

DIGGING FORCE

www.hd-hyundaice.com

DIGGING FORCE									
Boom	Length	mm (ft.in)	6,550 (21' 6")		7,060 (23' 2")			9,000 (29' 6")	Remark
	Weight	kg (lb)	4,411 (9,720)		4,422 (9,750)			5,076 (11,190)	
Arm	Length	mm (ft.in)	2,550 (8' 4")	2,550 (8' 4")	2,900 (9' 6")	3,380 (11' 0")	4,000 (13' 1")	6,000 (19' 8")	Remark
	Weight	kg (lb)	2,726 (6,010)	2,726 (6,010)	2,931 (6,460)	2,950 (6,500)	3,002 (6,620)	3,556 (7,840)	
Bucket Digging Force (HX480AL)	SAE	kN	251.1 [273.9]	222.4 [242.6]	222.4 [242.6]	222.4 [242.6]	223.8 [244.1]	212.8	[]: Power Boost
		kgf	25,600 [27,930]	22,680 [24,740]	22,680 [24,740]	22,680 [24,740]	22,820 [24,890]	21,700	
		lbf	56,440 [61,580]	50,000 [54,540]	50,000 [54,540]	50,000 [54,540]	50,300 [54,870]	47,840	
	ISO	kN	288.4 [314.6]	255.5 [278.7]	255.5 [278.7]	255.5 [278.7]	257.0 [280.4]	247.1	
		kgf	29,410 [32,080]	26,050 [28,420]	26,050 [28,420]	26,050 [28,420]	26,210 [28,590]	25,200	
		lbf	64,830 [70,720]	57,430 [62,660]	57,430 [62,660]	57,430 [62,660]	57,780 [63,030]	55,560	
Bucket Digging Force (HX520AL)	SAE	kN	251.1 [273.9]	251.1 [273.9]	251.1 [273.9]	251.1 [273.9]	252.6 [275.6]	212.8	
		kgf	25,600 [27,930]	25,600 [27,930]	25,600 [27,930]	25,600 [27,930]	25,760 [28,100]	21,700	
		lbf	56,440 [61,580]	56,440 [61,580]	56,440 [61,580]	56,440 [61,580]	56,790 [61,950]	47,840	
	ISO	kN	288.4 [314.6]	288.4 [314.6]	288.4 [314.6]	288.4 [314.6]	290.1 [316.5]	247.1	
		kgf	29,410 [32,080]	29,410 [32,080]	29,410 [32,080]	29,410 [32,080]	29,580 [32,270]	25,200	
		lbf	64,830 [70,720]	64,830 [70,720]	64,830 [70,720]	64,830 [70,720]	65,220 [71,150]	55,560	
Arm	SAE	kN	241.4 [263.4]	241.4 [263.4]	223.4 [243.7]	202.6 [221.0]	176.8 [192.9]	127.5	
		kgf	24,620 [26,860]	24,620 [26,860]	22,780 [24,850]	20,660 [22,540]	18,030 [19,670]	13,000	
		lbf	54,280 [59,210]	54,280 [59,210]	50,230 [54,790]	45,550 [49,690]	39,740 [43,360]	28,660	
	ISO	kN	249.6 [272.2]	249.6 [272.2]	230.1 [251.0]	207.7 [226.6]	181.1 [197.6]	130.4	
		kgf	25,450 [27,760]	25,450 [27,760]	23,460 [25,590]	21,180 [23,110]	18,470 [20,150]	13,300	
		lbf	56,100 [61,200]	56,100 [61,200]	51,720 [56,420]	46,690 [50,950]	40,720 [44,430]	29,320	

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



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PLEASE CONTACT

2026. MAR

THE NEW

HX480A L / HX520A L

With EU Stage V Engine Installed

* Photo may include optional equipment.



Gross Power
 298 kW (400 HP) at 2,100 rpm

Net Power
 295 kW (395 HP) at 2,100 rpm

Bucket Capacity
 48 ton : 1.38 m³~3.20 m³
 52 ton : 1.00 m³~3.20 m³

Operating Weight
 48 ton : 50,200 kg
 52 ton : 53,560 kg

HYUNDAI

WHAT'S NEWEST AND BEST

HX480A L
HX520A L

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- EU STAGE V Engine
- Eco Report
- Lifting Mode
- IPC (Intelligent Power Control)
- Quick Coupler Piping
- Fuel Rate Information
- Eco Gauge
- Automatic Engine Shutdown

NEW EXTERIOR AND INTERIOR

- LH Tilting Console **NEW**
- 10" 2nd Monitor **NEW** **Option**
- Dual USB-C/A Port **NEW**
- New Cabin Interior Pattern
- New Cowl Design **NEW**
- 4 Cabin Front Light **NEW** **Option**
- Half bar beacon lamp **NEW** **Option**
- Additional Cowl RH Safety Handle **NEW**

NEW EXTERIOR DESIGN FOR ROBUSTNESS AND SAFETY

- Side Protector **Option**
- ROPS/FOG/FOPS **Option**
- Reinforced Durability of Upper and Lower Structure and Attachments
- Durable Cooling Module
- Reinforced Pin, Bush and Polymer Shim
- Wear Resistant Cover Plate
- Reinforced Travel Motor **NEW** **Option**
- Boom Cylinder Bush reinforced **NEW**

NEW TECHNOLOGY FOR YOUR COMFORT

- 2D MG+ **NEW** **Option**
- Breaker assist **NEW** **Option**
- Full Autogrease System **Option**
- Engine Oil Quick Fit **NEW** **Option**
- Engine Preheating System

THE ULTIMATE SAFE ENVIRONMENT

- Auto Safety Lock
- Electronic Swing Parking Brake
- AAVM **Option**
- Seatbelt Warning Alarm
- Cabin Suspension Mount

EASY CONTROL AND COMFORTABLE OPERATION

- Visibility and Handle Improvement
- Key On Init Work Mode
- One Pedal Travel Straight **Option**
- Proportional Auxiliary Hydraulic System **Option**
- Fine(Cushion/Free) Swing Control **Option**
- Integrated Audio System **Option**
- Intelligent & Wide Cluster **NEW**
- Jog Dial Module
- OME (Owner Menu Editing)

SERVICEABILITY AND TELEMATICS

- ECD (Engine Connected Diagnostics) **Option**
- Hi MATE **Option**
- Mobile Fleet App **Option**
- Unnecessary Regular DPF Cleaning Service Interval



* Photo may include optional equipment.

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

HX A Series is equipped with eco-friendly, high-performance engines that meet the EU Stage V emission requirements.

BETTER FUEL-EFFICIENCY
(Compared to HX Series)



* Photo may include optional equipment.

ENVIRONMENTALLY FRIENDLY FUEL EFFICIENCY

Eco Report

It reports the excavator's inefficient operation status and help improving operator's working habit.



Fuel Rate Information

Fuel information is displayed as average rate and latest fuel consumed for guiding to economy operating.



Eco Gauge

Gauge level changes in accordance with engine working load and color indicates fuel saving-operation status.



Automatic Engine Shutdown

Adjustable 'Automatic Engine Shutdown' significantly reduces idle time, overall operating hours and fuel consumption.



In the new HX480/520AL, HD HYUNDAI enhances the productivity about 2~3% at a same fuel consumption.



EU STAGE V Engine

'Cummins X12' engine meeting Euro Stage V emission regulations is designed for maximum productivity and fuel efficiency.

IPC (Intelligent Power Control)

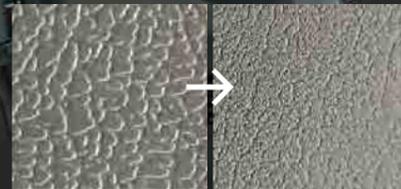
HX A Series adopts the upgraded IPC system. It is able to optimize pump flow rate and power at the various working condition through the individual pump control. Furthermore, optimized design of MCV and pipe line minimizes energy loss such as conflux and throttle loss.



Lifting Mode

This work mode improves fine operability and lift capability through RPM reduction, power boost activation and pump flow control.

NEW EXTERIOR AND INTERIOR



New Cabin Interior Pattern **NEW**

By changing the cabin interior pattern, NEW HX480/520AL will show a luxurious and calm feeling.

* Photo may include optional equipment.



New Cowl Design **NEW**

New Cowl design will differentiate new HX480/520AL against old machine. New two-tone color and vent hole shape applied.



A 10" 2nd Monitor **NEW** Option

With more wide and high definition 2nd monitor, it provides more clear intuitive visibility. It becomes brighter and also has function of screen touch manipulation.



B Dual USB-C/A Port **NEW**

We provide both of USB-C/A charging ports so that the operators can easily charge the various type of electronic devices.



C LH Tilting Console **NEW**

Tilting console will give more space when operators get in and out of cabin.



4 Cabin Front Light **NEW** Option

We add new 4 cabin front light so that it can be used in the more brighter environment. It will help to operate the machine with more good visibility and ensure the better safety.



Half bar beacon lamp

NEW Option

New half bar beacon lamp applied. Beacon lamps located at the top of each 4 corner of the cabin are more easy to check at the outside of the machine than the old one. And it has better design that differentiate new HX480/520AL machine



Additional Cowl RH Safety Handle **NEW**

For operator comfort during the maintenance work at the pump room, we add Cowl RH safety handle.

We make the best performance in rough working conditions without any unsureness with trustworthy HX480A L / HX520A L

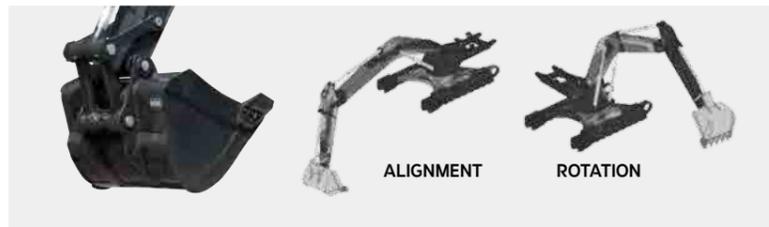
HX A Series is equipment with eco-friendly, high-performance engines that meet the EU Stage V emission requirement. Become a true leader on the ground with HX Series.

Removal CWT



Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of HX A 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.



Travel Motor Reinforced NEW Option

The New HX480/520AL has reinforced heavy duty travel motor by enhancing the lubrication performance. Travel Motor's Valve plate and cylinder block material has been changed to copper plated steel material. (EHM05 Option)



Boom Cylinder Bush reinforced NEW

In the new HX480/520AL model, it applied 20 mm thicker boom cylinder bush to lower the pressure so that it can prevent abrasion



Durable Cooling Module

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

NEW EXTERIOR DESIGN FOR ROBUSTNESS AND SAFETY

The true value of HX A Series lies in its durability and high productivity. The robust upper and lower frame structure can endure external shock and heavy work loads. Attachment performance has been proven through rigorous field testing. No matter how tough the working environment is, you can always rely on the HYUNDAI Excavator HX A Series.



* Photo may include optional equipment.

NEW TECHNOLOGY FOR YOUR COMFORT

* Photo may include optional equipment.



Engine Preheating System

In case of engine works at low temperature, fuel consumption rate goes bad and it will exhaust more fume. To prevent it, HX480/520A engine rpm will increase into 1,200 automatically When the coolant's temperature is lower than 30 °C.



2D MG+ **NEW** Option

HX480/520AL provides 2D MG+ option that applicable 3D MC (Trimble) It measures the location of the machine and bucket with work result at a 3D map and Drawing. Without staking, operator can check the 3D drawing through the monitor during operating the machine. So, There is no need for intermediate measurements during the operation.

Breaker Assist **Option**



Green Lamp ⇒ Auto Breaker Activated
Amber Lamp ⇒ Auto Blank fire Activated
Lamp Off ⇒ Breaker Assist Function Off



Auto Breaker

In the past, operator controlled the performance of the breaker operation by considering whether the breaker is in contact with the ground or whether the angle of the breaker is vertical. But, Auto Breaker provides the function of breaker automatically during jack-up motion even when there is no separate operation input when entering the breaker mode. Auto Breaker is automatically activated when the boom head/rod pressure difference meets the set sensitivity what operator can adjust.

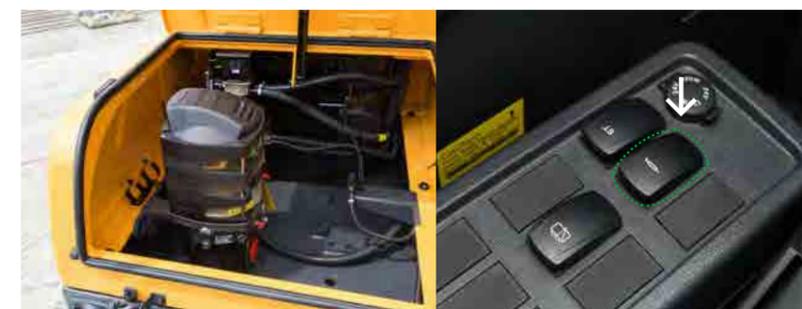
Anti Blank Fire

It provides safety/durability protection that allows the breaker to operate only when the object is in contact.

* Only Available with 1-way break piping option"

Full Auto-Grease **Option**

- Full Auto-Grease works only when the operator turn the key on and it greases at each point at a regular interval.
- By adjusting the controller, the operator can reset the greasing interval.
- If any of the greasing points are blocked or the system is damaged, the system will be automatically shut down



Engine Oil Quick Fit **NEW** Option

It helps the fast engine oil draining & refilling, so it reduces the the draining & refilling time into about 50%. It also ensure the clean maintenance environment by preventing spilling of dirty draining engine oil .



* Photo may include optional equipment.

13%

CABIN SPACE FOR DRIVERS INCREASED BY



EASY CONTROL AND COMFORTABLE OPERATION

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 A Series is designed with the operator in mind.

310mm
340mm

A Intelligent & Wide Cluster **NEW**

New cluster gauge panel and GUI applied in the new HX480/520AL machine. Fuel information is displayed as average rate and latest fuel consumed for guiding to economy operating.



B One Pedal Travel Straight **Option**

Fuel information is displayed as average rate and latest fuel consumed for guiding to economy operating.



C Proportional Auxiliary Hydraulic System

Proportional control switch with better speed control helps operators to enlarge the operation convenience whenever they do time-consuming work. Newly added detent function allows an operator to continue using 2 way piping flow even if the operator does not keep pressing proportional control switch.

D Jog Dial Module

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



Visibility and Handle Improvement

Visibility through cabin door is improved and handle design on the cabin door is also improved and offers better convenient while operator get on and off the cabin.



Key On Init Work Mode

Operator can maintain previously set about attachment mode when starting.



Integrated Audio System **Option**

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.



OME(Owner Menu Editing)

The owner of machine can restrict operators access the set of functions. In the menu, owner can set the list of the function to lock or unlock it. It is necessary to input the password to access the set of function.



Fine Swing Control **Option**

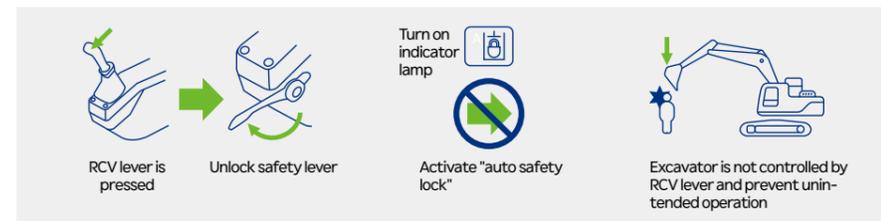
This option enables smooth movement at the start and stop of swing operation(Cushion Swing). In addition, it reduces the shaking of the weight when lifting operation(Free Swing).

HX480A L / HX520A L with advanced technology ensures our safety on a construction site.

HX A 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 A Series reflects customers' needs in the field gleaned by thorough monitoring.

Auto Safety Lock

It prevents unintended operation. If operator unlock safety lever when RCV lever is pressed, excavator is not controlled by RCV lever.



AAVM(Advanced Around View Monitoring) Camera System Option

HX A 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.



Electronic Swing Parking System

An electronic valve and control system is applied to improve safety and utilization. The opening and closing time of the swing brake valve is controlled according to the sensing and control system.

Seatbelt Warning Alarm

If the seatbelt is not buckled when the ignition key is turned, an alarm is triggered in intervals along with a continuous visual alert. This emphasises our priority for operator safety.

Cabin Suspension Mount

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

THE ULTIMATE SAFE ENVIRONMENT

The true value of HX A Series lies in its durability. The robust frame structure and the attachments show the real value of HX A Series in tough working environments and promise higher productivity.



* Photo may include optional equipment.

SERVICEABILITY AND TELEMATICS

IoT / ICT / AI-based digital technology.
Creating a smart construction site. Maximizes connectivity, productivity, and safety for successful businesses.



* Photo may include optional equipment.

Hi MATE

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 ctual 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 Geo-fence boundary, you will get alerts.

ECD(Engine Connected Diagnostics) Option

ECD will support the after sales technicians and dealers with a diagnostics report (via e-mail, mobile, app or Hi MATE) on the engine performance. This will help after sales technicians arrive on site with the necessary tools and parts to fix troubles in one visit.

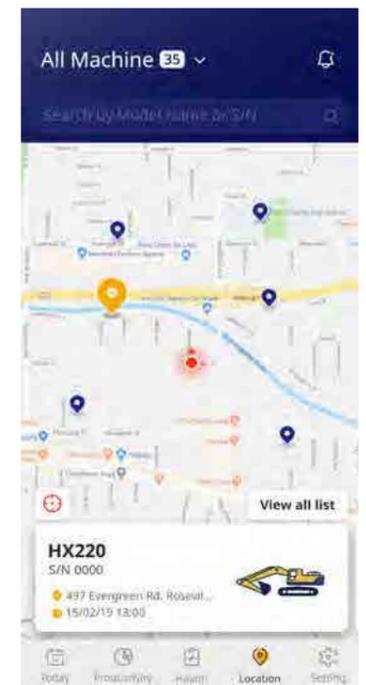
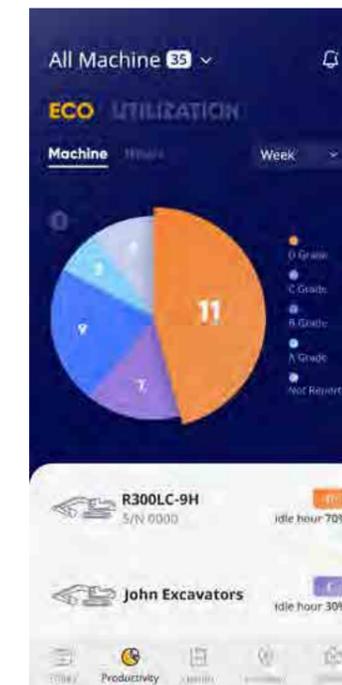
ECD is an integrated remote diagnostics service between Cummins cloud and Hi MATE cloud.

We are all connected



Mobile Fleet App. Option

The new Mobile App is optimized to fleet management. It provides productivity, health insights based on telematics technology and enables fleet owner just focus on most wanted equipment in view of economical usage, utilization, fault codes and maintenance.



'Hi MATE Fleet Manager' App

SPECIFICATIONS

ENGINE	HX480A L	HX520A L
Maker / Model	CUMMINS / X12	
Type	6 cylinder, water cooled, 4-cycle, turbocharged charge air cooled, direct injection, electronic controlled diesel engine.	
Gross Power	298 kW (400 hp) at 2,100 rpm	
Net Power	295 kW (395 hp) at 2,100 rpm	
Max. Power	301kW (404 hp) at 1,900 rpm	
Peak Torque	1,898 N·m at 1,400 rpm	
Displacement	11.8 l	
Operating Altitude (w/o derate)	2,000 m	

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement axis piston pumps
Max. flow	2 x 390 lpm (Main pump) 1 x 24 lpm (Gear pump)
Sub-Pump For Pilot Circuit	Gear pump

HYDRAULIC MOTORS

Travel	Two fixed displacement axial piston motors
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING

Implement Circuits	330 kgf/cm ² (4,694 psi)
Travel	360 kgf/cm ² (5,120 psi)
Power Boost (Boom, Arm, Bucket)	360 kgf/cm ² (5,120 psi)
Swing Circuit	285 kgf/cm ² (4,053 psi)
Pilot Circuit	40 kgf/cm ² (569 psi)
Service Valve	Installed

HYDRAULIC CYLINDERS

No. of Cylinder Bore X Stroke	Boom 2-Ø 170 × 1,580 mm
	Arm 1-Ø 190 × 1,850 mm
	Bucket 1-Ø 170 × 1,360 mm (HX520AL, excl. 9m Boom & 6m Arm)
	Bucket 1-Ø 160 × 1,360 mm (HX480AL)

Cross-sensing and fuel saving pump system.

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)	3.3km/hr (2.1mph) 5.3km/hr (3.3mph)
Gradeability	35° (70 %)
Parking brake	Multi wet disc

CONTROLS

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.

Pilot control	Two joysticks with one safety lever (LH) : Arm and Swing (RH) : Boom and Bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, dial type

SWING SYSTEM	HX480A L	HX520A L
Swing Motor	Axial piston motor	
Swing Reduction	Planetary gear reduction	
Swing Bearing Lubrication	Grease-bathed	
Swing Brake	Multi wet disc	
Swing Speed	9.0 rpm	

COOLANT & LUBRICANT CAPACITY

Max. flow	liter	US gal	UK gal
Fuel Tank	600	158.4	131.9
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
Def/Adblue	70	18.4	15.3

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	53 EA
No. of Carrier Rollers on Each Side	HX480AL : 2EA HX520AL : 3EA
No. of Track Rollers on Each Side	9 EA
No. of Rail Guards on Each Side	2 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 7060 mm boom, 3380 mm arm, SAE heaped 2.2 m³ bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

Model	HX480AL		HX520AL		
	Width	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
Triple Grouser	600	50,200 kg	0.87 kgf/cm ²	53,560 kg	0.93 kgf/cm ²
	700	50,710	0.75	54,070	0.80
	800	51,220	0.67	54,580	0.71
	900	51,740	0.60	-	-
Double Grouser	600	50,250	0.87	53,620	0.93
	700	50,840	0.76	54,210	0.81

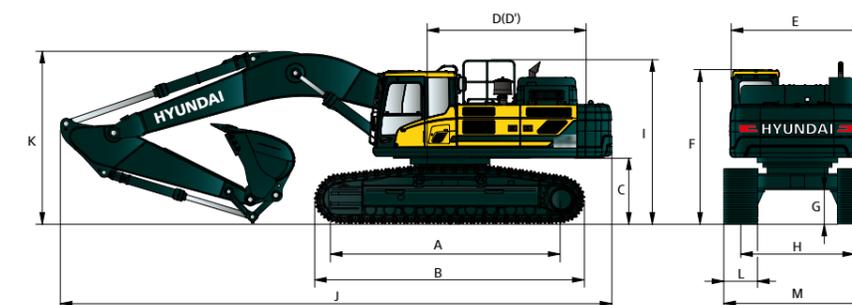
AIR CONDITIONING SYSTEM

The air conditioning system contains fluorinated greenhouse gas refrigerant R134a(Global Warming Potential = 1430). The system contains 0.80 kg of refrigerant representing a CO2 equivalent of 1.14 metric tonnes.

DIMENSIONS

HX480A L DIMENSIONS

6.55 m, 7.06 m, 9.0 m boom and 2.55 m, 2.9 m, 3.38 m, 4.0 m, 6.0 m arm



Unit : mm (ft/in)

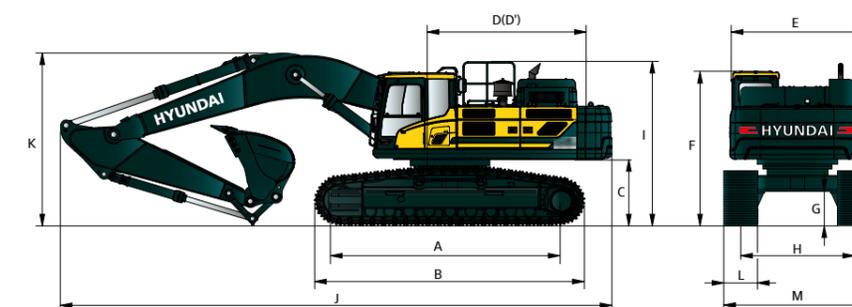
A Tumbler Distance	4,475 (14' 8")
B Overall Length of Crawler	5,482 (18' 0")
*C Ground Clearance of Counter Weight	1,340 (4' 5")
D Tail Swing Radius	3,800 (12' 6")
D' Rear-end Length	3,665 (12' 0")
E Overall Width of Upper Structure	2,890 (9' 6")
*F Overall Height of Cab	3,295 (10' 10")
*G Min. Ground Clearance	567 (1' 10")
H Track gauge	2,750 (9' 0")
*I *Overall Height of Guardrail	3,500 (11' 6")

Boom Length	6,550 (21' 6")	7,060 (23' 2")	9,000 (29' 6")			
Arm Length	2,550 (8' 4")	2,550 (8' 4")	2,900 (9' 6")	3,380 (11' 1")	4,000 (13' 1")	6,000 (19' 8")
J Overall Length	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	4,010 (13' 2")	3,930 (12' 11")	3,960 (13' 0")	3,960 (13' 0")	4,080 (13' 5")	3,890 (12' 9")
L Track Shoe Width	600 (24")	700 (28")	800 (32")	900 (36")		
M Overall Width	3,350 (11' 0")	3,450 (11' 3")	3,550 (11' 7")	3,650 (11' 11")		

* This figure includes the size of grousers.

HX520A L DIMENSIONS

6.55 m, 7.06 m, 9.0 m boom and 2.55 m, 2.9 m, 3.38 m, 4.0 m, 6.0 m arm



Unit : mm (ft/in)

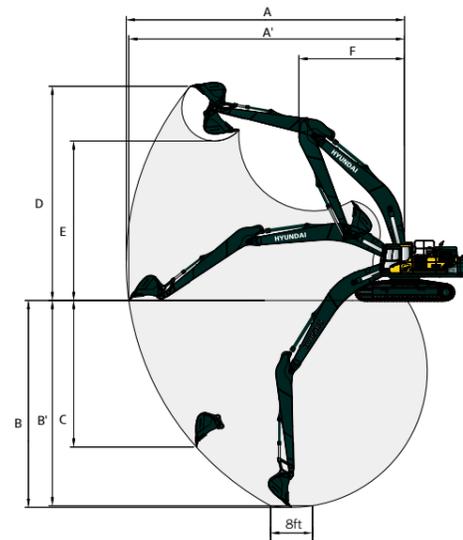
A Tumbler Distance	4,475 (14' 8")
B Overall Length of Crawler	5,482 (18' 0")
*C Ground Clearance of Counter Weight	1,422 (4' 8")
D Tail Swing Radius	3,800 (12' 6")
D' Rear-end Length	3,665 (12' 0")
E Overall Width of Upper Structure	2,890 (9' 6")
*F Overall Height of Cab	3,380 (11' 1")
*G Min. Ground Clearance	765 (2' 6")
H Track gauge	Extended 2,960 (9' 9") Retracted 2,390 (7' 10")
*I *Overall Height of Guardrail	3,585 (11' 9")

Boom Length	6,550 (21' 6")	7,060 (23' 2")	9,000 (29' 6")			
Arm Length	2,550 (8' 4")	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")	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	4,040 (13' 3")	3,960 (13' 0")	3,990 (13' 1")	3,980 (13' 1")	4,080 (13' 5")	3,900 (12' 10")
L Track Shoe Width	600 (24")	700 (28")	800 (32")	900 (36")		
M Overall gauge	Extended	3,560 (11' 8")	3,660 (12' 0")	3,760 (12' 4")	3,860 (12' 8")	
	Retracted	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")	

* This figure includes the size of grousers.

WORKING RANGE

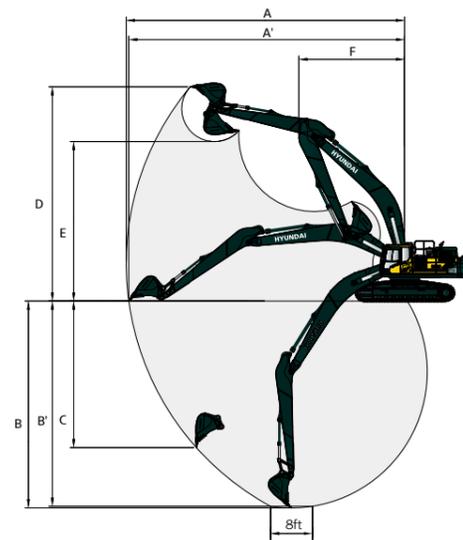
HX480A L WORKING RANGE



Unit : mm (ft/in)

Boom length	6,550 (21' 6")		7,060 (23' 2")				9,000 (29' 6")
	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")
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	10,805 (35' 5")	11,065 (36' 4")	11,340 (37' 2")	11,600 (38' 1")	11,990 (39' 4")	12,540 (41' 2")	16,110 (52' 10")
A' Max. digging reach on ground	10,570 (34' 8")	10,835 (35' 7")	11,200 (36' 6")	11,385 (37' 4")	11,780 (38' 8")	12,345 (40' 6")	15,950 (52' 4")
B Max. digging depth	6,380 (20' 11")	6,730 (22' 1")	6,820 (22' 5")	7,010 (23' 0")	7,650 (25' 1")	8,270 (27' 2")	11,605 (38' 1")
B' Max. digging depth (8' level)	6,205 (20' 4")	6,570 (21' 7")	6,645 (21' 10")	1,010 (3' 4")	7,505 (24' 7")	8,140 (26' 8")	11,510 (37' 9")
C Max. vertical wall digging depth	5,950 (19' 6")	6,330 (20' 9")	6,385 (20' 11")	6,765 (22' 2")	7,260 (23' 10")	7,875 (25' 10")	8,485 (27' 10")
D Max. digging height	10,525 (34' 6")	10,780 (35' 4")	10,925 (35' 10")	10,880 (35' 8")	10,905 (35' 9")	11,175 (36' 8")	13,110 (43' 0")
E Max. dumping height	7,290 (23' 11")	7,315 (24' 0")	7,680 (25' 2")	7,705 (25' 3")	7,790 (25' 7")	7,995 (26' 3")	9,815 (32' 2")
F Min. swing radius	4,440 (14' 7")	4,500 (14' 9")	4,815 (15' 10")	4,880 (16' 0")	4,875 (16' 0")	4,625 (15' 2")	5,630 (18' 6")

HX520A L WORKING RANGE



Unit : mm (ft/in)

Boom length	6,550 (21' 6")		7,060 (23' 2")				9,000 (29' 6")
	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")
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	10,805 (35' 5")	11,065 (36' 4")	11,340 (37' 2")	11,600 (38' 1")	11,990 (39' 4")	12,540 (41' 2")	16,100 (52' 10")
A' Max. digging reach on ground	10,550 (34' 7")	10,815 (35' 6")	11,095 (36' 5")	11,365 (37' 3")	11,760 (38' 7")	12,325 (40' 5")	15,930 (52' 3")
B Max. digging depth	6,275 (20' 7")	6,625 (21' 9")	6,715 (22' 0")	7,065 (23' 2")	7,545 (24' 9")	8,165 (26' 9")	11,515 (37' 9")
B' Max. digging depth (8' level)	6,100 (20' 0")	6,465 (21' 3")	6,540 (21' 5")	6,905 (22' 8")	7,400 (24' 3")	8,035 (26' 4")	11,415 (37' 5")
C Max. vertical wall digging depth	5,845 (19' 2")	6,225 (20' 5")	6,275 (20' 7")	6,655 (21' 10")	7,155 (23' 6")	7,765 (25' 6")	8,395 (27' 7")
D Max. digging height	10,630 (34' 11")	10,585 (34' 9")	11,030 (36' 2")	10,990 (36' 1")	11,015 (36' 2")	11,280 (37' 0")	13,205 (43' 4")
E Max. dumping height	7,395 (24' 3")	7,420 (24' 4")	7,785 (25' 6")	7,815 (25' 8")	7,895 (25' 11")	8,105 (26' 7")	9,910 (32' 6")
F Min. swing radius	4,440 (14' 7")	4,500 (14' 9")	4,815 (15' 10")	4,880 (16' 0")	4,875 (16' 0")	4,625 (15' 2")	5,630 (18' 6")

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX480A L

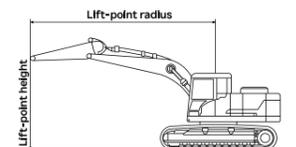
6.55 m (21' 6") boom, 2.40 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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		
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	kg	m (ft)		
7.5 m 24.6 ft					*13,490	*13,490			*13,020	12,480	6.91	
					*29,740	*29,740			*28,700	27,510	(22.7)	
6.0 m 19.7 ft					*14,200	*14,200	*12,660	10,810	*12,460	10,010	7.86	
					*31,310	*31,310	*27,910	23,830	*27,470	22,070	(25.8)	
4.5 m 14.8 ft					*15,640	14,670	*13,150	10,520	*12,240	8,770	8.43	
					*34,480	32,340	*28,990	23,190	*26,980	19,330	(27.7)	
3.0 m 9.8 ft					*17,160	13,910	*13,820	10,150	*12,170	8,160	8.71	
					*37,830	30,670	*30,470	22,380	*26,830	17,990	(28.6)	
1.5 m 4.9 ft					*18,060	13,340	*14,270	9,830	*12,170	7,980	8.72	
					*39,820	29,410	*31,460	21,670	*26,830	17,590	(28.6)	
0.0 m 0.0 ft					*17,980	13,050	*14,150	9,640	*12,150	8,210	8.47	
					*39,640	28,770	*31,200	21,250	*26,790	18,100	(27.8)	
-1.5 m -4.9 ft						*21,260	19,970	*16,800	13,010	*13,080	9,620	7.93
						*46,870	44,030	*37,040	28,680	*28,840	21,210	(26.0)
-3.0 m -9.8 ft												
					*20,090	*20,090	*17,780	*17,780	*14,170	13,210		7.02
					*44,290	*44,290	*39,200	*39,200	*31,240	29,120		(23.0)

6.55 m (21' 6") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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	
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	m (ft)	
9.0 m 29.5 ft										*12,640	*12,640	5.73
										*27,870	*27,870	(18.8)
7.5 m 24.6 ft										*11,420	*11,420	7.17
										*25,180	*25,180	(23.5)
6.0 m 19.7 ft										*11,020	9,620	8.09
										*24,290	21,210	(26.5)
4.5 m 14.8 ft										*11,080	8,500	8.65
					*20,450	*20,450	*15,540	14,830	*13,090	10,620		(28.4)
					*45,080	*45,080	*34,260	32,690	*28,860	23,410		
3.0 m 9.8 ft										*11,510	7,940	8.92
										*25,380	17,500	(29.3)
1.5 m 4.9 ft										*11,910	7,780	8.93
										*26,260	17,150	(29.3)
0.0 m 0.0 ft										*11,880	8,000	8.69
										*26,190	17,640	(28.5)
-1.5 m -4.9 ft										*11,710	8,710	8.16
										*25,820	19,200	(26.8)
-3.0 m -9.8 ft										*11,130	10,280	7.28
										*24,540	22,660	(23.9)
-4.5 m -14.8 ft										*9,300	*9,300	5.90
										*20,500	*20,500	(19.4)

- Lifting capacity are based on ISO 10567.
- 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.
- The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- (*) indicates load limited by hydraulic capacity.
- All lifting capacity is based on cabin, standard boom/arm and counterweight.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX480A L

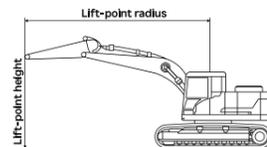
7.06 m (23' 2") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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 29.5 ft	kg lb										*12,320 *27,160	*12,320 *27,160	6.55 (21.5)
7.5 m 24.6 ft	kg lb					*11,710 *25,820	10,990 24,230				*11,350 *25,020	10,150 22,380	7.84 (25.7)
6.0 m 19.7 ft	kg lb				*13,770 *30,360	*13,770 *30,360	*11,980 *26,410	10,810 23,830			*11,020 *24,290	8,490 18,720	8.69 (28.5)
4.5 m 14.8 ft	kg lb			*15,410 *33,970	14,460 31,880	*12,710 *28,020	10,440 23,020	*11,200 *24,690	7,900 17,420		*11,070 *24,410	7,600 16,760	9.21 (30.2)
3.0 m 9.8 ft	kg lb		*17,010 *37,500	13,660 30,120	*13,500 *29,760	10,030 22,110	*11,470 *25,290	7,710 17,000			*10,990 *24,230	7,140 15,740	9.47 (31.1)
1.5 m 4.9 ft	kg lb		*17,890 *39,440	13,110 28,900	*14,050 *30,970	9,690 21,360	*11,630 *25,640	7,540 16,620			*10,970 *24,180	7,010 15,450	9.48 (31.1)
0.0 m 0.0 ft	kg lb		*17,820 *39,290	12,840 28,310	*14,080 *31,040	9,480 20,900	*11,380 *25,090	7,440 16,400			*10,930 *24,100	7,180 15,830	9.25 (30.3)
-1.5 m -4.9 ft	kg lb			*20,840 *45,940	19,760 43,560	*16,830 *37,100	12,810 28,240	*13,390 *29,520	9,430 20,790		*10,780 *23,770	7,740 17,060	8.75 (28.7)
-3.0 m -9.8 ft	kg lb	*19,580 *43,170	*19,580 *43,170	*18,070 *39,840	*18,070 *39,840	*14,800 *32,630	12,960 28,570	*11,510 *25,380	9,570 21,100		*10,330 *22,770	8,920 19,670	7.94 (26.1)
-4.5 m -14.8 ft	kg lb			*13,620 *30,030	*13,620 *30,030	*10,950 *24,140	*10,950 *24,140				*9,050 *19,950	*9,050 *19,950	6.71 (22.0)

7.06 m (23' 2") boom, 2.90 m (9' 6") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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 29.5 ft	kg lb										*11,090 *24,450	*11,090 *24,450	6.86 (22.5)
7.5 m 24.6 ft	kg lb					*11,090 *24,450	11,040 24,340				*10,430 *22,990	9,650 21,270	8.10 (26.6)
6.0 m 19.7 ft	kg lb				*13,110 *28,900	*13,110 *28,900	*11,460 *25,260	10,800 23,810			*10,260 *22,620	8,110 17,880	8.92 (29.3)
4.5 m 14.8 ft	kg lb			*14,750 *32,520	14,480 31,920	*12,230 *26,960	10,400 22,930	*10,790 *23,790	7,840 17,280		*10,430 *22,990	7,260 16,010	9.43 (30.9)
3.0 m 9.8 ft	kg lb		*16,420 *36,200	13,610 30,000	*13,090 *28,860	9,940 21,910	*11,140 *24,560	7,620 16,800			*10,490 *23,130	6,810 15,010	9.68 (31.8)
1.5 m 4.9 ft	kg lb		*17,480 *38,540	12,960 28,570	*13,720 *30,250	9,560 21,080	*11,390 *25,110	7,410 16,340			*10,530 *23,210	6,660 14,680	9.69 (31.8)
0.0 m 0.0 ft	kg lb		*17,630 *38,870	12,620 27,820	*13,880 *30,600	9,310 20,530	*11,310 *24,930	7,270 16,030			*10,580 *23,320	6,800 14,990	9.47 (31.1)
-1.5 m -4.9 ft	kg lb			*21,440 *47,270	19,310 42,570	*16,880 *37,210	12,540 27,650	*13,390 *29,520	9,220 20,330		*10,550 *23,260	7,280 16,050	8.98 (29.5)
-3.0 m -9.8 ft	kg lb	*21,910 *48,300	*21,910 *48,300	*18,830 *41,510	*18,830 *41,510	*15,130 *33,360	12,650 27,890	*11,900 *26,230	9,310 20,530		*10,320 *22,750	8,320 18,340	8.20 (26.9)
-4.5 m -14.8 ft	kg lb			*14,740 *32,500	*14,740 *32,500	*11,860 *26,150	*11,860 *26,150				*9,500 *20,940	*9,500 *20,940	7.01 (23.0)

- 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.
- 5 | All lifting capacity is based on cabin, standard boom/arm and counterweight.



Rating over-front Rating over-side or 360 degree

HX480A L

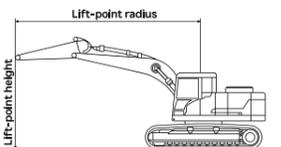
7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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 29.5 ft	kg lb										*7,670 *16,910	*7,670 *16,910	7.44 (24.4)
7.5 m 24.6 ft	kg lb					*10,410 *22,950	*10,410 *22,950				*7,250 *15,980	*7,250 *15,980	8.60 (28.2)
6.0 m 19.7 ft	kg lb				*10,910 *24,050	*10,910 *24,050	*9,970 *21,980	8,090 17,840			*7,160 *15,790	*7,160 *15,790	9.38 (30.8)
4.5 m 14.8 ft	kg lb			*18,520 *40,830	*18,520 *40,830	*14,070 *31,020	*14,070 *31,020	*11,770 *25,950	10,520 23,190	*10,400 *22,930	7,910 17,440	*7,280 *16,050	9.86 (32.4)
3.0 m 9.8 ft	kg lb		*22,310 *49,190	20,880 46,030	*15,900 *35,050	13,850 30,530	*12,730 *28,060	10,050 22,160	*10,860 *23,940	7,660 16,890	*7,610 *16,780	6,390 14,090	10.10 (33.1)
1.5 m 4.9 ft	kg lb		*16,400 *36,160	*16,400 *36,160	*17,220 *37,960	13,140 28,970	*13,510 *29,780	9,640 21,250	*11,240 *24,780	7,430 16,380	*8,180 *18,030	6,250 13,780	10.11 (33.2)
0.0 m 0.0 ft	kg lb		*18,730 *41,290	*18,730 *41,290	*17,690 *39,000	12,720 28,040	*13,860 *30,560	9,340 20,590	*11,330 *24,980	7,260 16,010	*9,100 *20,060	6,360 14,020	9.90 (32.5)
-1.5 m -4.9 ft	kg lb	*13,500 *29,760	*13,500 *29,760	*22,500 *49,600	19,300 42,550	*17,250 *38,030	12,560 27,690	*13,600 *29,980	9,200 20,280	*10,900 *24,030	7,190 15,850	*10,130 *22,330	9.43 (31.0)
-3.0 m -9.8 ft	kg lb	*21,470 *47,330	*21,470 *47,330	*20,180 *44,490	19,490 42,970	*15,850 *34,940	12,600 27,780	*12,490 *27,540	9,230 20,350			*10,050 *22,160	8.69 (28.5)
-4.5 m -14.8 ft	kg lb	*20,180 *44,490	*20,180 *44,490	*16,530 *36,440	*16,530 *36,440	*13,150 *28,990	12,850 28,330	*9,790 *21,580	9,480 20,900			*9,580 *21,120	7.58 (24.9)

7.06 m (23' 2") boom, 4.00 m (13' 1") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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 29.5 ft	kg lb													*6,180 *13,620	*6,180 *13,620	8.20 (26.9)	
7.5 m 24.6 ft	kg lb					*7,300 *16,090	*7,300 *16,090				*5,890 *12,990	*5,890 *12,990	9.26 (30.4)				
6.0 m 19.7 ft	kg lb				*10,190 *22,470	*10,190 *22,470	*9,440 *20,810	8,240 18,170			*5,810 *12,810	*5,810 *12,810	9.98 (32.8)				
4.5 m 14.8 ft	kg lb			*11,120 *28,900	10,700 23,590	*9,900 *24,520	8,020 17,680			*5,900 *13,010	*5,900 *13,010	10.44 (34.3)					
3.0 m 9.8 ft	kg lb		*20,730 *45,700	*20,730 *45,700	*15,070 *33,220	14,140 31,170	*12,190 *26,870	10,190 22,470	*10,460 *23,060	7,740 17,060	*7,550 *16,640	6,050 13,340	*6,150 *13,560	5,890 12,990	10.67 (35.0)		
1.5 m 4.9 ft	kg lb		*22,090 *48,700	20,070 44,250	*16,670 *36,750	13,320 29,370	*13,120 *28,920	9,730 21,450	*10,970 *24,180	7,470 16,470	*8,270 *18,230	5,910 13,030	*6,580 *14,510	5,760 12,700	10.68 (35.0)		
0.0 m 0.0 ft	kg lb		*20,410 *45,000	19,370 42,700	*17,500 *38,580	12,780 28,180	*13,690 *30,180	9,370 20,660	*11,250 *24,800	7,250 15,980	*7,250 *15,980	5,830 12,850	*7,250 *15,980	10.47 (34.4)			
-1.5 m -4.9 ft	kg lb			*13,080 *28,840	*13,080 *28,840	*23,300 *51,370	19,170 42,260	*17,450 *38,470	12,510 27,580	*13,700 *30,200	9,170 20,220	*11,100 *24,470	7,130 15,720	*8,310 *18,320	6,140 13,540	10.04 (32.9)	
-3.0 m -9.8 ft	kg lb	*14,790 *32,610	*14,790 *32,610	*19,130 *42,170	*19,130 *42,170	*21,470 *47,330	19,250 42,440	*16,480 *36,330	12,470 27,490	*12,990 *28,640	9,120 20,110	*10,230 *22,550	7,130 15,720	*9,560 *21,080	6,800 14,990	9.34 (30.7)	
-4.5 m -14.8 ft	kg lb			*23,930 *52,760	*23,930 *52,760	*18,410 *40,590	*18,410 *40,590	*14,390 *31,720	12,640 27,870	*11,160 *24,600	9,250 20,390			*9,370 *20,660	8,090 17,840	8.32 (27.3)	
-6.0 m -19.7 ft	kg lb			*13,470 *29,700	*13,470 *29,700	*10,400 *22,930	*10,400 *22,930							*8,490 *18,720	*8,490 *18,720	6.82 (22.4)	

- 1 | Lifting capacity are based on ISO 10567.
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- 3 | The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- 4 | (*) indicates load limited by hydraulic capacity.
- 5 | All lifting capacity is based on cabin, standard boom/arm and counterweight.



LIFTING CAPACITY

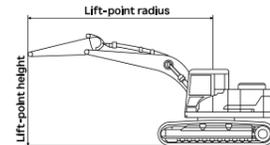
 Rating over-front  Rating over-side or 360 degree

HX480A L

9.00 m (29' 7") boom, 6.00 m (19' 8") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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)		Capacity		Reach
											m (ft)
10.5 34.4	kg lb								*2,480 *5,470	*2,480 *5,470	11.56 (37.9)
9.0 29.5	kg lb								*2,400 *5,290	*2,400 *5,290	12.52 (41.1)
7.5 m 24.6 ft	kg lb								*2,370 *5,220	*2,370 *5,220	13.23 (43.4)
6.0 m 19.7 ft	kg lb								*2,400 *5,290	*2,400 *5,290	13.75 (45.1)
4.5 m 14.8 ft	kg lb								*2,470 *5,450	*2,470 *5,450	14.08 (46.2)
3.0 m 9.8 ft	kg lb			*17,810 *39,260	*17,810 *39,260	*12,560 *27,690	*12,560 *27,690		*2,590 *5,710	*2,590 *5,710	14.25 (46.7)
1.5 m 4.9 ft	kg lb			*11,630 *25,640	*11,630 *25,640	*14,190 *31,280	12,900 28,440		*2,770 *6,110	*2,770 *6,110	14.26 (46.8)
0.0m 0.0ft	kg lb			*10,370 *22,860	*10,370 *22,860	*15,210 *33,530	12,020 26,500		*3,020 *6,660	*3,020 *6,660	14.10 (46.3)
-1.5 m -4.9 ft	kg lb	*5,890 *12,990	*5,890 *12,990	*7,150 *15,760	*7,150 *15,760	*11,470 *25,290	*11,470 *25,290	*15,590 *34,370	*3,370 *7,430	*3,370 *7,430	13.79 (45.2)
-3.0 m -9.8 ft	kg lb	*7,980 *17,590	*7,980 *17,590	*9,520 *20,990	*9,520 *20,990	*13,520 *29,810	*13,520 *29,810	*15,430 *34,020	*3,860 *8,510	3,590 7,910	13.29 (43.6)
-4.5 m -14.8 ft	kg lb	*10,200 *22,490	*10,200 *22,490	*12,070 *26,610	*12,070 *26,610	*16,210 *35,740	*16,210 *35,740	*14,770 *32,560	3,900 8,600		12.60 (41.3)
-6.0 m -19.7 ft	kg lb	*12,580 *27,730	*12,580 *27,730	*14,900 *32,850	*14,900 *32,850	*17,400 *38,360	*17,400 *38,360	*13,600 *29,980	4,420 9,740		11.67 (38.3)
-7.5 m -24.6 ft	kg lb			*18,180 *40,080	*18,180 *40,080	*14,800 *32,630	*14,800 *32,630	*11,810 *26,040	*6,070 *13,380	5,320 11,730	10.44 (34.3)
-9.0 m -29.5 ft	kg lb					*11,160 *24,600	*11,160 *24,600	*9,100 *20,060	*5,710 *12,590	*5,710 *12,590	8.79 (28.8)

- | 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.
- | 5 | All lifting capacity is based on cabin, standard boom/arm and counterweight.



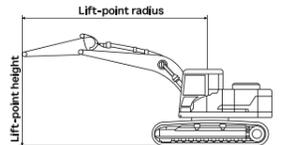
 Rating over-front  Rating over-side or 360 degree

HX480A L

9.00 m (29' 7") boom, 6.00 m (19' 8") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

Lift-point height (m/ft)	Lift-point radius										At max. reach							
	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 34.4	kg lb												*2,480 *5,470	*2,480 *5,470	11.56 (37.9)			
9.0 m 29.5 ft	kg lb									*3,660 *8,070	*3,660 *8,070		*2,400 *5,290	*2,400 *5,290	12.52 (41.1)			
7.5 m 24.6 ft	kg lb									*5,020 *11,070	*5,020 *11,070		*2,370 *5,220	*2,370 *5,220	13.23 (43.4)			
6.0 m 19.7 ft	kg lb							*6,260 *13,800	*6,260 *13,800	*5,830 *12,850	5,260 11,600	*3,180 *7,010	*3,180 *7,010	*2,400 *5,290	*2,400 *5,290	13.75 (45.1)		
4.5 m 14.8 ft	kg lb							*7,510 *16,560	*7,510 *16,560	*6,690 *14,750	6,420 14,150	*6,100 *13,450	5,070 11,180	*4,290 *9,460	4,020 8,860	*2,470 *5,450	*2,470 *5,450	14.08 (46.2)
3.0 m 9.8 ft	kg lb	*9,870 *21,760	*9,870 *21,760	*8,240 *18,170	7,780 17,150	*7,160 *15,790	6,090 13,430	*6,390 *14,090	4,840 10,670	*5,070 *11,180	3,890 8,580	*2,590 *5,710	*2,590 *5,710	14.25 (46.7)				
1.5 m 4.9 ft	kg lb	*10,900 *24,030	9,480 20,900	*8,920 *19,670	7,290 16,070	*7,610 *16,780	5,760 12,700	*6,680 *14,730	4,630 10,210	*5,570 *12,280	3,750 8,270	*2,770 *6,110	*2,770 *6,110	14.26 (46.8)				
0.0m 0.0ft	kg lb	*11,660 *25,710	8,870 19,550	*9,450 *20,830	6,870 15,150	*7,960 *17,550	5,470 12,060	*6,900 *15,210	4,430 9,770	*5,620 *12,390	3,630 8,000	*3,020 *6,660	*3,020 *6,660	14.10 (46.3)				
-1.5 m -4.9 ft	kg lb	*12,070 *26,610	8,460 18,650	*9,770 *21,540	6,560 14,460	*8,180 *18,030	5,250 11,570	*7,010 *15,450	4,280 9,440	*4,830 *10,650	3,540 7,800	*3,370 *7,430	*3,370 *7,430	13.79 (45.2)				
-3.0 m -9.8 ft	kg lb	*12,100 *26,680	8,230 18,140	*9,830 *21,670	6,370 14,040	*8,200 *18,080	5,100 11,240	*6,950 *15,320	4,190 9,240			*3,860 *8,510	3,590 7,910	13.29 (43.6)				
-4.5 m -14.8 ft	kg lb	*11,740 *25,880	8,150 17,970	*9,580 *21,120	6,290 13,870	*7,960 *17,550	5,050 11,130	*6,610 *14,570	4,170 9,190			*4,610 *10,160	3,900 8,600	12.60 (41.3)				
-6.0 m -19.7 ft	kg lb	*10,940 *24,120	8,210 18,100	*8,940 *19,710	6,320 13,930	*7,330 *16,160	5,090 11,220					*5,810 *12,810	4,420 9,740	11.67 (38.3)				
-7.5 m -24.6 ft	kg lb	*9,570 *21,100	8,400 18,520	*7,740 *17,060	6,490 14,310							*6,070 *13,380	5,320 11,730	10.44 (34.3)				
-9.0 m -29.5 ft	kg lb	*7,290 *16,070	*7,290 *16,070									*5,710 *12,590	*5,710 *12,590	8.79 (28.8)				

- | 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.
- | 5 | All lifting capacity is based on cabin, standard boom/arm and counterweight.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX520A L

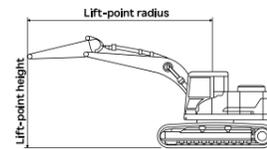
6.55 m (21' 6") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe.

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)
9.0m	kg									*13,740	*13,740	5.92
29.5ft	lb									*30,290	*30,290	(19.4)
7.5 m	kg					*13,220	*13,220			*12,550	*12,550	7.29
24.6 ft	lb					*29,150	*29,150			*27,670	*27,670	(23.9)
6.0 m	kg					*14,060	*14,060	*12,430	12,010	*12,050	10,420	8.17
19.7 ft	lb					*31,000	*31,000	*27,400	26,480	*26,570	22,970	(26.8)
4.5 m	kg			*20,650	*20,650	*15,550	*15,550	*13,010	11,690	*11,820	9,280	8.70
14.8 ft	lb			*45,530	*45,530	*34,280	*34,280	*28,680	25,770	*26,060	20,460	(28.5)
3.0 m	kg					*17,050	15,550	*13,700	11,300	*11,730	8,720	8.94
9.8 ft	lb					*37,590	34,280	*30,200	24,910	*25,860	19,220	(29.3)
1.5 m	kg					*17,930	14,970	*14,130	10,980	*11,690	8,600	8.93
4.9 ft	lb					*39,530	33,000	*31,150	24,210	*25,770	18,960	(29.3)
0.0m	kg			*21,780	*21,780	*17,810	14,690	*14,000	10,790	*11,610	8,900	8.66
0.0ft	lb			*48,020	*48,020	*39,260	32,390	*30,860	23,790	*25,600	19,620	(28.4)
-1.5 m	kg	*16,090	*16,090	*21,090	*21,090	*16,590	14,660	*12,900	10,780	*11,370	9,770	8.10
-4.9 ft	lb	*35,470	*35,470	*46,500	*46,500	*36,570	32,320	*28,440	23,770	*25,070	21,540	(26.6)
-3.0 m	kg	*20,140	*20,140	*17,510	*17,510	*13,900	*13,900			*10,640	*10,640	7.18
-9.8 ft	lb	*44,400	*44,400	*38,600	*38,600	*30,640	*30,640			*23,460	*23,460	(23.6)

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		6.0 m		7.5 m		9.0 m		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	9,880	8.45		
19.7ft	lb					*29,610	*29,610	*26,280	*26,280	*23,370	21,780	(27.7)		
4.5m	kg			*19,570	*19,570	*14,950	*14,950	*12,570	11,690	*10,730	8,830	8.97		
14.8ft	lb			*43,140	*43,140	*32,960	*32,960	*27,710	25,770	*23,660	19,470	(29.4)		
3.0m	kg			*22,960	*22,960	*16,550	15,560	*13,340	11,270	*11,410	8,600	9.21		
9.8ft	lb			*50,620	*50,620	*36,490	34,300	*29,410	24,850	*24,670	18,300	(30.2)		
1.5m	kg			*19,880	*19,880	*17,610	14,910	*13,890	10,900	*11,210	8,170	9.19		
4.9ft	lb			*43,830	*43,830	*38,820	32,870	*30,620	24,030	*25,330	18,560	(30.2)		
0.0m	kg			*23,620	22,350	*17,730	14,550	*13,920	10,670	*11,210	8,420	8.93		
0.0ft	lb			*52,070	49,270	*39,090	32,080	*30,690	23,520	*24,710	18,560	(29.3)		
-1.5m	kg	*17,060	*17,060	*21,710	*21,710	*16,790	14,460	*13,120	10,610	*11,100	9,170	8.39		
-4.9ft	lb	*37,610	*37,610	*47,860	*47,860	*37,020	31,880	*28,920	23,390	*24,470	20,220	(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)		

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- 3 | The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- 4 | (*) indicates load limited by hydraulic capacity.
- 5 | All lifting capacity is based on cabin, standard boom/arm and counterweight.



Rating over-front Rating over-side or 360 degree

HX520A L

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		6.0 m		7.5 m		9.0 m		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	11,020	7.94
24.6ft	lb									*25,490	*25,490			*25,240	24,290	(26.1)
6.0m	kg							*13,750	*13,750	*11,880	*11,880			*11,080	9,300	8.75
19.7ft	lb							*30,310	*30,310	*26,190	*26,190			*24,430	20,500	(28.7)
4.5m	kg					*15,380	*15,380	*12,620	11,550	*11,070	8,750	*10,910	8,370	*10,910	8,370	9.25
14.8ft	lb					*33,910	*33,910	*27,820	25,460	*24,410	19,290	*24,050	18,450	*24,050	18,450	(30.3)
3.0m	kg					*16,910	15,190	*13,390	11,120	*11,340	8,560	*10,840	7,920	*10,840	7,920	9.48
9.8ft	lb					*37,280	33,490	*29,520	24,520	*25,000	18,870	*23,900	17,460	*23,900	17,460	(31.1)
1.5m	kg					*17,700	14,640	*13,880	10,780	*11,470	8,380	*10,810	7,810	*10,810	7,810	9.47
4.9ft	lb					*39,020	32,280	*30,600	23,770	*25,290	18,470	*23,830	17,220	*23,830	17,220	(31.1)
0.0m	kg					*17,530	14,400	*13,850	10,580	*11,160	8,290	*10,760	8,050	*10,760	8,050	9.21
0.0ft	lb					*38,650	31,750	*30,530	23,320	*24,600	18,280	*23,720	17,750	*23,720	17,750	(30.2)
-1.5m	kg					*20,350	*20,350	*16,450	14,390	*13,080	10,550			*10,600	8,730	8.69
-4.9ft	lb					*44,860	*44,860	*36,270	31,720	*28,840	23,260			*23,370	19,250	(28.5)
-3.0m	kg	*18,970	*18,970	*17,470	*17,470	*14,320	*14,320	*11,040	10,730					*10,090	*10,090	7.84
-9.8ft	lb	*41,820	*41,820	*38,510	*38,510	*31,570	*31,570	*24,340	23,660					*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						
		3.0 m (9.8 ft)		4.5 m		6.0 m		7.5 m		9.0 m		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	10,370	8.26
24.6ft	lb									*24,230	*24,230			*23,770	22,860	(27.1)
6.0m	kg							*13,130	*13,130	*11,410	*11,410	*10,500	8,890	*10,480	8,820	9.04
19.7ft	lb							*28,950	*28,950	*25,150	*25,150	*23,150	19,600	*23,100	19,440	(29.7)
4.5m	kg					*20,070	*20,070	*14,790	*14,790	*12,200	11,540	*10,710	8,730	*10,370	7,970	9.52
14.8ft	lb					*44,250	*44,250	*32,610	*32,610	*26,900	25,440	*23,610	19,250	*22,860	17,570	(31.2)
3.0m	kg							*16,410	15,200	*13,040	11,080	*11,060	8,500	*10,340	7,530	9.74
9.8ft	lb							*36,180	33,510	*28,750	24,430	*24,380	18,740	*22,800	16,600	(32.0)
1.5m	kg							*17,390	14,560	*13,630	10,690	*11,290	8,290	*10,370	7,420	9.73
4.9ft	lb							*38,340	32,100	*30,050	23,570	*24,890	18,280	*22,860	16,360	(31.9)
0.0m	kg					*15,060	*15,060	*17,450	14,240	*13,740	10,450	*11,160	8,160	*10,380	7,610	9.48
0.0ft	lb					*33,200	*33,200	*38,470								

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX520A L

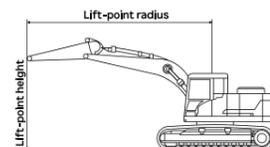
7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 600 mm (24") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach				
		3.0 m (9.8 ft)		4.5 m		6.0 m		7.5 m		9.0 m		Capacity	Reach			
														m (ft)		
9.0m	kg															
29.5ft	lb															
7.5m	kg															
24.6ft	lb															
6.0m	kg															
19.7ft	lb															
4.5m	kg															
14.8ft	lb															
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-9.8ft	lb															
-4.5m	kg															
-14.8ft	lb															

7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 800 mm (32") triple grouser shoe.

Lift-point height (m/ft)		Lift-point radius										At max. reach				
		3.0 m (9.8 ft)		4.5 m		6.0 m		7.5 m		9.0 m		Capacity	Reach			
														m (ft)		
9.0m	kg															
29.5ft	lb															
7.5m	kg															
24.6ft	lb															
6.0m	kg															
19.7ft	lb															
4.5m	kg															
14.8ft	lb															
3.0m	kg															
9.8ft	lb															
1.5m	kg															
4.9ft	lb															
0.0m	kg															
0.0ft	lb															
-1.5m	kg															
-4.9ft	lb															
-3.0m	kg															
-9.8ft	lb															
-4.5m	kg															
-14.8ft	lb															

- Lifting capacity are based on ISO 10567.
- 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.
- The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- (*) indicates load limited by hydraulic capacity.
- All lifting capacity is based on cabin, standard boom/arm and counterweight.



Rating over-front Rating over-side or 360 degree

HX520A L

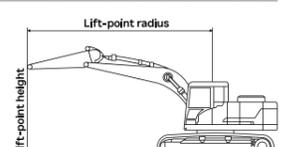
7.06 m (23' 2") boom, 4.00 m (13' 1") arm equipped with 600 mm (24") triple grouser shoe.

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		6.0 m		7.5 m		9.0 m		10.5 m		Capacity	Reach	
																		m (ft)
9.0m	kg																	
29.5ft	lb																	
7.5m	kg																	
24.6ft	lb																	
6.0m	kg																	
19.7ft	lb																	
4.5m	kg																	
14.8ft	lb																	
3.0m	kg																	
9.8ft	lb																	
1.5m	kg																	
4.9ft	lb																	
0.0m	kg																	
0.0ft	lb																	
-1.5m	kg																	
-4.9ft	lb																	
-3.0m	kg																	
-9.8ft	lb																	
-4.5m	kg																	
-14.8ft	lb																	
-6.0m	kg																	
-19.7ft	lb																	

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											
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		Capacity	Reach		
																						m (ft)	
10.5m	kg																						
34.4ft	lb																						
9.0m	kg																						
29.5ft	lb																						
7.5m	kg																						
24.6ft	lb																						
6.0m	kg																						
19.7ft	lb																						
4.5m	kg																						
14.8ft	lb																						
3.0m	kg																						
9.8ft	lb																						
1.5m	kg																						
4.9ft	lb																						
0.0m	kg																						
0.0ft	lb																						
-1.5m	kg																						
-4.9ft	lb																						
-3.0m	kg																						
-9.8ft	lb																						
-4.5m	kg																						
-14.8ft	lb																						
-6.0m	kg																						
-19.7ft	lb																						
-7.5m	kg																						
-24.6ft	lb																						
-9.0m	kg																						
-29.5ft	lb																						

- Lifting capacity are based on ISO 10567.
- 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.
- The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- (*) indicates load limited by hydraulic capacity.
- All lifting capacity is based on cabin, standard boom/arm and counterweight.



BUCKET SELECTION GUIDE

HX480A L BUCKETS												
Type	Capacity m ³ (yd ³)		Width mm (in)	Weight kg (lb)	Tooth (EA)	Recommendation mm (ft.in)						
	SAE Heaped	CECE Heaped				6,550 (21' 6") Boom		7,060 (23' 2") Boom			9,000 (29' 6") Boom	
						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
GP	1.38 (1.80)	1.24 (1.62)	1,130 (44.5")	1,640 (3,620)	4	●	●	●	●	●	●	▲
HD	2.35 (3.07)	2.11 (2.76)	1,532 (60.3")	2,144 (4,730)	5	●	●	●	●	■	■	×
HD	2.91 (3.81)	2.59 (3.39)	1,812 (71.3")	2,439 (5,380)	6	■	■	■	▲	▲	×	×
HD*	2.61 (3.41)	2.33 (3.05)	1,525 (60.0")	2,395 (5,280)	6	●	●	■	■	▲	▲	×
HD*	2.92 (3.82)	2.61 (3.41)	1,675 (65.9")	2,525 (5,570)	6	■	■	■	▲	▲	×	×
RK	2.22 (2.90)	2.00 (2.62)	1,480 (58.3")	2,387 (5,260)	5	●	●	●	●	■	■	×
RK	2.78 (3.64)	2.48 (3.24)	1,780 (70.1")	2,723 (6,000)	6	■	■	■	▲	▲	×	×
RK	3.20 (4.19)	2.82 (3.69)	2,015 (79.3")	3,235 (7,130)	6	▲	▲	▲	×	×	×	×
RK+	2.22 (2.90)	2.00 (2.62)	1,480 (58.3")	2,646 (5,830)	4	●	●	●	●	■	×	×
RK+	2.59 (3.39)	2.32 (3.03)	1,680 (66.1")	2,927 (6,450)	5	●	■	■	▲	▲	×	×
RK+	2.78 (3.64)	2.48 (3.24)	1,777 (70.0")	3,036 (6,690)	5	■	■	▲	▲	▲	×	×

HX520A L BUCKETS												
Type	Capacity m ³ (yd ³)		Width mm (in)	Weight kg (lb)	Tooth (EA)	Recommendation mm (ft.in)						
	SAE Heaped	CECE Heaped				6,550 (21' 6") Boom		7,060 (23' 2") Boom			9,000 (29' 6") Boom	
						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
GP	1.00 (1.31)	0.90 (1.18)	940 (37.0")	1,425 (3,140)	3	●	●	●	●	●	●	●
GP	1.38 (1.80)	1.24 (1.62)	1,130 (44.5")	1,640 (3,620)	4	●	●	●	●	●	●	■
HD	2.35 (3.07)	2.11 (2.76)	1,532 (60.3")	2,144 (4,730)	5	●	●	●	●	●	●	×
HD	2.72 (3.56)	2.43 (3.18)	1,732 (68.2")	2,307 (5,090)	5	●	●	●	●	●	■	×
HD	2.91 (3.81)	2.59 (3.39)	1,812 (71.3")	2,439 (5,380)	6	●	●	●	●	■	■	×
HD*	2.61 (3.41)	2.33 (3.05)	1,525 (60.0")	2,395 (5,280)	6	●	●	●	●	●	■	×
HD*	2.92 (3.82)	2.61 (3.41)	1,675 (65.9")	2,525 (5,570)	6	●	●	●	●	■	■	×
RK	2.59 (3.39)	2.32 (3.03)	1,680 (66.1")	2,578 (5,680)	5	●	●	●	●	●	■	×
RK	3.15 (4.12)	2.79 (3.65)	1,980 (78.0")	2,914 (6,420)	6	●	●	■	■	▲	▲	×
RK-SP	1.81 (2.37)	1.50 (1.96)	1,325 (52.2")	2,685 (5,920)	4	●	●	●	●	●	×	×
RK-SP	2.70 (3.53)	2.39 (3.13)	1,760 (69.3")	2,755 (6,070)	5	●	●	●	●	■	×	×
RK-SP	3.00 (3.92)	2.76 (3.61)	1,955 (77.0")	3,040 (6,700)	6	●	●	■	■	▲	×	×
RK	3.20 (4.19)	2.82 (3.69)	2,015 (79.3")	3,235 (7,130)	6	●	■	■	▲	▲	×	×
RK+	2.22 (2.90)	2.00 (2.62)	1,480 (58.3")	2,646 (5,830)	4	●	●	●	●	●	×	×
RK+	2.59 (3.39)	2.32 (3.03)	1,680 (66.1")	2,927 (6,450)	5	●	●	●	●	■	×	×
RK+	2.78 (3.64)	2.48 (3.24)	1,777 (70.0")	3,036 (6,690)	5	●	●	●	■	■	×	×

◆ Bucket type
 GP : General Purpose HD : Heavy Duty RK : Rock RK+ : Rock (additionally reinforced) RK-SP : Rock (with spade lip shape) * : North America only

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

ATTACHMENT
 Booms and arms are of all-welded, low-stress, full-box section design. 6,550 mm, 7,060 mm, 9,000 mm boom and 2,550 mm, 2,900 mm, 3,380 mm, 4,000 mm, 6,000 mm arms are available, Hyundai buckets are all-welded, high-strength steel implements.

STANDARD / OPTION

● : Standard ○ : Option

	HX480A L	HX520A L
ENGINE		
Cummins X12	●	●
HYDRAULIC SYSTEM		
INTELLIGENT POWER CONTROL (IPC)		
3-Power Mode, 2-Work Mode, User Mode	●	●
Variable Power Control	●	●
EPIC (Electric Pump Flow Control)	●	●
Attachment Mode Flow Control	●	●
Engine Auto Idle	●	●
Engine Auto Shutdown Control	●	●
Hyundai Bio Hydraulic Oil (HBHO)	●	●
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 with Front Laminated Glass	●	●
Sliding Fold-In Front Window	●	●
Sliding Side Window (LH)	●	●
Air compressor with Hand Gun	○	○
Lockable Door	●	●
Hot & Cool Box	●	●
Storage Compartment	●	●
Smoker Kit	○	○
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	●	●
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	●	●
Adjustable Air Suspension without Heater	○	○
Adjustable Air Suspension with Heater	○	○
CABIN FOG (ISO 10262) LEVEL 2		
FOG (Falling Object Guard)	○	○
Front & Tops Guard	○	○
Top Guard	○	○
CABIN ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structures)	●	●

* Standard and optional equipment may vary. Contact your Hyundai dealer for more information.
 * The machine may vary according to International standards.

	HX480A L	HX520A L
SAFETY		
Battery Master Switch	●	●
Rearview Camera	●	●
2nd Monitor (10", 7")	○	○
AAVM (Advanced Around View Monitoring)	○	○
Six Front Working Lights (4 Boom Mounted, 2 Front Frame Mounted)	●	●
Travel Alarm	●	●
Rear Work Lamp (LED)	●	●
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 Mirrors	●	○
Three Outside Rearview Mirrors	○	●
ATTACHMENT		
BOOMS		
6.55 m, 21' 6"	○	○
7.06 m, 23' 2"	●	●
9.00 m, 29' 7"	○	○
ARMS		
2.4 m, 7' 8"	○	○
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")	○	○
Double Grousers Shoe (700 mm, 28")	○	○
Track Rail Guard	●	●
Full Track Rail Guard	○	○
3piece Type Track Guard	○	○
OTHERS		
Removable Clean-Out Dust Net for Cooler	●	●
Removable Washer 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	○	○
Boom Floating Control	○	○
Fine Swing Control	○	○
One Pedal Straight Travel System	○	○
Accumulator for Lowering Work Equipment	●	●
Pattern Change Valve (2 Patterns)	○	○
Semi-Auto Grease (Pump&Gun)	○	○
Full - Auto Grease	○	○
Removable Counterweight	○	○
Air Cleaner - Wet	○	○
Tool Kit	○	○
Engine Oil Quick Fit	○	○

* 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.