,000	*39,000	*30,340	*30,340	*24,410	*24,410	*19,820	*19,820	*15,940	*15,940							*12,900	*12,900	(33.5)
-9.0m	kg					*9,860	*9,860	*8,140	*8,140	*64,90	*6,490									*5,350	*5,350	8.48
-29.5ft	lb					*21,740	*21,740	*179,50	*17,950	*14,310	*14,310									*11,790	*11,790	(27.8)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of the 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

	GP	HD	Rock-HD	Rock-HD(Special)	Rock-HD(Special)
SAE heaped	1.00 (1.31)	2.43 (3.18)	2.20 (2.88)	1.81 (2.37)	2.70 (3.53)
m^3 (yd^3)	1.38 (1.80)	3.20 (4.19)	2.43 (3.18)		3.00 (3.92)
	2.20 (2.88)		2.79 (3.65)		
	2.79 (3.65)		3.20 (4.19)		
	3.00 (3.92)				

Capacity m^3 (yd^3) SAE Heaped	Capacity m^3 (yd^3) CECE Heaped	Width mm (in)	Weight kg (lb)	Tooth (EA)	Recommendation mm (ft.in) 6,550 (21' 6") Boom 2,550 (8' 4") Arm	6,550 (21' 6") Boom 2,900 (9' 6") Arm	7,060 (23' 2") Boom 2,550 (8' 4") Arm	7,060 (23' 2") Boom 2,900 (9' 6") Arm	7,060 (23' 2") Boom 3,380 (11' 1") Arm	7,060 (23' 2") Boom 4,000 (13' 1") Arm	9,000 (29' 6") Boom 6,000 (19' 8") Arm
(G) 1.00 (1.31)	0.90 (1.18)	940 (37.0")	1,425 (3,140)	3	●	●	●	●	●	●	●
(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) 2.79 (3.65)	2.46 (3.22)	1,795 (70.7")	2,295 (5,060)	5	●	●	◐	◐	◐	■	×
(G) 3.00 (3.92)	2.64 (3.45)	1,905 (75.0")	2,425 (5,350)	6	●	◐	◐	■	■	▲	×
(H) 2.43 (3.18)	2.11 (2.76)	1,745 (68.7")	2,445 (5,390)	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 (68.7")	2,730 (6,020)	5	●	●	●	●	◐	×	×
(R) 2.79 (3.65)	2.46 (3.22)	1,795 (70.7")	2,970 (6,550)	5	●	◐	◐	◐	■	×	×
(R) 3.00 (3.92)	2.64 (3.45)	1,905 (75.0")	3,115 (6,870)	6	◐	◐	■	■	■	×	×
(R) 3.20 (4.19)	2.82 (3.69)	2,015 (79.3")	3,235 (7,130)	6	◐	■	■	■	▲	×	×
(R) 1.81 (2.37)	1.50 (1.96)	1,325 (52.2")	2,685 (5,920)	4	●	●	●	●	●	×	×
(R) 2.70 (3.53)	2.39 (3.13)	1,760 (69.3")	2,755 (6,070)	5	●	●	◐	◐	■	×	×
(R) 3.00 (3.92)	2.76 (3.61)	1,955 (77.0")	3,040 (6,700)	6	◐	◐	■	■	■	×	×

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

● : Applicable for materials with density of 2,100 kg/m^3 (3,500 lb/yd^3) or less
◐ : Applicable for materials with density of 1,800 kg/m^3 (3,000 lb/yd^3) or less
■ : Applicable for materials with density of 1,500 kg/m^3 (2,500 lb/yd^3) or less
▲ : Applicable for materials with density of 1,200 kg/m^3 (2,000 lb/yd^3) 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)	4,250 (9,370)		4,420 (9,460)				5,040 (11,100)	
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 (5,840)	2,450 (5,400)	2,650 (5,840)	2,650 (5,890)	2,730 (6,020)	3,260 (7,190)	
Bucket Digging Force	SAE	kN	240.3 [262.1]	240.3 [262.1]	240.3 [262.1]	240.3 [262.1]	240.3 [262.1]	240.3 [262.1]	212.8	[ ]: Power Boost
		kgf	24,500 [26,730]	24,500 [26,730]	24,500 [26,730]	24,500 [26,730]	24,500 [26,730]	24,500 [26,730]	21,700	
		lbf	54,010 [58,930]	54,010 [58,930]	54,010 [58,930]	54,010 [58,930]	54,010 [58,930]	54,010 [58,930]	47,840	
	ISO	kN	279.5 [304.9]	279.5 [304.9]	279.5 [304.9]	279.5 [304.9]	279.5 [304.9]	279.5 [304.9]	247.1	
		kgf	28,500 [31,090]	28,500 [31,090]	28,500 [31,090]	28,500 [31,090]	28,500 [31,090]	28,500 [31,090]	25,200	
		lbf	62,830 [68,540]	62,830 [68,540]	62,830 [68540]	62,830 [68540]	62,830 [68540]	62,830 [68540]	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	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control	●	
Hyundai Bio Hydraulic Oil (HBHO)		●
CAB & INTERIOR		
ISO STANDARD CABIN		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 volt power outlet (24V DC to 12V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Safety glass - Tempered glass	●	
Safety glass - Tempered glass with front laminated glass		●
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	●	
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 - 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	●	
Cabin lights		●
Cabin front window rain guard		●
Cabin roof-steel cover		●
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 lamp	●	
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Safety lock valve for boom cylinder with overload warning device		●
Safety lock valve for arm cylinder		●
Swing Lock System		●
Three outside rearview mirror	●	
ATTACHMENT		
BOOMS		
6.55m, 21' 6"		●
7.06m, 23' 2"	●	
9.00m, 29' 6"		●
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"		●
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		●
UNDERCARRIAGE		
Lower Frame Under Cover (Additional)		●
Lower Frame Under Cover (Normal)	●	
TRACK SHOES		
Triple Grouser Shoe (600 mm, 24")	●	
Triple Grouser Shoe (700 mm, 28")		●
Triple Grouser Shoe (800 mm, 32")		●
Triple Grousers Shoe HD(600 mm, 24")		●
Double Grouser Shoe (600 mm, 24")		●
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.