

(TURKEY)

Gross Power (SAE J1995)
365 HP (272kW) at 2,100 rpm

Net Power (SAE J1349)
359 HP (268kW) at 2,100 rpm

Bucket Capacity
1.46m³~2.32m³

Operating Weight
39,100kg

HX400A L

With EU Stage V Engine Installed

HYUNDAI CONSTRUCTION EQUIPMENT

Head Office(Sales Office)

11F, Global R&D Center, 477 Bundang Suseo-Ro, Bundang-Gu, Seongnam-Si, Gyeonggi-Do, 13553, Korea

PLEASE CONTACT



WHAT'S NEWEST AND BEST

HX400AL

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- EU STAGE V Engine **NEW**
- Eco Report **NEW**
- IPC (Intelligent Power Control) **Upgrade**
- Fuel Rate Information
- Eco Gauge
- Automatic Engine Shutdown

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

EASY CONTROL AND COMFORTABLE OPERATION

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

THE ULTIMATE SAFE ENVIRONMENT

- Auto Safety Lock **NEW**
- AAVM **Option**
- Seatbelt Warning Alarm
- Cabin Suspension Mount

SERVICEABILITY AND TELEMATICS

- ECD (Engine Connected Diagnostics) **NEW**
- Hi MATE **Option**
- 2x Longer Lasting Filter (1000hr)
- Unnecessary Regular DPF Cleaning
Service Interval
- Mobile Fleet App.
- Connected Diagnostics



* 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%** ↑

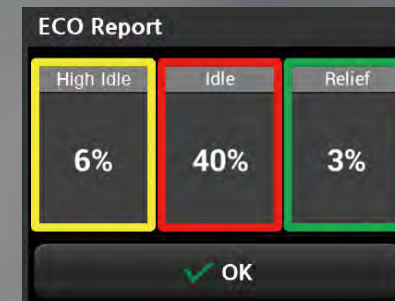
Loading **6%** ↑



ENVIRONMENTALLY FRIENDLY FUEL EFFICIENCY

Eco Report **NEW**

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.



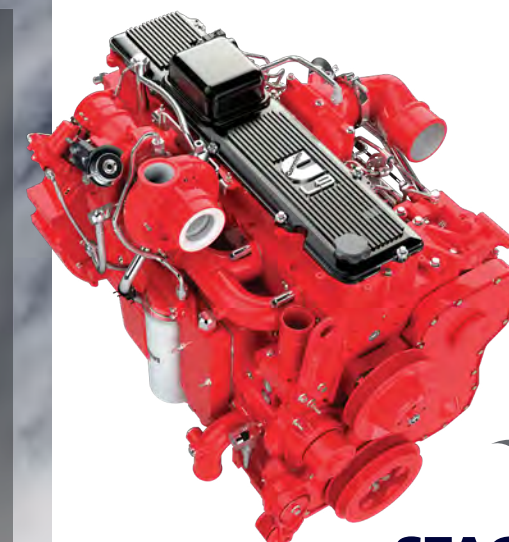
Eco Gauge

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.



STAGE V

EU STAGE V CERTIFIED ENGINE

Cummins L9 engine is satisfying the most strict environmental emission regulation in the world (Reduction in PM 60%)

EU STAGE V Engine **NEW**

Now in its fourth decade of continuous improvement, the L9 for 2019 features an EGR-free design that delivers 5 percent more power and 10 percent more peak torque than the current model. Increased fuel economy and longer maintenance intervals contribute to a reduced cost of operation.

Tier4 Final(2014)

EU Stage-V(2019)



IPC (Intelligent Power Control) **Upgrade**

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.





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.



We make the best performance
in rough working conditions
without any unsureness with
trustworthy HX400AL.

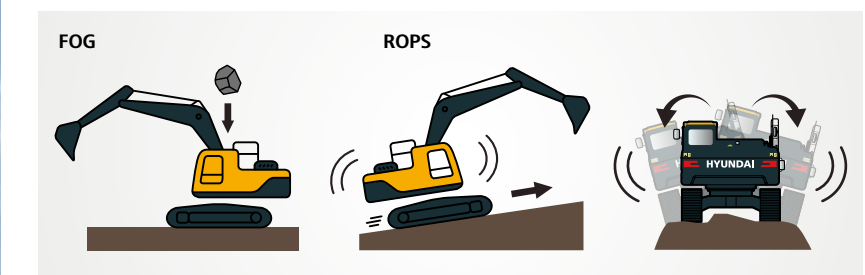


HX A Series is equipment with eco-friendly, high-performance engines that meet the EU Stage V emission requirement. Become a true leader on the ground with HX A Series.

ROPS / FOG Cabin

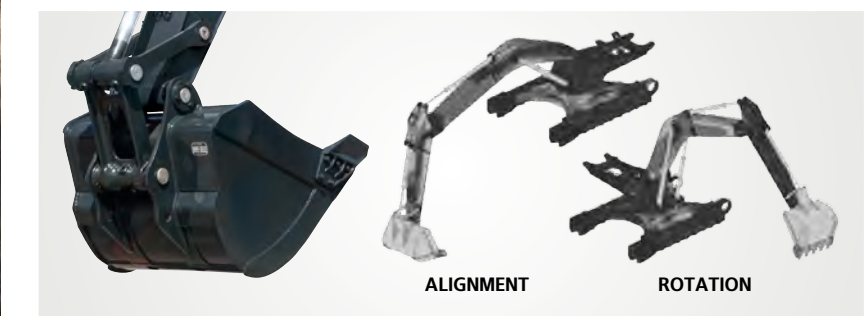
The cabin structure of Hyundai HX A Series is using integrally welded low-stress, high strength steel to meet ROPS and FOG certification.

- ROPS : Roll-Over Protective Structures ISO12117-2
- FOG : Falling Object Guard, ISO10262 Level2



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.



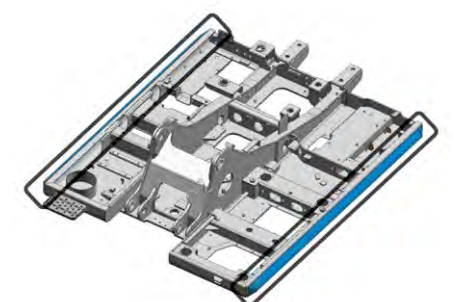
Durable Cooling Module

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



Side Protector Option

Protect sides frame during operation in narrow area



*Photo may include optional equipment.

13%

CABIN SPACE FOR DRIVERS
INCREASED BY



310mm

340mm

HYUNDAI

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.

Intelligent & Wide Cluster

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

One Pedal Travel Straight Option

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



Proportional Auxiliary Hydraulic System Option

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

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 NEW

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 NEW

Operator can maintain previously set about attachment mode when starting.



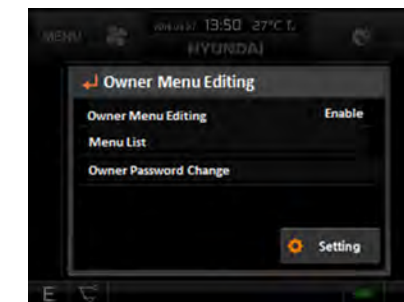
Integrated Audio System Option

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.



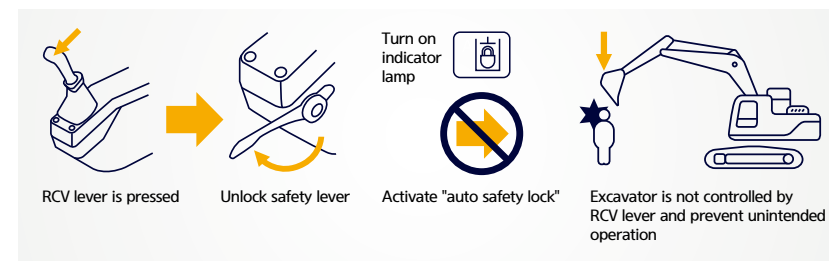
// HX400AL with advanced technology ensures our safety on a construction site. //



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 **NEW**

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 nine views including 3D bird's eye view and 2D/4CH view.
- **IMOD**(Intelligent Moving Object Detection) : Inform when people or dangerous objects are detected within the range of operation(recognition distance : 5 m).



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

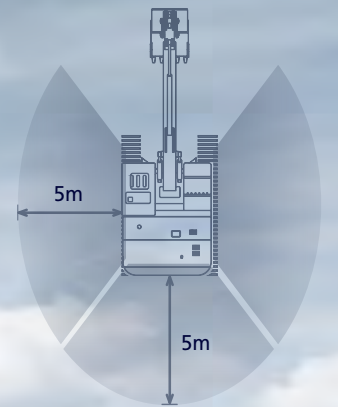
With a low-vibration design by the coil spring and damper inside the mount, the cab suspension mount of HX A Series reduces noise inside the cabin and improves durability, providing a comfortable operation space that lessens operators' fatigue.



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.



OBJECT
DETECTION



*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.



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 actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.



Convenient and Easy Monitoring

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



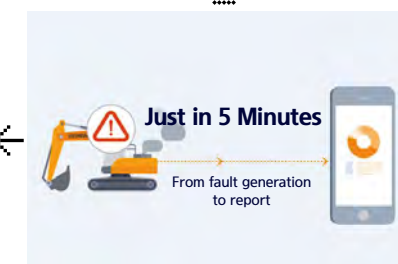
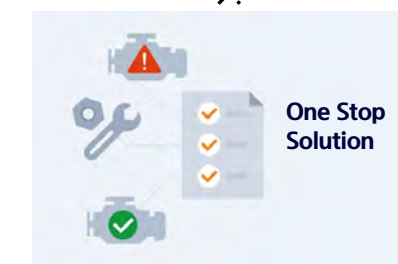
Security

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

ECD(Engine Connected Diagnostics) **NEW**

It supports service technician with remote diagnostics report and ensure it arrive on site with proper tools after preparing in advance.

We are all connected



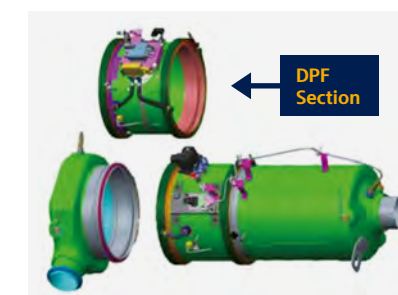
2x Longer Lasting Filter (1,000hr)

The service interval of engine-oil, engine-oil filter and fuel filters have been increased from 500 hours to 1,000 hours

Unnecessary Regular DPF Cleaning Service Interval

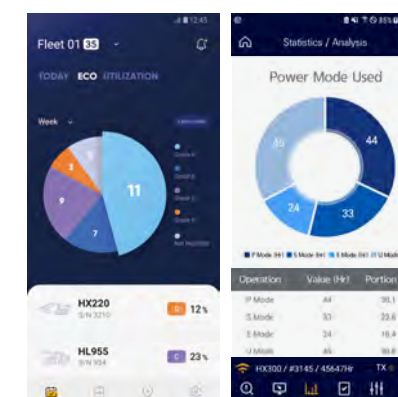
Regular ash cleaning for DPF is not necessary, only needed as indicated by fault-indicator lamp.

200%
IMPROVED



Mobile Fleet App.

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. The new Mobile App sorts equipment in order of eco-index, utilization-index and fault code level automatically so that urgent equipment pops up automatically.



Hi MATE Fleet App

HCE-DT AIR App

Connected Diagnostics

HCE-DT Air connect you and your equipment wirelessly via smartphone and laptop right on site. You can diagnose root causes and troubleshoot for fault codes through the connection. Engine connected diagnostics is a kind of cooperated remote diagnostics service between Cummins cloud and Hi MATE cloud. It enables you get engine diagnostics report by cloud based fault code analysis in real-time and prepare parts, tools necessary in advance. It will help increase first visit fix rates.

SPECIFICATIONS

| ENGINE | |
|-------------------------|---|
| Maker / Model | Cummins / L9 |
| Type | 6 cylinder, water cooled, 4-cycle, turbocharged, charge air cooled, direct injection, electronic controlled diesel engine |
| Gross Power (SAE J1995) | 365 HP (272kW) at 2,100 rpm |
| Net Power (SAE J1349) | 359 HP (268kW) at 2,100 rpm |
| Max. Power | 380 HP (283kW) at 1,800 rpm |
| Max. Torque | 1,795 N · m (1,324 lb·ft) at 1,400 rpm |
| Piston Displacement | 8,900 cc (543 cu in) |

| HYDRAULIC SYSTEM | |
|----------------------------|--|
| MAIN PUMP | |
| Type | Variable displacement tandem axis piston pumps |
| Max. Flow | 2x340 lpm (89.8U.S.gpm/74.8U.K.gpm) |
| Sub-Pump For Pilot Circuit | Gear pump |

Cross-sensing and fuel saving pump system.

| HYDRAULIC MOTORS | |
|------------------|--|
| Travel | Variable displacement axial piston motor |
| Swing | Axial piston motor |

| RELIEF VALVE SETTING | |
|---------------------------------|----------------------|
| Implement Circuits | 330kgf/cm²(4,693psi) |
| Travel | 360kgf/cm²(5,120psi) |
| Power Boost (Boom, Arm, Bucket) | 360kgf/cm²(5,120psi) |
| Swing Circuit | 290kgf/cm²(4,125psi) |
| Pilot Circuit | 40 kgf/cm² (570 psi) |
| Service Valve | Installed |

| HYDRAULIC CYLINDERS | |
|---------------------|-----------------------|
| No. of Cylinder | Boom : Ø160x1500 mm |
| Bore X Stroke | Arm :Ø170x1760 mm |
| | Bucket : Ø150x1295 mm |

| DRIVES & BRAKES | |
|--------------------------------|-------------------------------------|
| Drive Method | Fully hydrostatic type |
| Drive Motor | Axial piston motor, in-shoe design |
| Reduction System | Planetary reduction gear |
| Max. Drawbar Pull | 32,517kgf(71,688lbf) |
| Max. Travel Speed (High / Low) | 5.7km/hr(3.5mph) / 3.5km/hr(2.2mph) |
| Gradeability | 35° (70%) |
| Parking Brake | Multi wet disc |

| CONTROL | |
|---|---|
| Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation. | |
| Pilot Control | Two joysticks with one safety lever (LH) : Swing and arm, Boom and bucket |
| Traveling and Steering | Two levers with pedals |
| Engine Throttle | Electric, dial type |

| SWING SYSTEM | |
|---------------------------|---------------------------------------|
| Swing Motor | Fixed displacement axial piston motor |
| Swing Reduction | Planetary gear reduction |
| Swing Bearing Lubrication | Grease-bathed |
| Swing Brake | Multi wet disc |
| Swing Speed | 10.4 rpm |

| COOLANT & LUBRICANT CAPACITY | | | |
|-----------------------------------|-------|--------|--------|
| | liter | US gal | UK gal |
| Fuel Tank | 600 | 158.5 | 131.9 |
| Engine Coolant | 55 | 14.5 | 9.3 |
| Engine Oil | 30 | 7.9 | 6.6 |
| Swing Device | 8 | 2.1 | 2.4 |
| Final Drive (Each) | 5.5 | 1.5 | 1.72 |
| Hydraulic System (Including Tank) | 414 | 109.4 | 91.06 |
| Hydraulic Tank | 210 | 55.5 | 46.2 |
| Def/Adblue® | 70 | 18.5 | 15.5 |

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 | 48 EA |
| No. of Carrier Roller on Each Side | 2 EA |
| No. of Track Roller on Each Side | 9 EA |
| No. of Rail Guard on Each Side | 2 EA |

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6,500mm(21' 4") boom, 3,200mm(10' 6") arm, SAE heaped 1.62m³(2.12 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

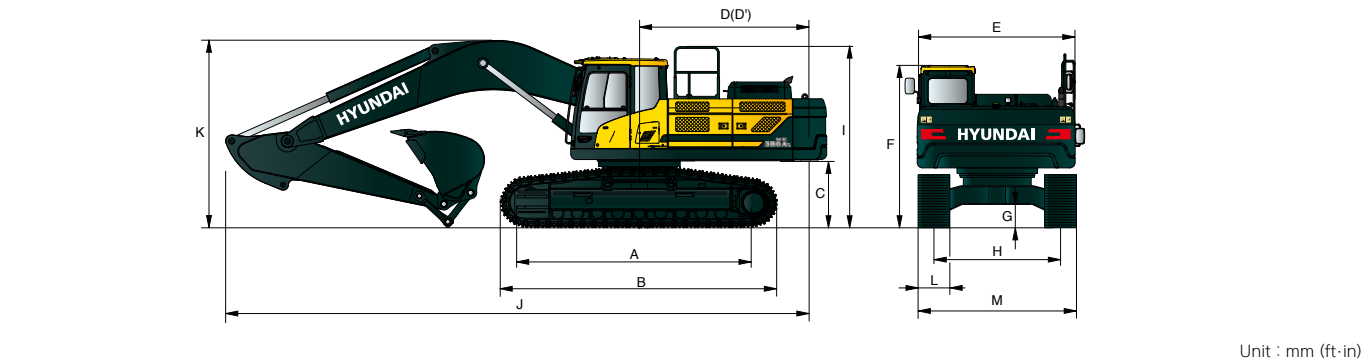
| OPERATING WEIGHT | | | | |
|------------------|--------------|------------------|-----------------|-----------------|
| Shoes | | Operating Weight | | Ground Pressure |
| Type | Width mm(in) | kg (lb) | | kgf/cm² (psi) |
| Triple Grouser | 600 (24") | HX400AL | 39,100 (86,200) | 0.70 (9.97) |
| | | NL | 38,890 (85,737) | 0.70 (9.92) |
| | 700 (28") | HX400AL | 39,550 (87,193) | 0.61 (8.64) |
| | 800 (32") | HX400AL | 40,000 (88,185) | 0.54 (7.65) |
| | 900 (36") | HX400AL | 40,460 (89,199) | 0.48 (6.88) |
| Double Grouser | 600 (24") | HX400AL | 39,520 (87,127) | 0.71 (10.07) |

AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1,430) The system hold 0.8 kg refrigerant consisting of a CO₂ equivalent of 1.14 metric tonnes. For more information, Please refer to the manual.

DIMENSIONS & WORKING RANGE

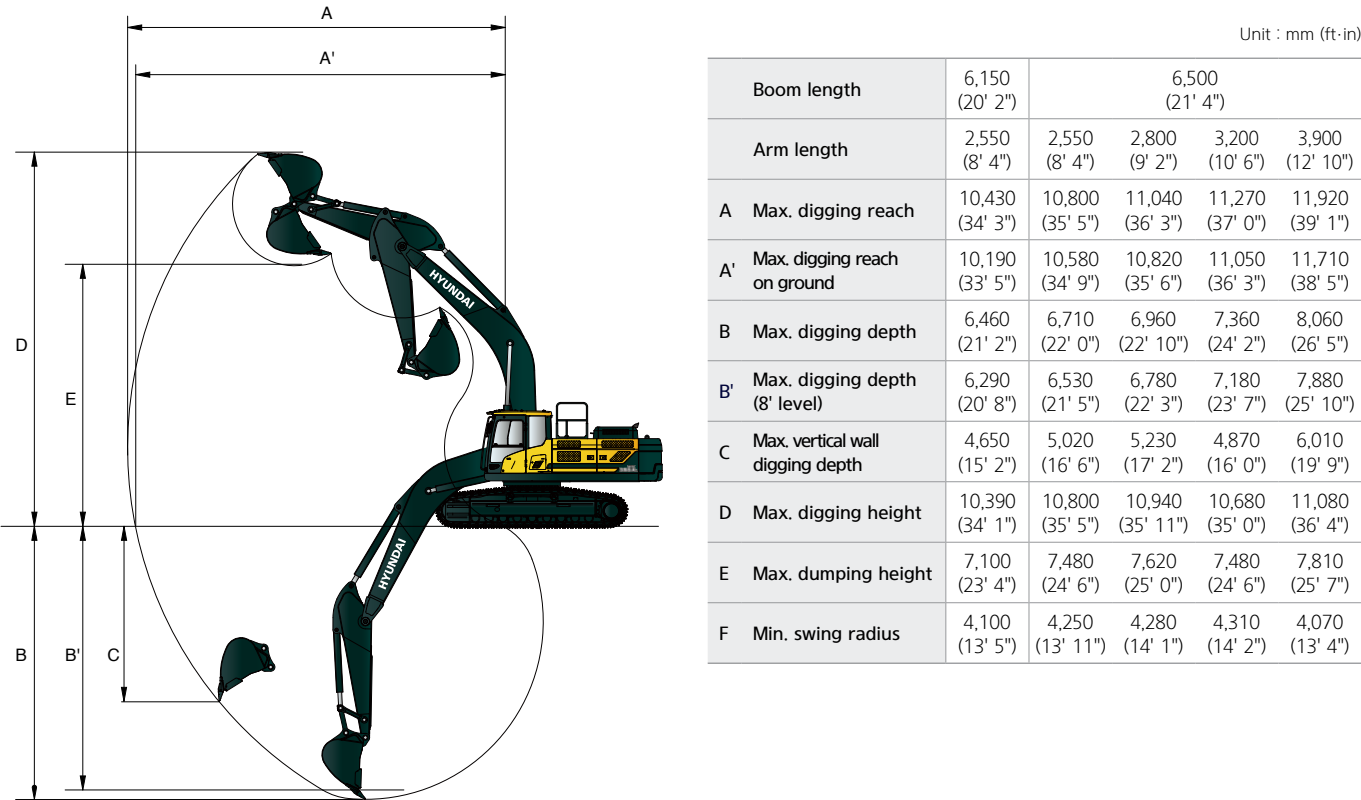
| HX400A L / HX400A NL DIMENSIONS | |
|---|--|
| 6.15 m (20' 2") / 6.5 m (21' 4"), BOOM and 2.55m (8' 4"), 3.2 m (10' 6"), 3.9 m (12' 10") ARM | |



| | | |
|----|--|-----------------|
| A | Tumbler Distance | 4,340 (14' 3") |
| B | Overall Length of Crawler | 5,270 (17' 3") |
| C | Ground Clearance of Counter Weight | 1,295 (4' 3") |
| D | Tail Swing Radius | 3,620 (11' 11") |
| D' | Rear-End Length | 3,555 (11' 8") |
| E | Overall Width of Upper Structure | 2,980 (9' 9") |
| F | Overall Height of Cab | 3,240 (10' 8") |
| G | Min. Ground Clearance | 550 (1' 10") |
| H | Track gauge HX380AL | 2,740 (9' 0") |
| | HX380A NL | 2,390 (7' 10") |
| I | Overall Height of Guardrail w/ Grouser | 3,470 (11' 5") |

| | | | | | | |
|--------------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Boom Length | | 6,150 (20' 2") | 6,500 (21' 2") | | | |
| Arm Length | | 2,550 (8' 4") | 2,550 (8' 4") | 2,800 (9' 2") | 3,200 (10' 6") | 3,900 (12' 10") |
| J | Overall Length | 11,070 (36' 4") | 11,430 (37' 6") | 11,430 (37' 6") | 11,410 (37' 5") | 11,400 (37' 5") |
| K | Overall Height of Boom | 3,710 (12' 2") | 3,670 (12' 0") | 3,690 (12' 1") | 3,560 (11' 8") | 3,690 (12' 1") |
| L Track Shoe Width | | 600 (1' 12") | 600 (1' 12") | 700 (2' 4") | 800 (2' 7") | 900 (2' 11") |
| M | Overall Width w/o Additional Foot Board | HX 400AL | 3,340 (10' 11") | 3,340 (10' 11") | 3,440 (11' 3") | 3,540 (11' 7") |
| | | HX 400A NL | 2,990 (9' 10") | 2,990 (9' 10") | - | - |

| HX400A L / HX400A NL WORKING RANGE | |
|------------------------------------|--|
|------------------------------------|--|













| | | | | | | |
|-------------|----------------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|
| Boom length | | 6,150 (20' 2") | 6,500 (21' 4") | | | |
| Arm length | | 2,550 (8' 4") | 2,550 (8' 4") | 2,800 (9' 2") | 3,200 (10' 6") | 3,900 (12' 10") |
| A | Max. digging reach | 10,430 (34' 3") | 10,800 (35' 5") | 11,040 (36' 3") | 11,270 (37' 0") | 11,920 (39' 1") |
| A' | Max. digging reach on ground | 10,190 (33' 5") | 10,580 (34' 9") | 10,820 (35' 6") | 11,050 (36' 3") | 11,710 (38' 5") |
| B | Max. digging depth | 6,460 (21' 2") | 6,710 (22' 0") | 6,960 (22' 10") | 7,360 (24' 2") | 8,060 (26' 5") |
| B' | Max. digging depth (8' level) | 6,290 (20' 8") | 6,530 (21' 5") | 6,780 (22' 3") | 7,180 (23' 7") | 7,880 (25' 10") |
| C | Max. vertical wall digging depth | 4,650 (15' 2") | 5,020 (16' 6") | 5,230 (17' 2") | 4,870 (16' 0") | 6,010 (19' 9") |
| D | Max. digging height | 10,390 (34' 1") | 10,800 (35' 5") | 10,940 (35' 11") | 10,680 (35' 0") | 11,080 (36' 4") |
| E | Max. dumping height | 7,100 (23' 4") | 7,480 (24' 6") | 7,620 (25' 0") | 7,480 (24' 6") | 7,810 (25' 7") |
| F | Min. swing radius | 4,100 (13' 5") | 4,250 (13' 11") | 4,280 (14' 1") | 4,310 (14' 2") | 4,070 (13' 4") |

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

HX400A L

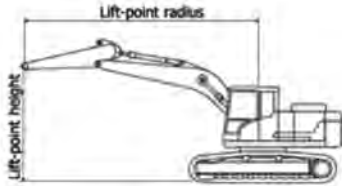
6.15 m (20' 2") boom, 2.55m (8' 4") arm equipped with 600mm(24") Triple grouser shoe.

| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|--|---|---|--------|
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 7.5m | kg | | | | | *9,650 | *9,650 | | | *9,720 | *9,720 | 6.77 |
| 24.6ft | lb | | | | | *21,270 | *21,270 | | | *21,430 | *21,430 | (22.2) |
| 6.0m | kg | | | | | *10,130 | *10,130 | *9,570 | 8,440 | *9,270 | 7,990 | 7.74 |
| 19.7ft | lb | | | | | *22,330 | *22,330 | *21,100 | 18,610 | *20,440 | 17,610 | (25.4) |
| 4.5m | kg | | | *14,490 | *14,490 | *11,400 | *11,400 | *9,970 | 8,260 | *9,260 | 6,980 | 8.32 |
| 14.8ft | lb | | | *31,940 | *31,940 | *25,130 | *25,130 | *21,980 | 18,210 | *20,410 | 15,390 | (27.3) |
| 3.0m | kg | | | *17,930 | 16,730 | *12,960 | 11,040 | *10,680 | 7,980 | *9,600 | 6,490 | 8.60 |
| 9.8ft | lb | | | *39,530 | 36,880 | *28,570 | 24,340 | *23,550 | 17,590 | *21,160 | 14,310 | (28.2) |
| 1.5m | kg | | | *16,650 | 15,920 | *14,220 | 10,560 | *11,340 | 7,740 | *10,010 | 6,360 | 8.61 |
| 4.9ft | lb | | | *36,710 | 35,100 | *31,350 | 23,280 | *25,000 | 17,060 | *22,070 | 14,020 | (28.2) |
| 0.0m | kg | | | *20,150 | 15,670 | *14,780 | 10,300 | *11,620 | 7,580 | *10,280 | 6,580 | 8.34 |
| 0.0ft | lb | | | *44,420 | 34,550 | *32,580 | 22,710 | *25,620 | 16,710 | *22,660 | 14,510 | (27.4) |
| -1.5m | kg | *13,810 | *13,810 | *19,200 | 15,720 | *14,440 | 10,260 | *11,140 | 7,580 | *10,540 | 7,250 | 7.78 |
| -4.9ft | lb | *30,450 | *30,450 | *42,330 | 34,660 | *31,830 | 22,620 | *24,560 | 16,710 | *23,240 | 15,980 | (25.5) |
| -3.0m | kg | *22,460 | *22,460 | *16,990 | 15,980 | *12,840 | 10,430 | | | *10,630 | 8,780 | 6.83 |
| -9.8ft | lb | *49,520 | *49,520 | *37,460 | 35,230 | *28,310 | 22,990 | | | *23,440 | 19,360 | (22.4) |
| -4.5m | kg | | | *12,390 | *12,390 | | | | | *9,970 | *9,970 | 5.31 |
| -14.8ft | lb | | | *27,320 | *27,320 | | | | | *21,980 | *21,980 | (17.4) |

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

| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | At max. reach | | | | |
|-----------------------------|----|---|---|---|---|---|---|---|--|---|---|----------|---------|--------|
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | 9.0m (29.5ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  | | m (ft) | |
| 9.0m | kg | | | | | | | | | | | *9,840 | *9,840 | 5.83 |
| 29.5ft | lb | | | | | | | | | | | *21,690 | *21,690 | (19.1) |
| 7.5m | kg | | | | | *9,260 | *9,260 | | | | | *9,240 | 7,890 | 7.25 |
| 24.6ft | lb | | | | | *20,410 | *20,410 | | | | | *20,370 | 17,390 | (23.8) |
| 6.0m | kg | | | | | *9,960 | *9,960 | *9,150 | 7,410 | | | *9,080 | 6,400 | 8.16 |
| 19.7ft | lb | | | | | *21,960 | *21,960 | *20,170 | 16,340 | | | *20,020 | 14,110 | (26.8) |
| 4.5m | kg | | | *14,890 | *14,890 | *11,340 | 10,020 | *9,700 | 7,180 | | | *9,100 | 5,630 | 8.71 |
| 14.8ft | lb | | | *32,830 | *32,830 | *25,000 | 22,090 | *21,380 | 15,830 | | | *20,060 | 12,410 | (28.6) |
| 3.0m | kg | | | | | *12,900 | 9,410 | *10,460 | 6,880 | | | *9,220 | 5,240 | 8.98 |
| 9.8ft | lb | | | | | *28,440 | 20,750 | *23,060 | 15,170 | | | *20,330 | 11,550 | (29.5) |
| 1.5m | kg | | | | | *14,090 | 8,950 | *11,130 | 6,610 | | | *9,400 | 5,130 | 8.99 |
| 4.9ft | lb | | | | | *31,060 | 19,730 | *24,540 | 14,570 | | | *20,720 | 11,310 | (29.5) |
| 0.0m | kg | | | *14,080 | 13,070 | *14,560 | 8,710 | *11,430 | 6,460 | | | *9,620 | 5,280 | 8.73 |
| 0.0ft | lb | | | *31,040 | 28,810 | *32,100 | 19,200 | *25,200 | 14,240 | | | *21,210 | 11,640 | (28.7) |
| -1.5m | kg | | | *18,710 | 13,150 | *14,230 | 8,680 | *11,120 | 6,440 | | | *9,810 | 5,770 | 8.20 |
| -4.9ft | lb | | | *41,250 | 28,990 | *31,370 | 19,140 | *24,520 | 14,200 | | | *21,630 | 12,720 | (26.9) |
| -3.0m | kg | *21,470 | *21,470 | *16,710 | 13,400 | *12,870 | 8,830 | | | | | *9,860 | 6,850 | 7.31 |
| -9.8ft | lb | *47,330 | *47,330 | *36,840 | 29,540 | *28,370 | 19,470 | | | | | *21,740 | 15,100 | (24.0) |
| -4.5m | kg | | | *12,930 | *12,930 | | | | | | | *9,340 | *9,340 | 5.92 |
| -14.8ft | lb | | | *28,510 | *28,510 | | | | | | | *20,590 | *20,590 | (19.4) |













- I 1 | Lifting capacity are based on ISO 10567.
 I 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.
 I 3 | The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
 I 4 | (*) indicates load limited by hydraulic capacity.















 Rating over-front  Rating over-side or 360 degree

HX400A L

6.5 m (21' 4") boom, 3.2 m (10' 6") arm equipped with 600mm(24") Triple grouser shoe.













| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | 9.0m (29.5ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0m | kg | | | | | | | | | | | *7,820 | *7,820 | 6.52 |
| 29.5ft | lb | | | | | | | | | | | *17,240 | *17,240 | (21.4) |
| 7.5m | kg | | | | | | | *8,160 | *8,160 | | | *7,250 | *7,250 | 7.82 |
| 24.6ft | lb | | | | | | | *17,990 | *17,990 | | | *15,980 | *15,980 | (25.7) |
| 6.0m | kg | | | | | *9,000 | *9,000 | *8,360 | *8,360 | | | *7,090 | 6,680 | 8.67 |
| 19.7ft | lb | | | | | *19,840 | *19,840 | *18,430 | *18,430 | | | *15,630 | 14,730 | (28.4) |
| 4.5m | kg | | | *13,220 | *13,220 | *10,430 | *10,430 | *9,040 | 8,270 | *8,350 | 6,160 | *7,190 | 5,940 | 9.19 |
| 14.8ft | lb | | | *29,150 | *29,150 | *22,990 | *22,990 | *19,930 | 18,230 | *18,410 | 13,580 | *15,850 | 13,100 | (30.2) |
| 3.0m | kg | | | *16,770 | 16,720 | *12,120 | 10,990 | *9,920 | 7,920 | *8,720 | 6000 | *7,520 | 5,560 | 9.44 |
| 9.8ft | lb | | | *36,970 | 36,860 | *26,720 | 24,230 | *21,870 | 17,460 | *19,220 | 13,230 | *16,580 | 12,260 | (31.0) |
| 1.5m | kg | | | *17,090 | 15,700 | *13,550 | 10,420 | *10,730 | 7,610 | *9,100 | 5,840 | *8,120 | 5,440 | 9.45 |
| 4.9ft | lb | | | *37,680 | 34,610 | *29,870 | 22,970 | *23,660 | 16,780 | *20,060 | 12,870 | *17,900 | 11,990 | (31.0) |
| 0.0m | kg | | | *18,220 | 15,310 | *14,350 | 10,070 | *11,250 | 7,390 | *9,270 | 5,740 | *9,030 | 5,560 | 9.21 |
| 0.0ft | lb | | | *40,170 | 33,750 | *31,640 | 22,200 | *24,800 | 16,290 | *20,440 | 12,650 | *19,910 | 12,260 | (30.2) |
| -1.5m | kg | *11,880 | *11,880 | *19,340 | 15,270 | *14,390 | 9,950 | *11,250 | 7,300 | | | *9,360 | 5,990 | 8.70 |
| -4.9ft | lb | *26,190 | *26,190 | *42,640 | 33,660 | *31,720 | 21,940 | *24,800 | 16,090 | | | *20,640 | 13,210 | (28.5) |
| -3.0m | kg | *19,690 | *19,690 | *17,830 | 15,450 | *13,530 | 10,020 | *10,410 | 7,380 | | | *9,650 | 6,940 | 7.87 |
| -9.8ft | lb | *43,410 | *43,410 | *39,310 | 34,060 | *29,830 | 22,090 | *22,950 | 16,270 | | | *21,270 | 15,300 | (25.8) |
| -4.5m | kg | *19,880 | *19,880 | *14,910 | *14,910 | *11,210 | 10,320 | | | | | *9,750 | 9,070 | 6.60 |
| -14.8ft | lb | *43,830 | *43,830 | *32,870 | *32,870 | *24,710 | 22,750 | | | | | *21,500 | 20,000 | (21.7) |













6.5 m (21' 4") boom, 3.9 m (12' 10") arm equipped with 600mm(24") Triple grouser shoe.

| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | | | At max. reach | | |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | 9.0m (29.5ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0m | kg | | | | | *9,240 | *9,240 | | | | | *9,330 | *9,330 | 6.18 |
| 29.5ft | lb | | | | | *20,370 | *20,370 | | | | | *20,570 | *20,570 | (20.3) |
| 7.5m | kg | | | | | | | *8,840 | 8,520 | | | *8,670 | 8,430 | 7.54 |
| 24.6ft | lb | | | | | | | *19,490 | 18,780 | | | *19,110 | 18,580 | (24.8) |
| 6.0m | kg | | | | | *9,600 | *9,600 | *8,840 | 8,460 | | | *8,330 | 6,940 | 8.42 |
| 19.7ft | lb | | | | | *21,160 | *21,160 | *19,490 | 18,650 | | | *18,360 | 15,300 | (27.6) |
| 4.5m | kg | | | *14,240 | *14,240 | *11,000 | *11,000 | *9,450 | 8,200 | | | *8,310 | 6,160 | 8.96 |
| 14.8ft | lb | | | *31,390 | *31,390 | *24,250 | *24,250 | *20,830 | 18,080 | | | *18,320 | 13,580 | (29.4) |
| 3.0m | kg | | | | | *12,610 | 10,870 | *10,260 | 7,880 | *9,020 | 5,980 | *8,570 | 5,760 | 9.22 |
| 9.8ft | lb | | | | | *27,800 | 23,960 | *22,620 | 17,370 | *19,890 | 13,180 | *18,890 | 12,700 | (30.2) |
| 1.5m | kg | | | | | *13,900 | 10,360 | *10,990 | 7,590 | *9,290 | 5,850 | *9,090 | 5,650 | 9.22 |
| 4.9ft | lb | | | | | *30,640 | 22,840 | *24,230 | 16,730 | *20,480 | 12,900 | *20,040 | 12,460 | (30.3) |
| 0.0m | kg | | | *14,830 | *14,830 | *14,500 | 10,080 | *11,380 | 7,410 | | | *9,320 | 5,810 | 8.98 |
| 0.0ft | lb | | | *32,690 | *32,690 | *31,970 | 22,220 | *25,090 | 16,340 | | | *20,550 | 12,810 | (29.4) |
| -1.5m | kg | *10,140 | *10,140 | *19,000 | 15,380 | *14,310 | 10,010 | *11,200 | 7,360 | | | *9,530 | 6,310 | 8.45 |
| -4.9ft | lb | *22,350 | *22,350 | *41,890 | 33,910 | *31,550 | 22,070 | *24,690 | 16,230 | | | *21,010 | 13,910 | (27.7) |
| -3.0m | kg | *20,080 | *20,080 | *17,180 | 15,610 | *13,160 | 10,130 | *9,890 | 7,510 | | | *9,630 | 7,400 | 7.60 |
| -9.8ft | lb | *44,270 | *44,270 | *37,880 | 34,410 | *29,010 | 22,330 | *21,800 | 16,560 | | | *21,230 | 16,310 | (24.9) |
| -4.5m | kg | | | *13,760 | *13,760 | *10,110 | *10,110 | | | | | *9,310 | *9,310 | 6.27 |
| -14.8ft | lb | | | *30,340 | *30,340 | *22,290 | *22,290 | | | | | *20,530 | *20,530 | (20.6) |

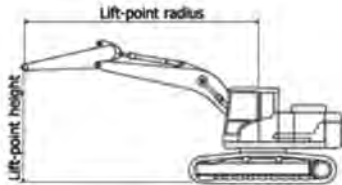
LIFTING CAPACITY

 Rating over-front  Rating over-side or 360 degree














| HX400A L | | | | | | | | | | | | | | |
|--|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| 6.5 m (21' 4") boom, 2.55m (8' 4") arm equipped with 600mm(24") Triple grouser shoe. | | | | | | | | | | | | | | |
| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | | | At max. reach | | |
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | 9.0m (29.5ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0m | kg | | | | | | | | | | | *9,840 | *9,840 | 5.83 |
| 29.5ft | lb | | | | | | | | | | | *21,690 | *21,690 | (19.1) |
| 7.5m | kg | | | | | *9,260 | *9,260 | | | | | *9,240 | 7,890 | 7.25 |
| 24.6ft | lb | | | | | *20,410 | *20,410 | | | | | *20,370 | 17,390 | (23.8) |
| 6.0m | kg | | | | | *9,960 | *9,960 | *9,150 | 7,410 | | | *9,080 | 6,400 | 8.16 |
| 19.7ft | lb | | | | | *21,960 | *21,960 | *20,170 | 16,340 | | | *20,020 | 14,110 | (26.8) |
| 4.5m | kg | | | *14,890 | *14,890 | *11,340 | 10,020 | *9,700 | 7,180 | | | *9,100 | 5,630 | 8.71 |
| 14.8ft | lb | | | *32,830 | *32,830 | *25,000 | 22,090 | *21,380 | 15,830 | | | *20,060 | 12,410 | (28.6) |
| 3.0m | kg | | | | | *12,900 | 9,410 | *10,460 | 6,880 | | | *9,220 | 5,240 | 8.98 |
| 9.8ft | lb | | | | | *28,440 | 20,750 | *23,060 | 15,170 | | | *20,330 | 11,550 | (29.5) |
| 1.5m | kg | | | | | *14,090 | 8,950 | *11,130 | 6,610 | | | *9,400 | 5,130 | 8.99 |
| 4.9ft | lb | | | | | *31,060 | 19,730 | *24,540 | 14,570 | | | *20,720 | 11,310 | (29.5) |
| 0.0m | kg | | | *14,080 | 13,070 | *14,560 | 8,710 | *11,430 | 6,460 | | | *9,620 | 5,280 | 8.73 |
| 0.0ft | lb | | | *31,040 | 28,810 | *32,100 | 19,200 | *25,200 | 14,240 | | | *21,210 | 11,640 | (28.7) |
| -1.5m | kg | | | *18,710 | 13,150 | *14,230 | 8,680 | *11,120 | 6,440 | | | *9,810 | 5,770 | 8.20 |
| -4.9ft | lb | | | *41,250 | 28,990 | *31,370 | 19,140 | *24,520 | 14,200 | | | *21,630 | 12,720 | (26.9) |
| -3.0m | kg | *21,470 | *21,470 | *16,710 | 13,400 | *12,870 | 8,830 | | | | | *9,860 | 6,850 | 7.31 |
| -9.8ft | lb | *47,330 | *47,330 | *36,840 | 29,540 | *28,370 | 19,470 | | | | | *21,740 | 15,100 | (24.0) |
| -4.5m | kg | | | *12,930 | *12,930 | | | | | | | *9,340 | *9,340 | 5.92 |
| -14.8ft | lb | | | *28,510 | *28,510 | | | | | | | *20,590 | *20,590 | (19.4) |












| 6.5 m (21' 4") boom, 3.2 m (10' 6") arm equipped with 600mm(24") Triple grouser shoe. | | | | | | | | | | | | | | |
|---|----|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | | | At max. reach | | |
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | 9.0m (29.5ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  | m (ft) |
| 9.0m | kg | | | | | | | | | | | *7,820 | *7,820 | 6.52 |
| 29.5ft | lb | | | | | | | | | | | *17,240 | *17,240 | (21.4) |
| 7.5m | kg | | | | | | | *8,160 | 7,670 | | | *7,250 | 7,110 | 7.82 |
| 24.6ft | lb | | | | | | | *17,990 | 16,910 | | | *15,980 | 15,670 | (25.7) |
| 6.0m | kg | | | | | *9,000 | *9,000 | *8,360 | 7,550 | | | *7,090 | 5,880 | 8.67 |
| 19.7ft | lb | | | | | *19,840 | *19,840 | *18,430 | 16,640 | | | *15,630 | 12,960 | (28.4) |
| 4.5m | kg | | | *13,220 | *13,220 | *10,430 | 10,240 | *9,040 | 7,280 | *8,350 | 5,410 | *7,190 | 5,210 | 9.19 |
| 14.8ft | lb | | | *29,150 | *29,150 | *22,990 | 22,580 | *19,930 | 16,050 | *18,410 | 11,930 | *15,850 | 11,490 | (30.2) |
| 3.0m | kg | | | *16,770 | 14,350 | *12,120 | 9,580 | *9,920 | 6,940 | *8,720 | 5,260 | *7,520 | 4,860 | 9.44 |
| 9.8ft | lb | | | *36,970 | 31,640 | *26,720 | 21,120 | *21,870 | 15,300 | *19,220 | 11,600 | *16,580 | 10,710 | (31.0) |
| 1.5m | kg | | | *17,090 | 13,390 | *13,550 | 9,040 | *10,730 | 6,640 | *9,100 | 5,100 | *8,120 | 4,740 | 9.45 |
| 4.9ft | lb | | | *37,680 | 29,520 | *29,870 | 19,930 | *23,660 | 14,640 | *20,060 | 11,240 | *17,900 | 10,450 | (31.0) |
| 0.0m | kg | | | *18,220 | 13,020 | *14,350 | 8,700 | *11,250 | 6,420 | *9,270 | 5,000 | *9,030 | 4,840 | 9.21 |
| 0.0ft | lb | | | *40,170 | 28,700 | *31,640 | 19,180 | *24,800 | 14,150 | *20,440 | 11,020 | *19,910 | 10,670 | (30.2) |
| -1.5m | kg | *11,880 | *11,880 | *19,340 | 12,980 | *14,390 | 8,580 | *11,250 | 6,340 | | | *9,360 | 5,220 | 8.70 |
| -4.9ft | lb | *26,190 | *26,190 | *42,640 | 28,620 | *31,720 | 18,920 | *24,800 | 13,980 | | | *20,640 | 11,510 | (28.5) |
| -3.0m | kg | *19,690 | *19,690 | *17,830 | 13,150 | *13,530 | 8,650 | *10,410 | 6,410 | | | *9,650 | 6,040 | 7.87 |
| -9.8ft | lb | *43,410 | *43,410 | *39,310 | 28,990 | *29,830 | 19,070 | *22,950 | 14,130 | | | *21,270 | 13,320 | (25.8) |
| -4.5m | kg | *19,880 | *19,880 | *14,910 | 13,540 | *11,210 | 8,940 | | | | | *9,750 | 7,890 | 6.60 |
| -14.8ft | lb | *43,830 | *43,830 | *32,870 | 29,850 | *24,710 | 19,710 | | | | | *21,500 | 17,390 | (21.7) |

- 1 1 | Lifting capacity are based on ISO 10567.
1 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.
1 3 | The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
1 4 | (*) indicates load limited by hydraulic capacity.



 Rating over-front  Rating over-side or 360 degree


| HX400A L | | | | | | | | | | | | | | | | |
|--|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| 6.5 m (21' 4") boom, 3.9 m (12' 10") arm equipped with 600mm(24") Triple grouser shoe. | | | | | | | | | | | | | | | | |
| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | | | | | At max. reach | | |
| | | 1.5m (4.9ft) | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | 9.0m (29.5ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |  |  | | m (ft) |
| 9.0m | kg | | | | | | | | | | | | | *5,770 | *5,770 | 7.44 |
| 29.5ft | lb | | | | | | | | | | | | | *12,720 | *12,720 | (24.4) |
| 7.5m | kg | | | | | | | | | *7,190 | *7,190 | | | *5,410 | *5,410 | 8.60 |
| 24.6ft | lb | | | | | | | | | *15,850 | *15,850 | | | *11,930 | *11,930 | (28.2) |
| 6.0m | kg | | | | | | | | | *7,550 | *7,550 | *6,650 | 5,650 | *5,300 | 5,230 | 9.38 |
| 19.7ft | lb | | | | | | | | | *16,640 | *16,640 | *14,660 | 12,460 | *11,680 | 11,530 | (30.8) |
| 4.5m | kg | | | | | | | *9,410 | *9,410 | *8,320 | 7,440 | *7,720 | 5,520 | *5,360 | 4,690 | 9.86 |
| 14.8ft | lb | | | | | | | *20,750 | *20,750 | *18,340 | 16,400 | *17,020 | 12,170 | *11,820 | 10,340 | (32.4) |
| 3.0m | kg | | | | | *15,080 | 14,950 | *11,210 | 9,840 | *9,300 | 7,070 | *8,220 | 5,330 | *5570 | 4,390 | 10.10 |
| 9.8ft | lb | | | | | *33,250 | 32,960 | *24,710 | 21,690 | *20,500 | 15,590 | *18,120 | 11,750 | *12,280 | 9,680 | (33.1) |
| 1.5m | kg | | | | | *18,070 | 13,740 | *12,870 | 9,210 | *10,260 | 6,720 | *8,750 | 5,130 | *5,970 | 4,280 | 10.10 |
| 4.9ft | lb | | | | | *39,840 | 30,290 | *28,370 | 20,300 | *22,620 | 14,820 | *19,290 | 11,310 | *13,160 | 9,440 | (33.1) |
| 0.0m | kg | | | *6,680 | *6,680 | *19,530 | 13,110 | *13,990 | 8,770 | *10,970 | 6,450 | *9,120 | 4,980 | *6,620 | 4,350 | 9.88 |
| 0.0ft | lb | | | *14,730 | *14,730 | *43,060 | 28,900 | *30,840 | 19,330 | *24,180 | 14,220 | *20,110 | 10,980 | *14,590 | 9,590 | (32.4) |
| -1.5m | kg | *7,400 | *7,400 | *11,090 | *11,090 | *19,670 | 12,910 | *14,400 | 8,550 | *11,250 | 6,300 | *9,130 | 4,910 | *7,670 | 4,630 | 9.41 |
| -4.9ft | lb | *16,310 | *16,310 | *24,450 | *24,450 | *43,360 | 28,460 | *31,750 | 18,850 | *24,800 | 13,890 | *20,130 | 10,820 | *16,910 | 10,210 | (30.9) |
| -3.0m | kg | *12,080 | *12,080 | *16,660 | *16,660 | *18,730 | 12,970 | *13,990 | 8,530 | *10,890 | 6,280 | | | *8,950 | 5,220 | 8.65 |
| -9.8ft | lb | *26,630 | *26,630 | *36,730 | *36,730 | *41,290 | 28,590 | *30,840 | 18,810 | *24,010 | 13,850 | | | *19,730 | 11,510 | (28.4) |
| -4.5m | kg | | | *23,080 | *23,080 | *16,560 | 13,250 | *12,480 | 8,710 | *9,260 | 6,480 | | | *9,230 | 6,460 | 7.52 |
| -14.8ft | lb | | | *50,880 | *50,880 | *36,510 | 29,210 | *27,510 | 19,200 | *20,410 | 14,290 | | | *20,350 | 14,240 | (24.7) |
| -6.0m | kg | | | | | *12,280 | *12,280 | | | | | | | *9,100 | *9,100 | 5.78 |
| -19.7ft | lb | | | | | *27,070 | *27,070 | | | | | | | *20,060 | *20,060 | (19.0) |

| 6.15 m (20' 2") boom, 2.55m (8' 4") arm equipped with 600mm(24") Triple grouser shoe. | | | | | | | | | | | | |
|---|----|---|---|---|---|---|---|---|---|---|---|---|
| Lift-point height (m/ft) | | Lift-point radius | | | | | | | | At max. reach | | |
| | | 3.0m (9.8ft) | | 4.5m (14.8ft) | | 6.0m (19.7ft) | | 7.5m (24.6ft) | | Capacity | | Reach |
| | |  |  |  |  |  |  |  |  |  |  |  |
| 7.5m | kg | | | | | *9,650 | *9,650 | | | *9,720 | 8,870 | 6.77 |
| 24.6ft | lb | | | | | *21,270 | *21,270 | | | *21,430 | 19,550 | (22.2) |
| 6.0m | kg | | | *14,490 | *14,490 | *10,130 | *10,130 | *9,570 | 7,450 | *9,270 | 7,050 | 7.74 |
| 19.7ft | lb | | | *31,940 | *31,940 | *22,330 | *22,330 | *21,100 | 16,420 | *20,440 | 15,540 | (25.4) |
| 4.5m | kg | | | *17,930 | 14,370 | *11,400 | 10,210 | *9,970 | 7,270 | *9,260 | 6,140 | 8.32 |
| 14.8ft | lb | | | *39,530 | 31,680 | *25,130 | 22,510 | *21,980 | 16,030 | *20,410 | 13,540 | (27.3) |
| 3.0m | kg | | | *16,650 | *14,240 | *12,960 | 9,640 | *10,680 | 7,010 | *9,600 | 5,700 | 8.60 |
| 9.8ft | lb | | | *31,390 | *31,390 | *28,570 | 21,250 | *23,550 | 15,450 | *21,160 | 12,570 | (28.2) |
| 1.5m | kg | | | *16,650 | 13,600 | *14,220 | 9,180 | *11,340 | 6,760 | *10,010 | 5,570 | 8.61 |
| 4.9ft | lb | | | *36,710 | 29,980 | *31,350 | 20,240 | *25,000 | 14,900 | *22,070 | 12,280 | (28.2) |
| 0.0m | kg | | | *20,150 | 13,370 | *14,780 | 8,930 | *11,620 | 6,620 | *10,280 | 5,750 | 8.34 |
| 0.0ft | lb | | | *44,420 | 29,480 | *32,580 | 19,690 | *25,620 | 14,590 | *22,660 | 12,680 | (27.4) |
| -1.5m | kg | *13,810 | *13,810 | *19,200 | 13,410 | *14,440 | 8,890 | *11,140 | 6,620 | *10,540 | 6,330 | 7.78 |
| -4.9ft | lb | *30,450 | *30,450 | *42,330 | 29,560 | *31,830 | 19,600 | *24,560 | 14,590 | *23,240 | 13,960 | (25.5) |
| -3.0m | kg | *22,460 | *22,460 | *16,990 | 13,660 | *12,840 | 9,050 | | | *10,630 | 7,660 | 6.83 |
| -9.8ft | lb | *49,520 | *49,520 | *37,460 | 30,120 | *28,310 | 19,950 | | | *23,440 | 16,890 | (22.4) |
| -4.5m | kg | | | *12,390 | *12,390 | | | | | *9,970 | *9,970 | 5.31 |
| -14.8ft | lb | | | *27,320 | *27,320 | | | | | *21,980 | *21,980 | (17.4) |


BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS


SAE heaped
m³ (yd³)



GP
1.46
1.62
1.90
2.10
2.32



HD
1.46
1.62
1.90
2.10
2.50



Rock-HD
1.46
1.62
1.90
2.10

| Capacity m³ (yd³) | | Width mm (in) | Weight kg (lb) | Tooth (EA) | Recommendation mm (ft.in) | | | | |
|----------------------|----------------|------------------|-------------------|---------------|---------------------------|------------------------|----------------------|-----------------------|------------------------|
| SAE Heaped | CECE Heaped | | | | 6,150 (20' 2") Boom | 6,500 (21' 4") Boom | | | |
| | | | | | 2,550 (8' 4") Arm | 2,550 (8' 4") Arm | 2,800 (9' 2") Arm | 3,200 (10' 6") Arm | 3,900 (12' 10") Arm |
| ⊙ 1.46 (1.91) | 1.28 (1.67) | 1,300 (51.2") | 1,380 (3,040) | 4 | ● | ● | ● | ● | ● |
| ⊙ 1.62 (2.12) | 1.42 (1.86) | 1,410 (55.5") | 1,480 (3,260) | 5 | ● | ● | ● | ● | ⦿ |
| ⊙ 1.90 (2.49) | 1.65 (2.16) | 1,595 (62.8") | 1,590 (3,510) | 5 | ● | ⦿ | ⦿ | ⦿ | ■ |
| ⊙ 2.10 (2.75) | 1.84 (2.41) | 1,730 (68.1") | 1,670 (3,680) | 5 | ⦿ | ⦿ | ■ | ■ | ▲ |
| ⊙ 2.32 (3.03) | 2.02 (2.64) | 1,880 (74.0") | 1,785 (3,940) | 6 | ⦿ | ■ | ■ | ▲ | x |
| ⊙ 2.50 (3.27) | 2.23 (2.92) | 1,750 (68.9") | 1,900 (4,190) | 6 | ■ | ■ | ▲ | ▲ | x |
| ◆ 1.46 (1.91) | 1.28 (1.67) | 1,300 (51.2") | 1,545 (3,410) | 4 | ● | ● | ● | ● | ● |
| ◆ 1.62 (2.12) | 1.42 (1.86) | 1,410 (55.5") | 1,655 (3,650) | 5 | ● | ● | ● | ● | ⦿ |
| ◆ 1.90 (2.49) | 1.65 (2.16) | 1,595 (62.8") | 1,775 (3,910) | 5 | ● | ⦿ | ⦿ | ⦿ | ■ |
| ◆ 2.10 (2.25) | 1.84 (2.41) | 1,730 (68.1") | 1,870 (4,120) | 5 | ⦿ | ⦿ | ■ | ■ | x |
| ◆ 1.79 (2.34) | 1.59 (2.08) | 1,370 (53.9") | 1,720 (3,790) | 5 | ● | ● | ⦿ | ⦿ | ■ |
| ◆ 2.03 (2.66) | 1.80 (2.35) | 1,525 (60.0") | 1,860 (4,100) | 6 | ● | ⦿ | ■ | ■ | ▲ |
| ◆ 1.46 (1.91) | 1.28 (1.67) | 1,300 (51.2") | 1,730 (3,810) | 4 | ● | ● | ● | ● | ⦿ |
| ◆ 1.62 (2.12) | 1.42 (1.86) | 1,410 (55.5") | 1,840 (4,060) | 5 | ● | ● | ● | ● | ⦿ |
| ◆ 1.90 (2.49) | 1.65 (2.16) | 1,590 (62.6") | 1,980 (4,370) | 5 | ● | ⦿ | ⦿ | ■ | ▲ |

⊙ General Purpose

◆ Heavy duty bucket

◆ Rock-HD bucket

● : Applicable for materials with density of 2,100 kgf/m³ (3,500 lbf/yd³) or less

⦿ : Applicable for materials with density of 1,800 kgf/m³ (3,000 lbf/yd³) or less

■ : Applicable for materials with density of 1,500 kgf/m³ (2,500 lbf/yd³) or less

▲ : Applicable for materials with density of 1,200 kgf/m³ (2,000 lbf/yd³) or less

x : Not Recommended

ATTACHMENT

Booms and arms are of all-welded, low-stress, full-box section design.
6,150 mm (20' 2"), 6,500 mm (21' 4") boom and 2,550 mm (8' 4"), 2,800 mm (9' 2"), 3,200 mm (10' 6"), 3,900 mm (12' 10") arms are available, Hyundai Bucket are all-welded, high-strength steel implements.

DIGGING FORCE

| Boom | Length | mm (ft.in) | 6,150 (20' 2") | 6,500 (21' 4") | | | | Remarks |
|----------------------|--------|------------|----------------|----------------|---------------|----------------|-----------------|---------|
| | Weight | kg (lb) | 3,620 (7,980) | 3,750 (8,270) | | | | |
| Arm | Length | mm (ft.in) | 2,550 (8' 4") | 2,550 (8' 4") | 2,800 (9' 2") | 3,200 (10' 6") | 3,900 (12' 10") | |
| | Weight | kg (lb) | 1,950 (4,300) | 1,950 (4,300) | 2,000 (4,410) | 2,080 (4,590) | 2,190 (4,830) | |
| Bucket Digging Force | SAE | kN | 200.1 | 200.1 | 200.1 | 200.1 | 201.0 | |
| | | kgf | 20,400 | 20,400 | 20,400 | 20,400 | 20,500 | |
| | | lbf | 44,970 | 44,970 | 44,970 | 44,970 | 45,190 | |
| | ISO | kN | 228.5 | 228.5 | 228.5 | 228.5 | 230.5 | |
| | | kgf | 23,300 | 23,300 | 23,300 | 23,300 | 23,500 | |
| | | lbf | 51,370 | 51,370 | 51,370 | 51,370 | 51,810 | |
| Arm Crowd Force | SAE | kN | 185.3 | 185.3 | 175.5 | 160.8 | 137.3 | |
| | | kgf | 18,900 | 18,900 | 17,900 | 16,400 | 14,000 | |
| | | lbf | 41,670 | 41,670 | 39,460 | 36,160 | 30,860 | |
| | ISO | kN | 193.2 | 193.2 | 18,2.4 | 166.7 | 141.2 | |
| | | kgf | 19,700 | 19,700 | 18,600 | 17,000 | 14,400 | |
| | | lbf | 43,430 | 43,430 | 41,010 | 37,480 | 31,750 | |

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

STANDARD / OPTION

| HYDRAULIC SYSTEM | | STD |
|--|--------------------|-----|
| INTELLIGENT POWER CONTROL (IPC) | | |
| 3-Power Mode, 2-Work Mode, User Mode | | ● |
| Variable Power Control | | ● |
| Pump Flow Control (Upgraded IPC) | | ● |
| Attachment Mode Flow Control | | |
| Engine Auto Idle | | ● |
| Engine Auto Shutdown Control | | ● |
| CAB & INTERIOR | | STD |
| ISO STANDARD CABIN | | |
| Cabin Lights (LED) | | |
| Cabin Front Window Rain Guard | | |
| Cabin Roof-Steel Cover | | |
| Rise-Up Type Windshield Wiper | | ● |
| Radio / USB Player | | ● |
| Handsfree Mobile Phone System with USB | | ● |
| 12 V Power Outlet (24 V DC to 12 V DC Converter) | | ● |
| Electric Horn | | ● |
| All-Weather Steel Cab with 360° Visibility | | ● |
| Safety glass - Tempered glass | | ● |
| Safety glass - Tempered glass with front laminated glass | | |
| Sliding Fold-In Front Window | | ● |
| Sliding Side Window (LH) | | ● |
| Lockable Door | | ● |
| Hot & Cool Box | | ● |
| Storage Compartment & Ashtray | | ● |
| Transparent Cabin Roof-Cover | | ● |
| Sun Visor | | ● |
| Door and Cab Locks, One Key | | ● |
| Mechanical Suspension Seat With Heater | | ● |
| Pilot-Operated Slidable Joystick | | ● |
| Console Box Height Adjust System | | ● |
| AUTOMATIC CLIMATE CONTROL | | |
| Air Conditioner & Heater | | ● |
| Defroster | | ● |
| AUTOMATIC STARTING AID(AIR GRID HEATER) FOR WEATHER | | |
| 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 without Heater | | ● |
| Mechanical Suspension with Heater | | |
| Adjustable Air Suspension without Heater | | |
| Adjustable Air Suspension with Heater | | |
| CABIN FOG (ISO 1,0262) LEVEL 2 | | |
| FOG (Falling Object Guard) | Front & Tops Guard | |
| | Top Guard | |
| CABIN ROPS (ISO 1,2117-2) | | |
| ROPS (Roll Over Protective Structures) | | ● |

| SAFETY | | STD |
|---|--|-----|
| Battery Master Switch | | ● |
| Rearview Camera | | |
| AAVM (Advanced Around View Monitoring) | | |
| Six Front Working Lights (4 Boom Mounted, 2 Front Frame Mounted) | | ● |
| Travel Alarm | | ● |
| Rear Work | | |
| Beacon Lamp | | |
| Automatic Swing Brake | | ● |
| Boom Holding System | | ● |
| Arm Holding System | | ● |
| Safety Lock Valve for Boom Cylinder with Overload Warning Device | | |
| Safety Lock Valve for Arm Cylinder | | |
| Swing Lock System | | |
| Two Outside Rearview Mirror | | ● |
| OTHERS | | STD |
| Removable Clean-Out Dust Net for Cooler | | ● |
| Removable Washer Tank | | ● |
| Fuel Pre-Filter(1,000hr) | | ● |
| Fuel Warmer | | ● |
| Self-Diagnostics System | | ● |
| Hi MATE (Remote Management System) | | |
| Batteries (2 × 12 V × 160 AH) | | ● |
| Fuel Filler Pump (50 ℓ/min) | | |
| Single-Acting Piping Kit (Breaker, etc.) | | |
| Double-Acting Piping Kit (Clamshell, etc.) | | |
| Rotating Piping Kit | | |
| Quick Coupler Piping | | |
| Quick Coupler | | |
| Boom Floating Control | | |
| One Pedal Straight Travel System | | |
| Accumulator for Lowering Work Equipment | | ● |
| Pattern Change Valve (2 Patterns) | | |
| Tool Kit | | |
| BOOMS | | |
| 6.15 m, 20' 2" | | |
| 6.5 m, 21' 4" | | ● |
| ARMS | | |
| 2.5 m, 8' 2" | | |
| 3.2 m, 10' 6" | | ● |
| 3.9 m, 12' 10" | | |
| UNDERCARRIAGE | | STD |
| 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") | | |
| Track Rail Guard | | ● |
| Full Track Rail Guard | | |

* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.
* Materials and specifications are subject to change without advance notice.
* All Imperial measurements rounded off to the nearest pound or inch.

MEMO

MEMO