

DIGGING FORCE

DIGGING FORCE									
Boom	Length	mm (ft.in)	6,550 (21' 6")		7,060 (23' 2")			9,000 (29' 6")	
	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")
	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	
		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

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





# 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**
- 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)

Leveling **4%**  
Loading **6%**



\* 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.

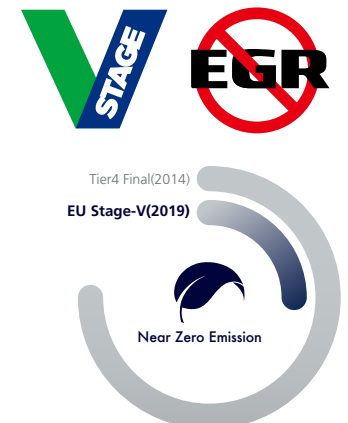


### Automatic Engine Shutdown

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.

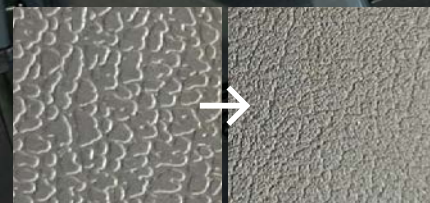


### Lifting Mode

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 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 provides 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



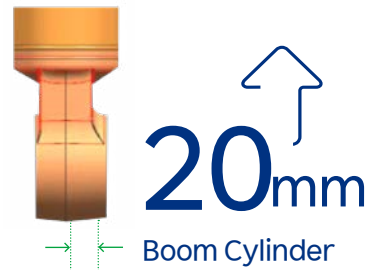
Reinforced Durability of Upper and Lower Structure and Attachments

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 cyinder 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 prevents abrasion

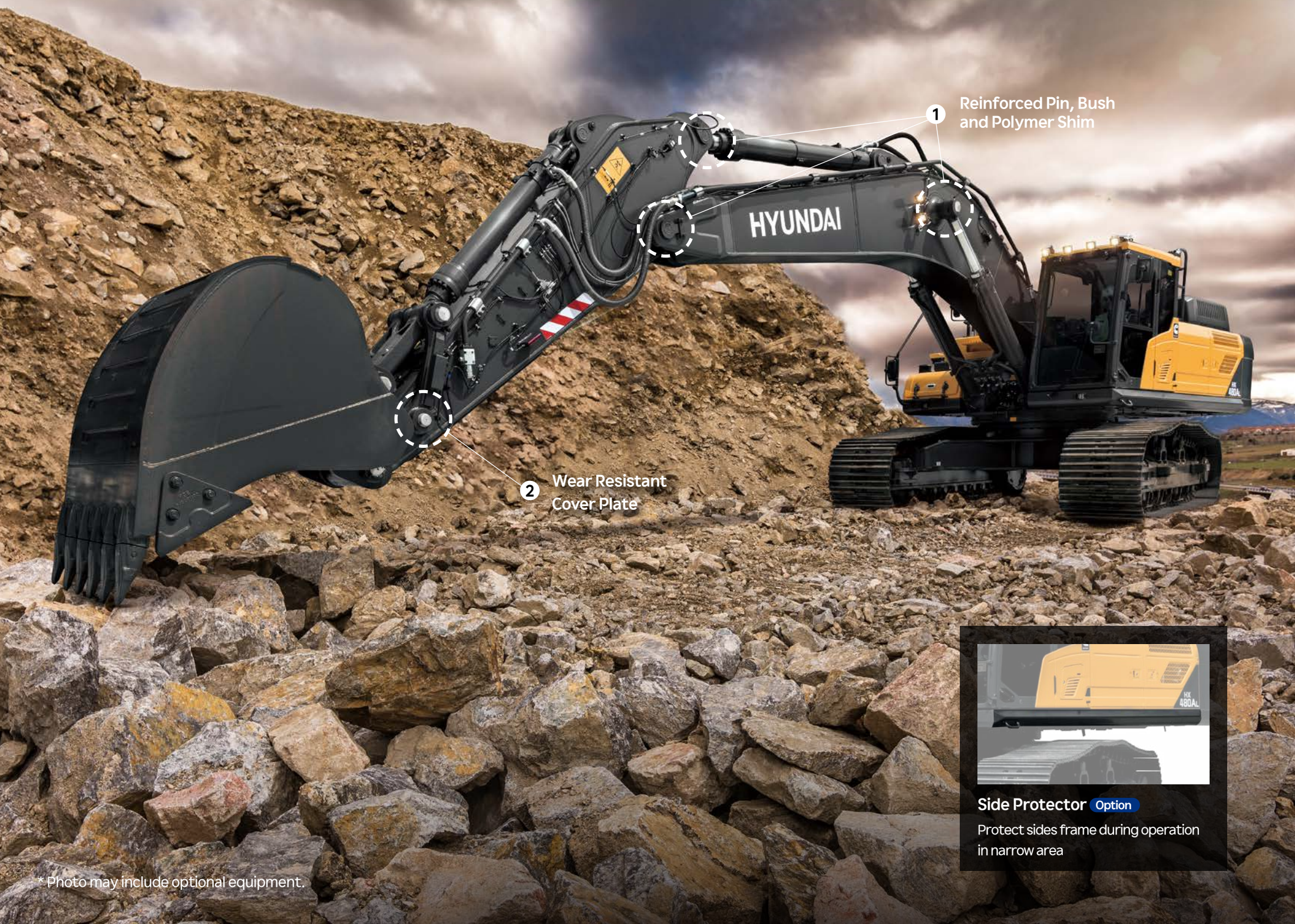


Durable Cooling Module

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.



Side Protector **Option**

Protect sides frame during operation in narrow area

\* 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



## 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.

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.



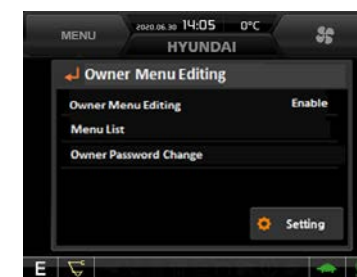
## Integrated Audio System **Option**

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).

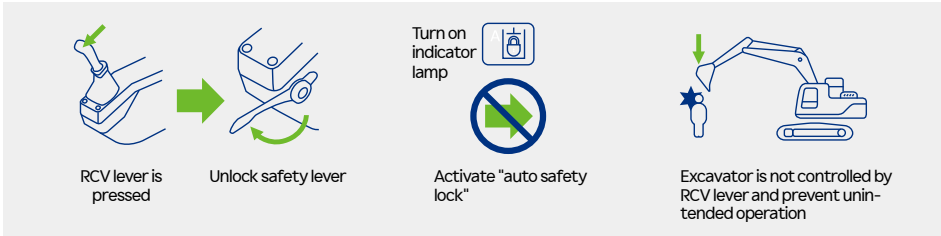


# HX480A L / HX520A L with advanced technology ensures our safety on a construction site.

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.

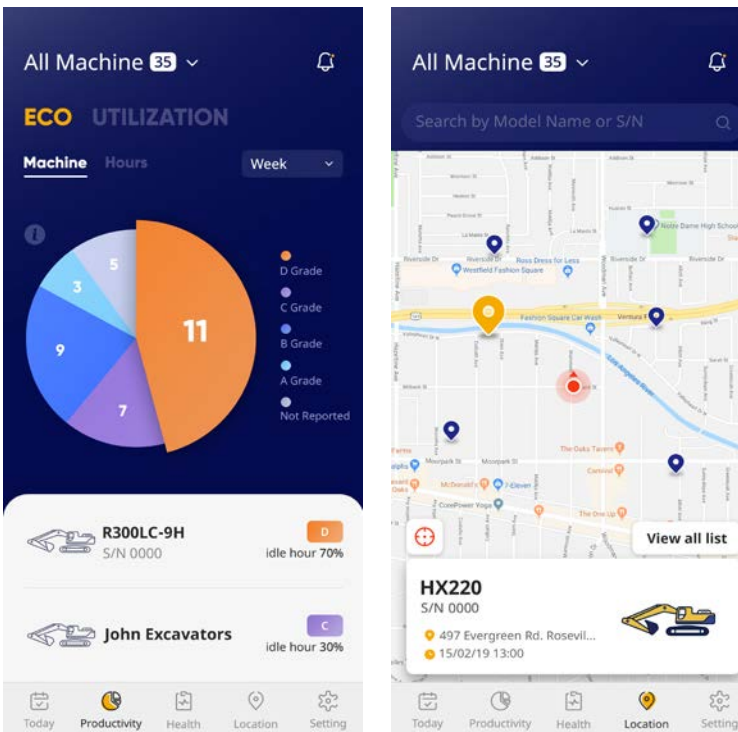
### ECD(Engine Connected Diagnostics) Option

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.



### 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 <sup>2</sup> (4,694 psi)
Travel	360 kgf/cm <sup>2</sup> (5,120 psi)
Power Boost (Boom, Arm, Bucket)	360 kgf/cm <sup>2</sup> (5,120 psi)
Swing Circuit	285 kgf/cm <sup>2</sup> (4,053 psi)
Pilot Circuit	40 kgf/cm <sup>2</sup> (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

		liter	US gal	UK gal
Max. flow				
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	
Type	Width	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
		kg	kgf/cm <sup>2</sup>	kg	kgf/cm <sup>2</sup>
Triple Grouser	600	50,200	0.87	53,560	0.93
	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

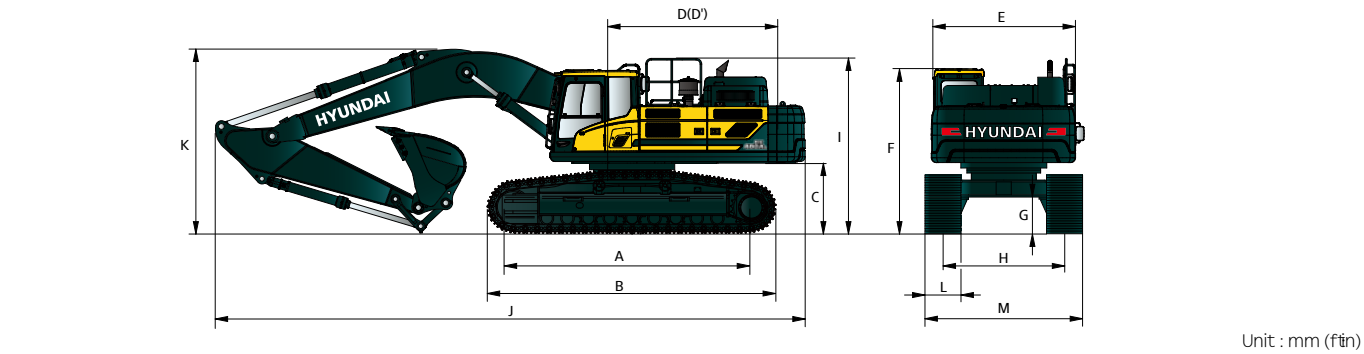
AIR CONDITIONING SYSTEM

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



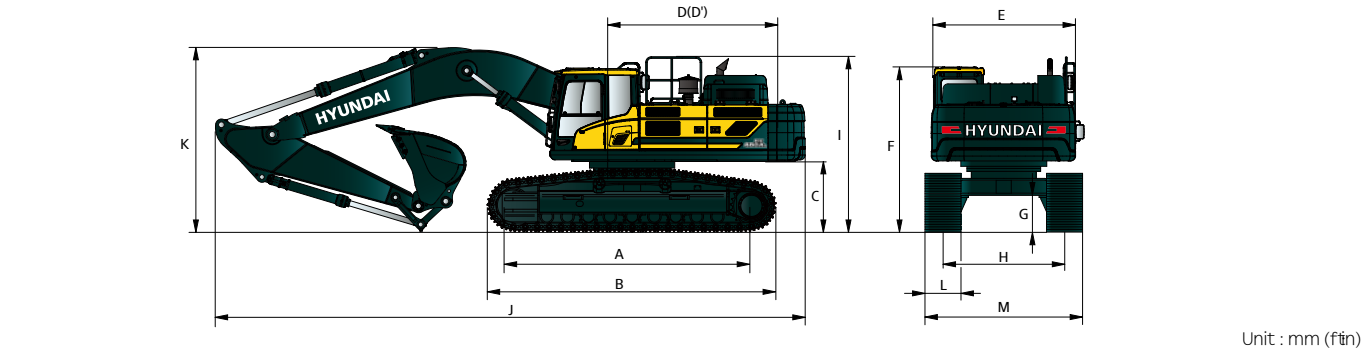
A	Tumbler Distance	4,475 (14' 8")
B	Overall Length of Crawler	5,482 (18' 0")
*C	Ground Clearance of Counter Weight	1,340 (4' 5")
D	Tail Swing Radius	3,800 (12' 6")
D'	Rear-end Length	3,665 (12' 0")
E	Overall Width of Upper Structure	2,890 (9' 6")
*F	Overall Height of Cab	3,295 (10' 10")
*G	Min. Ground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

\* 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")	2,550 (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")		

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



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")
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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")

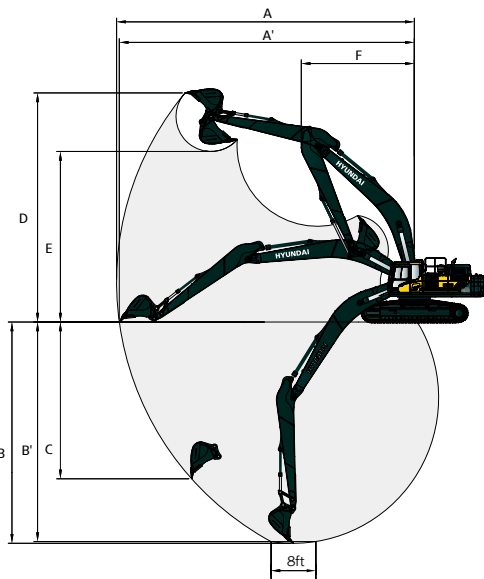
\* This figure includes the size of grousers.

Boom Length	6,550 (21' 6")	7,060 (23' 2")				9,000 (29' 6")
Arm Length	2,550 (8' 4")	2,550 (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")	



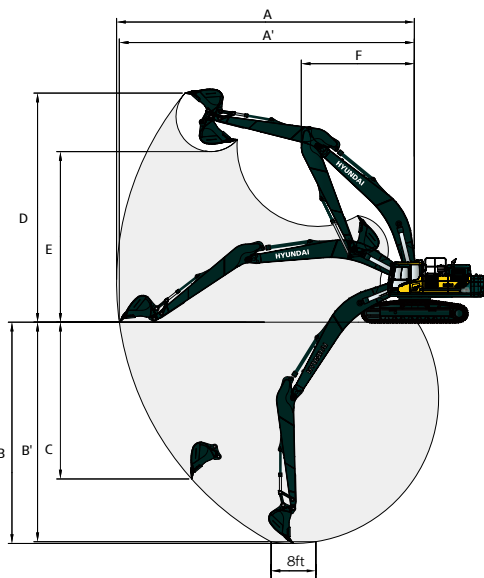
WORKING RANGE

HX480A L 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	10,805 (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")	
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

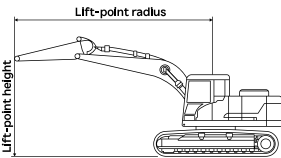
6.55 m (21' 6") boom, 2.40 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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
7.5 m	kg					*13,490	*13,490			*13,020	12,480
24.6 ft	lb					*29,740	*29,740			*28,700	27,510
6.0 m	kg					*14,200	*14,200	*12,660	10,810	*12,460	10,010
19.7 ft	lb					*31,310	*31,310	*27,910	23,830	*27,470	22,070
4.5 m	kg					*15,640	14,670	*13,150	10,520	*12,240	8,770
14.8 ft	lb					*34,480	32,340	*28,990	23,190	*26,980	19,330
3.0 m	kg					*17,160	13,910	*13,820	10,150	*12,170	8,160
9.8 ft	lb					*37,830	30,670	*30,470	22,380	*26,830	17,990
1.5 m	kg					*18,060	13,340	*14,270	9,830	*12,170	7,980
4.9 ft	lb					*39,820	29,410	*31,460	21,670	*26,830	17,590
0.0m	kg					*17,980	13,050	*14,150	9,640	*12,150	8,210
0.0ft	lb					*39,640	28,770	*31,200	21,250	*26,790	18,100
-1.5 m	kg			*21,260	19,970	*16,800	13,010	*13,080	9,620	*12,000	8,980
-4.9 ft	lb			*46,870	44,030	*37,040	28,680	*28,840	21,210	*26,460	19,800
-3.0 m	kg	*20,090	*20,090	*17,780	*17,780	*14,170	13,210			*11,390	10,720
-9.8 ft	lb	*44,290	*44,290	*39,200	*39,200	*31,240	29,120			*25,110	23,630

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)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0 m	kg											*12,640	*12,640	5.73
29.5 ft	lb											*27,870	*27,870	(18.8)
7.5 m	kg					*13,260	*13,260					*11,420	*11,420	7.17
24.6 ft	lb					*29,230	*29,230					*25,180	*25,180	(23.5)
6.0 m	kg					*14,050	*14,050	*12,530	10,910			*11,020	9,620	8.09
19.7 ft	lb					*30,970	*30,970	*27,620	24,050			*24,290	21,210	(26.5)
4.5 m	kg			*20,450	*20,450	*15,540	14,830	*13,090	10,620			*11,080	8,500	8.65
14.8 ft	lb			*45,080	*45,080	*34,260	32,690	*28,860	23,410			*24,430	18,740	(28.4)
3.0 m	kg					*17,130	14,080	*13,820	10,260			*11,510	7,940	8.92
9.8 ft	lb					*37,770	31,040	*30,470	22,620			*25,380	17,500	(29.3)
1.5 m	kg					*18,140	13,510	*14,330	9,940			*11,910	7,780	8.93
4.9 ft	lb					*39,990	29,780	*31,590	21,910			*26,260	17,150	(29.3)
0.0m	kg			*22,600	20,060	*18,170	13,200	*14,290	9,740			*11,880	8,000	8.69
0.0ft	lb			*49,820	44,220	*40,060	29,100	*31,500	21,470			*26,190	17,640	(28.5)
-1.5 m	kg			*21,830	20,130	*17,110	13,130	*13,350	9,690			*11,710	8,710	8.16
-4.9 ft	lb			*48,130	44,380	*37,720	28,950	*29,430	21,360			*25,820	19,200	(26.8)
-3.0 m	kg	*21,500	*21,500	*18,470	*18,470	*14,650	13,290					*11,130	10,280	7.28
-9.8 ft	lb	*47,400	*47,400	*40,720	*40,720	*32,300	29,300					*24,540	22,660	(23.9)
-4.5 m	kg			*12,770	*12,770							*9,300	*9,300	5.90
-14.8 ft	lb			*28,150	*28,150							*20,500	*20,500	(19.4)

- 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

HX480A L

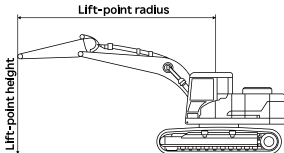
7.06 m (23' 2") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe. (without bucket)

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)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0 m	kg											*12,320	*12,320	6.55
29.5 ft	lb											*27,160	*27,160	(21.5)
7.5 m	kg							*11,710	10,990			*11,350	10,150	7.84
24.6 ft	lb							*25,820	24,230			*25,020	22,380	(25.7)
6.0 m	kg					*13,770	*13,770	*11,980	10,810			*11,020	8,490	8.69
19.7 ft	lb					*30,360	*30,360	*26,410	23,830			*24,290	18,720	(28.5)
4.5 m	kg					*15,410	14,460	*12,710	10,440	*11,200	7,900	*11,070	7,600	9.21
14.8 ft	lb					*33,970	31,880	*28,020	23,020	*24,690	17,420	*24,410	16,760	(30.2)
3.0 m	kg					*17,010	13,660	*13,500	10,030	*11,470	7,710	*10,990	7,140	9.47
9.8 ft	lb					*37,500	30,120	*29,760	22,110	*25,290	17,000	*24,320	15,740	(31.1)
1.5 m	kg					*17,890	13,110	*14,050	9,690	*11,630	7,540	*10,970	7,010	9.48
4.9 ft	lb					*39,440	28,900	*30,970	21,360	*25,640	16,620	*24,180	15,450	(31.1)
0.0m	kg					*17,820	12,840	*14,080	9,480	*11,380	7,440	*10,930	7,180	9.25
0.0ft	lb					*39,290	28,310	*31,040	20,900	*25,090	16,400	*24,100	15,830	(30.3)
-1.5 m	kg			*20,840	19,760	*16,830	12,810	*13,390	9,430			*10,780	7,740	8.75
-4.9 ft	lb			*45,940	43,560	*37,100	28,240	*29,520	20,790			*23,770	17,060	(28.7)
-3.0 m	kg	*19,580	*19,580	*18,070	*18,070	*14,800	12,960	*11,510	9,570			*10,330	8,920	7.94
-9.8 ft	lb	*43,170	*43,170	*39,840	*39,840	*32,630	28,570	*25,380	21,100			*22,770	19,670	(26.1)
-4.5 m	kg			*13,620	*13,620	*10,950	*10,950					*9,050	*9,050	6.71
-14.8 ft	lb			*30,030	*30,030	*24,140	*24,140					*19,950	*19,950	(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)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0 m	kg											*11,090	*11,090	6.86
29.5 ft	lb											*24,450	*24,450	(22.5)
7.5 m	kg							*11,090	11,040			*10,430	9,650	8.10
24.6 ft	lb							*24,450	24,340			*22,990	21,270	(26.6)
6.0 m	kg					*13,110	*13,110	*11,460	10,800			*10,260	8,110	8.92
19.7 ft	lb					*28,900	*28,900	*25,260	23,810			*22,620	17,880	(29.3)
4.5 m	kg					*14,750	14,480	*12,230	10,400	*10,790	7,840	*10,430	7,260	9.43
14.8 ft	lb					*32,520	31,920	*26,960	22,930	*23,790	17,280	*22,990	16,010	(30.9)
3.0 m	kg					*16,420	13,610	*13,090	9,940	*11,140	7,620	*10,490	6,810	9.68
9.8 ft	lb					*36,200	30,000	*28,860	21,910	*24,560	16,800	*23,130	15,010	(31.8)
1.5 m	kg					*17,480	12,960	*13,720	9,560	*11,390	7,410	*10,530	6,660	9.69
4.9 ft	lb					*38,540	28,570	*30,250	21,080	*25,110	16,340	*23,210	14,680	(31.8)
0.0m	kg					*17,630	12,620	*13,880	9,310	*11,310	7,270	*10,580	6,800	9.47
0.0ft	lb					*38,870	27,820	*30,600	20,530	*24,930	16,030	*23,320	14,990	(31.1)
-1.5 m	kg			*21,440	19,310	*16,880	12,540	*13,390	9,220			*10,550	7,280	8.98
-4.9 ft	lb			*47,270	42,570	*37,210	27,650	*29,520	20,330			*23,260	16,050	(29.5)
-3.0 m	kg	*21,910	*21,910	*18,830	*18,830	*15,130	12,650	*11,900	9,310			*10,320	8,320	8.20
-9.8 ft	lb	*48,300	*48,300	*41,510	*41,510	*33,360	27,890	*26,230	20,530			*22,750	18,340	(26.9)
-4.5 m	kg			*14,740	*14,740	*11,860	*11,860					*9,500	*9,500	7.01
-14.8 ft	lb			*32,500	*32,500	*26,150	*26,150					*20,940	*20,940	(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)		9.0m (29.5ft)		Capacity		Reach
														m (ft)
9.0 m	kg											*7,670	*7,670	7.44
29.5 ft	lb											*16,910	*16,910	(24.4)
7.5 m	kg							*10,410	*10,410			*7,250	*7,250	8.60
24.6 ft	lb							*22,950	*22,950			*15,980	*15,980	(28.2)
6.0 m	kg							*10,910	*10,910	*9,970	8,090	*7,160	*7,160	9.38
19.7 ft	lb							*24,050	*24,050	*21,980	17,840	*15,790	*15,790	(30.8)
4.5 m	kg			*18,520	*18,520	*14,070	*14,070	*11,770	10,520	*10,400	7,910	*7,280	6,790	9.86
14.8 ft	lb			*40,830	*40,830	*31,020	*31,020	*25,950	23,190	*22,930	17,440	*16,050	14,970	(32.4)
3.0 m	kg			*22,310	20,880	*15,900	13,850	*12,730	10,050	*10,860	7,660	*7,610	6,390	10.10
9.8 ft	lb			*49,190	46,030	*35,050	30,530	*28,060	22,160	*23,940	16,890	*16,780	14,090	(33.1)
1.5 m	kg			*16,400	*16,400	*17,220	13,140	*13,510	9,640	*11,240	7,430	*8,180	6,250	10.11
4.9 ft	lb			*36,160	*36,160	*37,960	28,970	*29,780	21,250	*24,780	16,380	*18,030	13,780	(33.2)
0.0m	kg			*18,730	*18,730	*17,690	12,720	*13,860	9,340	*11,330	7,260	*9,100	6,360	9.90
0.0ft	lb			*41,290	*41,290	*39,000	28,040	*30,560	20,590	*24,980	16,010	*20,060	14,020	(32.5)
-1.5 m	kg	*13,500	*13,500	*22,500	19,300	*17,250	12,560	*13,600	9,200	*10,900	7,190	*10,130	6,760	9.43
-4.9 ft	lb	*29,760	*29,760	*49,600	42,550	*38,030	27,690	*29,980	20,280	*24,030	15,850	*22,330	14,900	(31.0)
-3.0 m	kg	*21,470	*21,470	*20,180	19,490	*15,850	12,600	*12,490	9,230			*10,050	7,610	8.69
-9.8 ft	lb	*47,330	*47,330	*44,490	42,970	*34,940	27,780	*27,540	20,350			*22,160	16,780	(28.5)
-4.5 m	kg	*20,180	*20,180	*16,530	*16,530	*13,150	12,850	*9,790	9,480			*9,580	9,360	7.58
-14.8 ft	lb	*44,490	*44,490	*36,440	*36,440	*28,990	28,330	*21,580	20,900			*21,120	20,640	(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)	9.0m (29.5ft)	10.5m (34.4ft)	Capacity	Reach									
														m (ft)					
9.0 m	kg																		
29.5 ft	lb																		
7.5 m	kg																		
24.6 ft	lb																		
6.0 m	kg																		
19.7 ft	lb																		
4.5 m	kg																		
14.8 ft	lb																		
3.0 m	kg																		
9.8 ft	lb																		
1.5 m	kg																		
4.9 ft	lb																		
0.0m	kg																		
0.0ft	lb																		
-1.5 m	kg																		
-4.9 ft	lb																		
-3.0 m	kg																		
-9.8 ft	lb																		
-4.5 m	kg																		
-14.8 ft	lb																		
-6.0 m	kg																		
-19.7 ft	lb																		













LIFTING CAPACITY

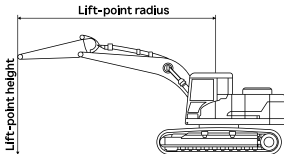
 Rating over-front    Rating over-side or 360 degree

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	kg									*2,480	*2,480	11.56
34.4	lb									*5,470	*5,470	(37.9)
9.0	kg									*2,400	*2,400	12.52
29.5	lb									*5,290	*5,290	(41.1)
7.5 m	kg									*2,370	*2,370	13.23
24.6 ft	lb									*5,220	*5,220	(43.4)
6.0 m	kg									*2,400	*2,400	13.75
19.7 ft	lb									*5,290	*5,290	(45.1)
4.5 m	kg									*2,470	*2,470	14.08
14.8 ft	lb									*5,450	*5,450	(46.2)
3.0 m	kg					*17,810	*17,810	*12,560	*12,560	*2,590	*2,590	14.25
9.8 ft	lb					*39,260	*39,260	*27,690	*27,690	*5,710	*5,710	(46.7)
1.5 m	kg					*11,630	*11,630	*14,190	12,900	*2,770	*2,770	14.26
4.9 ft	lb					*25,640	*25,640	*31,280	28,440	*6,110	*6,110	(46.8)
0.0m	kg					*10,370	*10,370	*15,210	12,020	*3,020	*3,020	14.10
0.0ft	lb					*22,860	*22,860	*33,530	26,500	*6,660	*6,660	(46.3)
-1.5 m	kg	*5,890	*5,890	*7,150	*7,150	*11,470	*11,470	*15,590	11,520	*3,370	*3,370	13.79
-4.9 ft	lb	*12,990	*12,990	*15,760	*15,760	*25,290	*25,290	*34,370	25,400	*7,430	*7,430	(45.2)
-3.0 m	kg	*7,980	*7,980	*9,520	*9,520	*13,520	*13,520	*15,430	11,300	*3,860	3,590	13.29
-9.8 ft	lb	*17,590	*17,590	*20,990	*20,990	*29,810	*29,810	*34,020	24,910	*8,510	7,910	(43.6)
-4.5	kg	*10,200	*10,200	*12,070	*12,070	*16,210	*16,210	*14,770	11,270	*4,610	3,900	12.60
-14.8	lb	*22,490	*22,490	*26,610	*26,610	*35,740	*35,740	*32,560	24,850	*10,160	8,600	(41.3)
-6.0	kg	*12,580	*12,580	*14,900	*14,900	*17,400	*17,400	*13,600	11,400	*5,810	4,420	11.67
-19.7	lb	*27,730	*27,730	*32,850	*32,850	*38,360	*38,360	*29,980	25,130	*12,810	9,740	(38.3)
-7.5	kg			*18,180	*18,180	*14,800	*14,800	*11,810	11,680	*6,070	5,320	10.44
-24.6	lb			*40,080	*40,080	*32,630	*32,630	*26,040	25,750	*13,380	11,730	(34.3)
-9.0	kg					*11,160	*11,160	*9,100	*9,100	*5,710	*5,710	8.79
-29.5	lb					*24,600	*24,600	*20,060	*20,060	*12,590	*12,590	(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.



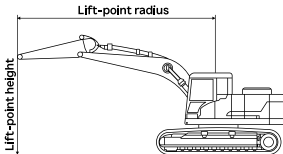
 Rating over-front    Rating over-side or 360 degree

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

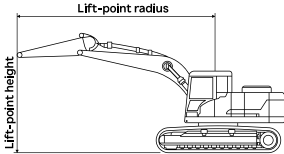
6.55 m (21' 6") boom, 2.55 m (8' 4") arm equipped with 600 mm (24") triple grouser shoe.

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		Reach
												m (ft)
9.0m	kg											6.31
29.5ft	lb											(20.7)
7.5m	kg							*11,790	*11,790			7.61
24.6ft	lb							*25,990	*25,990			(25.0)
6.0m	kg					*13,430	*13,430	*11,920	*11,920			8.45
19.7ft	lb					*29,610	*29,610	*26,280	*26,280			(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	*25,150	18,960	(30.2)
1.5m	kg			*19,880	*19,880	*17,610	14,910	*13,890	10,900	*11,490	8,420	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			7.51
-9.8ft	lb	*49,520	*49,520	*40,720	*40,720	*32,010	*32,010	*23,550	*23,550			(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 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

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		Reach
												m (ft)
9.0m	kg											6.71
29.5ft	lb											(22.0)
7.5m	kg							*11,560	*11,560			7.94
24.6ft	lb							*25,490	*25,490			(26.1)
6.0m	kg					*13,750	*13,750	*11,880	*11,880			8.75
19.7ft	lb					*30,310	*30,310	*26,190	*26,190			(28.7)
4.5m	kg					*15,380	*15,380	*12,620	11,550	*11,070	8,750	9.25
14.8ft	lb					*33,910	*33,910	*27,820	25,460	*24,410	19,290	(30.3)
3.0m	kg					*16,910	15,190	*13,390	11,120	*11,340	8,560	9.48
9.8ft	lb					*37,280	33,490	*29,520	24,520	*25,000	18,870	(31.1)
1.5m	kg					*17,700	14,640	*13,880	10,780	*11,470	8,380	9.47
4.9ft	lb					*39,020	32,280	*30,600	23,770	*25,290	18,470	(31.1)
0.0m	kg					*17,530	14,400	*13,850	10,580	*11,160	8,290	9.21
0.0ft	lb					*38,650	31,750	*30,530	23,320	*24,600	18,280	(30.2)
-1.5m	kg			*20,350	*20,350	*16,450	14,390	*13,080	10,550			8.69
-4.9ft	lb			*44,860	*44,860	*36,270	31,720	*28,840	23,260			(28.5)
-3.0m	kg	*18,970	*18,970	*17,470	*17,470	*14,320	*14,320	*11,040	10,730			7.84
-9.8ft	lb	*41,820	*41,820	*38,510	*38,510	*31,570	*31,570	*24,340	23,660			(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	31,390	*30,290	23,040	*24,600	17,990	*22,880	16,780	(31.1)
-1.5m	kg			*21,050	*21,050	*16,610	14,180	*13,170	10,380			*10,310	8,200	8.98
-4.9ft	lb			*46,410	*46,410	*36,620	31,260	*29030	22,880			*22,730	18,080	(29.5)
-3.0m	kg	*21,360	*21,360	*18,340	*18,340	*14,760	14,330	*11,550	10,510			*10,000	9,440	8.16
-9.8ft	lb	*47,090	*47,090	*40,430	*40,430	*32,540	31,590	*25,460	23,170			*22,050	20,810	(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)















LIFTING CAPACITY













 Rating over-front    Rating over-side or 360 degree

HX520A L

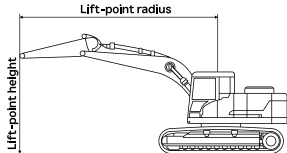
7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 600 mm (24") triple grouser shoe.

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							*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	9,030	*8,830	8,280	9.46
19.7ft	lb							*24,030	*24,030	*22,070	19,910	*19,470	18,250	(31.0)
4.5m	kg			*18,770	*18770	*14,140	*14,140	*11,770	11,690	*10,360	8,820	*8,980	7,530	9.92
14.8ft	lb			*41,380	*41380	*31,170	*31,170	*25,950	25,770	*22,840	19,440	*19,800	16,600	(32.5)
3.0m	kg					*15,920	15,450	*12,710	11,200	*10,820	8,560	*9,390	7,130	10.13
9.8ft	lb					*35,100	34,060	*28,020	24,690	*23,850	18,870	*20,700	15,720	(33.2)
1.5m	kg					*17,160	14,740	*13,450	10,780	*11,170	8,330	*9,890	7,020	10.12
4.9ft	lb					*37,830	32,500	*29,650	23,770	*24,630	18,360	*21,800	15,480	(33.2)
0.0m	kg			*17,510	*17,510	*17,540	14,330	*13,750	10,500	*11,230	8,160	*9,970	7,170	9.88
0.0ft	lb			*38,600	*38,600	*38,670	31,590	*30,310	23,150	*24,760	17,990	*21,980	15,810	(32.4)
-1.5m	kg	*12,800	*12,800	*22,130	22,020	*17,010	14,190	*13,420	10,370	*10,720	8,100	*10,000	7,660	9.40
-4.9ft	lb	*28,220	*28,220	*48,790	48,550	*37,500	31,280	*29,590	22,860	*23,630	17,860	*22,050	16,890	(30.8)
-3.0m	kg	*21,350	*21,350	*19,710	*19,710	*15,510	14,270	*12,210	10,420			*9,880	8,680	8.62
-9.8ft	lb	*47,070	*47,070	*43,450	*43,450	*34,190	31,460	*26,920	22,970			*21,780	19,140	(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)

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							*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	9,170	*8,830	8,420	9.46
19.7ft	lb							*24,030	*24,030	*22,070	20,220	*19,470	18,560	(31.0)
4.5m	kg			*18,770	*18,770	*14,140	*14,140	*11,770	*11,770	*10,360	8,970	*8,980	7,660	9.92
14.8ft	lb			*41,380	*41,380	*31,170	*31,170	*25,950	*25,950	*22,840	19,780	*19,800	16,890	(32.5)
3.0m	kg					*15,920	15,700	*12,710	11,390	*10,820	8,710	*9,390	7,260	10.13
9.8ft	lb					*35,100	34,610	*28,020	25,110	*23,850	19,200	*20,700	16,010	(33.2)
1.5m	kg					*17,160	14,990	*13,450	10,970	*11,170	8,470	*9,890	7,150	10.12
4.9ft	lb					*37,830	33,050	*29,650	24,180	*24,630	18,670	*21,800	15,760	(33.2)
0.0m	kg			*17,510	*17,510	*17,540	14,580	*13,750	10,680	*11,230	8,310	*9,970	7,310	9.88
0.0ft	lb			*38,600	*38,600	*38,670	32,140	*30,310	23,550	*24,760	18,320	*21,980	16,120	(32.4)
-1.5m	kg	*12,800	*12,800	*22,130	*22,130	*17,010	14,440	*13,420	10,560	*10,720	8,250	*10,000	7,810	9.40
-4.9ft	lb	*28,220	*28,220	*48,790	*48,790	*37,500	31,830	*29,590	23,280	*23,630	18,190	*22,050	17,220	(30.8)
-3.0m	kg	*21,350	*21,350	*19,710	*19,710	*15,510	14,520	*12,210	10,610			*9,880	8,840	8.62
-9.8ft	lb	*47,070	*47,070	*43,450	*43,450	*34,190	32,010	*26,920	23,390			*21,780	19,490	(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)













- | 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

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															*7,310	*7,310	8.33
29.5ft	lb															*16,120	*16,120	(27.3)
7.5m	kg															*6,990	*6,990	9.35
24.6ft	lb															*15,410	*15,410	(30.7)
6.0m	kg															*6,930	*6,930	10.05
19.7ft	lb															*15,280	*15,280	(33.0)
4.5m	kg															*7,050	6,970	10.48
14.8ft	lb															*15,540	15,370	(34.4)
3.0m	kg															*7,350	6,630	10.69
9.8ft	lb															*16,200	14,620	(35.1)
1.5m	kg															*7,860	6,510	10.67
4.9ft	lb															*17,330	14,350	(35.0)
0.0m	kg															*8,670	6,630	10.45
0.0ft	lb															*19,110	14,620	(34.3)
-1.5m	kg															*9,490	7,020	9.99
-4.9ft	lb															*20,920	15,480	(32.8)
-3.0m	kg															*9,500	7,800	9.27
-9.8ft	lb															*20,940	17,200	(30.4)
-4.5m	kg															*9,250	*9,250	8.21
-14.8ft	lb															*20,390	*20,390	(26.9)
-6.0m	kg															*8,240	*8,240	6.65
-19.7ft	lb															*18,170	*18,170	(21.8)

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)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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10.5m 34.4ft	kg lb																			*4,050 *8,930	*4,050 *8,930	11.58 (38.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
9.0m 29.5ft	kg lb															*4,970 *10,960	*4,970 *10,960				*3,950 *8,710	*3,950 *8,710	12.52 (41.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
7.5m 24.6ft	kg lb															*5,950 *13,120	*5,950 *13,120	*5,630 *12,410				*3,940 *8,690	*3,940 *8,690	13.22 (43.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
6.0m 19.7ft	kg lb															*6,290 *13,870	*6,290 *13,870	*5,830 *12,850	*5,830 *12,850	*4,580 *10,100	*4,580 *10,100	*3,990 *8,800	*3,990 *8,800	13.71 (45.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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BUCKET SELECTION GUIDE

HX480A L BUCKETS												
Type	Capacity m³ (yd³)		Width mm (in)	Weight kg (lb)	Tooth (EA)	Recommendation mm (ft.in)						
						6,550 (21' 6") Boom		7,060 (23' 2") Boom				9,000 (29' 6") Boom
	SAE Heaped	CECE Heaped				2,550 (8' 4") Arm	2,900 (9' 6") Arm	2,550 (8' 4") Arm	2,900 (9' 6") Arm	3,380 (11' 1") Arm	4,000 (13' 1") Arm	6,000 (19' 8") Arm
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 m³ (yd³)		Width mm (in)	Weight kg (lb)	Tooth (EA)	Recommendation mm (ft.in)						
						6,550 (21' 6") Boom		7,060 (23' 2") Boom				9,000 (29' 6") Boom
	SAE Heaped	CECE Heaped				2,550 (8' 4") Arm	2,900 (9' 6") Arm	2,550 (8' 4") Arm	2,900 (9' 6") Arm	3,380 (11' 1") Arm	4,000 (13' 1") Arm	6,000 (19' 8") Arm
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

ENGINE		HX480A L	HX520A L
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.

● : Standard    ○ : Option

SAFETY	HX480A L	HX520A L
Battery Master Switch	●	●
Rearview Camera	●	●
2nd Monior (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	○	○
Oil Quick Fit	○	○