Gross Power
160 Hp (119 kW) at 2,200 rpm

Net Power
157 Hp (117 kW) at 2,200 rpm

Bucket Capacity
0.92 ~ 1.34m³

Operating Weight
21,970 kg / 48,440 lb

HX220L
With Tier 3 / Stage IIIA Engine Installed
RULE THE GROUND

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

WORK MAX,
WORTH MAX

• EPIC (Electric Pump Independent Control) [NEW]
• Attachment Flow Control [Option]
• New Variable Power Control
• Fuel Rate Information
• ECO Gauge
• New Cooling System with Increased Air Flow
• Enlarged Air Inlet with Grill Cover

MORE RELIABLE,
MORE SUSTAINABLE

• Durable Cooling Module
• Reinforced Pin, Bush, and Polymer Shim
• Reinforced Durability of Upper and Lower Structure and Attachments
• Wear Resistant Cover Plate
• Hi-grade (High-pressure) Hoses

INFOTAINMENT
FRONTIER

• Wi-Fi Direct with Smart Phone (Miracast) [Option]
• Proportional Auxiliary Hydraulic System [Option]
• New Front Side Air-conditioning System
• Intelligent and Wide Cluster
• New Air Conditioning System
• Quick Coupler Button (Option)
• New Audio System

MODERN COMFORT,
SIMPLE AND SAFE SOLUTION

• AAVM (Advanced Around View Monitoring) Camera System [Option]
• Hi-mate (Remote Management System) [Option]
• Swing Lock System [Option]
• Fine Swing Control [Option]
• Cab Suspension Mount

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

EPIC (Electric Pump Independent Control)
HX Series adopts the EPIC system. It is able to reduce pump flow rate and power at the variable condition optimizably through the individual pump control. Furthermore, MCV spool and minimization of energy loss are improved such as conflux and throttle loss.

Attachment Flow Control
Option
HX Series improves pump flow rate by independent control of two pumps. It optimizes attachments for effective flow rate setting depending on attachments (ten breaker types and ten crusher types), enabling various operations matching the site environments.

Eco Gauge
Eco gauge enables economic operation of machines. The gauge level and color displays engine torque and fuel efficiency level. On top of that, the status of fuel consumption such as average rate and the total amount of fuel consumed is displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.

Fuel Rate Information
Operator can easily check average fuel rate and hourly or daily record also on the cluster. This means in this catalog are intended to help understand the features. The values in the images may differ from the actual information.

New Cooling System with Increased Air Flow
With the three-floor vertically placed cooling module improving air inflow, HX Series provides excellent cooling performance by increasing heat dissipation and can be easily cleaned.

Enlarged Air Inlet with Grill Cover
Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.

Fuel Efficient System Allows Great Performance
HX Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer’s needs.

New Variable Power Control
HX Series minimizes equipment input and output control signals to improve fuel efficiency. Its three-stage power mode ensures the highest performance in any operating environment.

* P(ower) mode: Maximizes speed and power of the equipment for heavy load work.
* S(standard) mode: Optimizes performance and fuel efficiency of the equipment for general load work.
* E(economy) mode: Improves the control system for light load work.

BETTER FUEL-EFFICIENCY
(Compared to 9 Series)

<table>
<thead>
<tr>
<th>Description</th>
<th>9 Series</th>
<th>HX Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck Loading</td>
<td>7%</td>
<td>7%</td>
</tr>
<tr>
<td>Leveling</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Daily Fuel Efficiency</td>
<td>8%</td>
<td>8%</td>
</tr>
</tbody>
</table>

WORK MAX, WORTH MAX

* Photo may include optional equipment.
MORE RELIABLE, MORE SUSTAINABLE

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

MORE RELIABLE, MORE SUSTAINABLE

We make the best performance in rough working conditions without any unsureness with trustworthy HX220L.

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

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

Reinforced Pins, Bushing, and Polymer Shims
HX Series improves lubricity of connecting parts between the equipment and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bushes, and polymer shims, supporting the highest performance with invariable durability.

Wear Resistant Cover Plate
A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the connector between the arm and the bucket. Vibration reduction of buckets enables more stable operation even in high-load work.

Hi-grade (High-pressure) Hoses
HX Series uses high-pressure hoses with improved heat and pressure resistance, greatly increasing the durability of the equipment.
Improved Instrument Panel for Easier Monitoring

Many electronic functions are concentrated in the most convenient spot for operators to improve work efficiency. The highly-advanced infotainment system, a product of HCE’s intensive information technology development, enables both productivity and comfort while working! HX Series is designed with the operator in mind.

**INFOTAINMENT FRONTIER**

**Improved Instrument Panel for Easier Monitoring**

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

**Wi-Fi Direct with Smart Phone (Miracast)**

The smart terminal-miracast system uses the Wi-Fi from the operator’s smart phone to easily and conveniently enable features of the smart phone, such as navigating, surfing the web, watching videos, and listening to music, on the 8” screen. (Currently only available for Android phones.)

**Proportional Auxiliary Hydraulic System**

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

**Intelligent and Wide Cluster**

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

**New Air Conditioning System**

Front side Air Vent holes make operators more convenient and fresh through direct air flow to driver’s face, foot and body.
MODERN COMFORT, SIMPLE AND SAFE SOLUTION

New Cabin for More Comfort
Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.

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 Geo-fence boundary, you will get alerts.

HX220L with advanced technology ensures our safety on a construction site.

HX Series excavators are products of HCE’s spirit of initiative, creativity, and strong drive. HCE engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. The new HX Series reflects customers’ needs in the field gleaned through thorough monitoring.

AAVM(Advanced Around View Monitoring) Camera System
HX Series has a state-of-the-art AAVM video camera system to secure field of vision for operators in all directions, thereby preventing accidents. Operators can easily check the workplace in the front and rear 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.

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

Fine Swing Control
Fine swing control is available for customer’s convenience when users want to control fine swing.

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

**ENGINE**
- Maker / Model: HYUNDAI H6.7 (Manufactured by Cummins)
- Type: Turbocharged, Charged air cooled, Diesel engine
- Gross Power: 160 HP (119 kW) at 2,200 rpm
- Net Power: 157 HP (117 kW) at 2,200 rpm
- Max. Power (Gross): 165 HP (123 kW) at 2,000 rpm
- Peak Torque: 732 N·m (540 lb·ft)
- Displacement: 6,700 cc (408 cu in)

**DIMENSIONS & WORKING RANGE**

**HYDRAULIC SYSTEM**
- **MAIN PUMP**
  - Type: Variable displacement tandem piston pumps
  - No. of cylinder: 4
  - Bore X stroke: 1-Ø140×1,510 mm
  - Max. flow: 2 x 228 ℓpumps
  - Displacement: 6,700 cc (408 cu in)
  - Peak Torque: 732 N·m (540 lb·ft) at 1,400 rpm
  - Max. flow: 2 x 228 ℓpumps
  - Max. Power (Gross): 165 HP (123 kW) at 2,000 rpm
- **HYDRAULIC CYLINDERS**
  - Arm: 1-Ø140×1,510 mm

**SWING SYSTEM**
- Swing motor: Fixed displacement axial piston motor
- Swing reduction: Planetary gear reduction
- Swing bearing lubrication: Grease-bathed
- Swing brake: Multi-plate wet disc
- Swing speed: 11.4 rpm

**COOLANT & LUBRICANT CAPACITY**
- Fuel tank: 400 ℓ
- Engine oil: 23.1 ℓ
- Coolant: 64.1 ℓ

**HYDRAULIC MOTORS**
- Drive method: Fully hydrostatic type
- Drive motor: Axial piston motor, in-shoe design
- Reduction system: Planetary reduction gear
- Max. drawbar pull: 21,100 kgf (46,517 lbf)
- Traveling speed: 5.6km/hr (3.48 mph) / 3.6km/hr (2.24 mph)

**CONTROL**
- Drive method: Fully hydrostatic type
- Drive motor: Axial piston motor, in-shoe design
- Reduction system: Planetary reduction gear
- Max. drawbar pull: 21,100 kgf (46,517 lbf)
- Max. drawbar pull: 21,100 kgf (46,517 lbf)
- Max. drawbar pull: 21,100 kgf (46,517 lbf)
- Max. drawbar pull: 21,100 kgf (46,517 lbf)

**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.

**OPERATING WEIGHT**
- Operating weight, including 5,688mm (18’ 8”) boom, 2,920mm (9’ 7”), 3.9m (12’ 10”) arm

**DIMENSIONS**
- Boom length: 5,680 (18’ 8”)
- Arm length: 2,000 (6’ 7”)
- Bucket: 2,000 (6’ 7”)
- Ground pressure: 0.35 (5.04)
- Swing device: 6.2 1.64 1.36
- Engine oil: 23.1 6.1 5.1
- Grader: 3,740 (12’ 3”)
- Driving wheel: 6,520 (21’ 5”)
- Driving wheel: 6,780 (22’ 3”)
**DIMENSIONS & WORKING RANGE**

**HX220L DIMENSIONS**

5.68 m (18' 8") BOOM and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7"), 3.9 m (12' 10") ARM

<table>
<thead>
<tr>
<th>Unit</th>
<th>Boom length</th>
<th>Arm length</th>
<th>Overall length</th>
<th>Overall height of boom</th>
<th>Track shoe width</th>
<th>Overall width</th>
<th>Overall height of guardrail</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>5,680</td>
<td>2,000</td>
<td>8,200</td>
<td>3,280</td>
<td>600</td>
<td>2,990</td>
<td>3,210</td>
</tr>
<tr>
<td>ft</td>
<td>18' 8&quot;</td>
<td>6' 7&quot;</td>
<td>26' 11&quot;</td>
<td>10' 9&quot;</td>
<td>24&quot;</td>
<td>10' 0&quot;</td>
<td>10' 6&quot;</td>
</tr>
</tbody>
</table>

- A Tumbler distance: 3,650 (12' 0")
- B Overall length of crawler: 4,450 (14' 7")
- C Ground clearance of counterweight: 1,060 (3' 6")
- D Tail swing radius: 2,890 (9' 5")
- E Overall width of upperstructure: 2,740 (9' 0")
- F Overall height of cab: 3,000 (10' 0")
- G Min. ground clearance: 470 (1' 7")
- H Track gauge: 2,390 (7' 10")
- I Overall height of guardrail: 3,210 (10' 6")

**HX220L LONG REACH**

8.2 m (26' 11") BOOM and 6.3 m (20' 8") ARM

<table>
<thead>
<tr>
<th>Unit</th>
<th>Boom length</th>
<th>Arm length</th>
<th>Overall length</th>
<th>Overall height of boom</th>
<th>Track shoe width</th>
<th>Overall width</th>
<th>Overall height of guardrail</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>8,200</td>
<td>6,300</td>
<td>14,500</td>
<td>3,280</td>
<td>600</td>
<td>3,190</td>
<td>3,120</td>
</tr>
<tr>
<td>ft</td>
<td>26' 11&quot;</td>
<td>20' 8&quot;</td>
<td>47' 2&quot;</td>
<td>10' 9&quot;</td>
<td>24&quot;</td>
<td>10' 3&quot;</td>
<td>10' 6&quot;</td>
</tr>
</tbody>
</table>

- A Tumbler distance: 3,650 (12' 0")
- B Overall length of crawler: 4,450 (14' 7")
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- G Min. ground clearance: 470 (1' 7")
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- I Overall height of guardrail: 3,210 (10' 6")

**HX220L WORKING RANGE**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Boom length</th>
<th>Arm length</th>
<th>Max. digging reach</th>
<th>Max. digging depth</th>
<th>Max. digging height</th>
<th>Max. dumping height</th>
<th>Min. swing radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>5,680</td>
<td>2,000</td>
<td>9,140 (30' 0&quot;)</td>
<td>5,820 (19' 1&quot;)</td>
<td>9,140 (30' 0&quot;)</td>
<td>6,330 (20' 9&quot;)</td>
<td>3,750 (12' 4&quot;)</td>
</tr>
<tr>
<td>ft</td>
<td>18' 8&quot;</td>
<td>6' 7&quot;</td>
<td>30' 0&quot;</td>
<td>19' 1&quot;</td>
<td>30' 0&quot;</td>
<td>20' 9&quot;</td>
<td>12' 4&quot;</td>
</tr>
</tbody>
</table>

**HX220L LONG REACH WORKING RANGE**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Boom length</th>
<th>Arm length</th>
<th>Max. digging reach</th>
<th>Max. digging depth</th>
<th>Max. digging height</th>
<th>Max. dumping height</th>
<th>Min. swing radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>8,200</td>
<td>6,300</td>
<td>15,220 (50' 0&quot;)</td>
<td>11,760 (38' 7&quot;)</td>
<td>11,650 (38' 3&quot;)</td>
<td>11,650 (38' 3&quot;)</td>
<td>4,870 (16' 0&quot;)</td>
</tr>
<tr>
<td>ft</td>
<td>26' 11&quot;</td>
<td>20' 8&quot;</td>
<td>50' 0&quot;</td>
<td>38' 7&quot;</td>
<td>38' 3&quot;</td>
<td>38' 3&quot;</td>
<td>16' 0&quot;</td>
</tr>
</tbody>
</table>
**DIMENSIONS & WORKING RANGE**

**HX220L HIGH WALKER DIMENSIONS**

- **Overall height of guardrail**: 3,410 (11' 2")
- **Track gauge**: 2,795 (9' 2")
- **Min. ground clearance**: 660 (2' 2")
- **Overall height of cab**: 3,200 (10' 6")
- **Overall width of upperstructure**: 2,740 (9' 0")
- **Rear-end length**: 2,770 (9' 1")
- **Ground clearance of counterweight**: 1,260 (4' 1")
- **HX220L HIGH WALKER WORKING RANGE**

**LIFTING CAPACITY**

**HX220L**

- **5.68 m (18' 8") Mono boom, 2.0 m (6' 7") arm and 600mm(24") Triple grouser shoe.**

<table>
<thead>
<tr>
<th>Load point height (m)</th>
<th>Lift-point radius (m)</th>
<th>At max. reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0m (9.8ft)</td>
<td>10,550</td>
<td>5,340</td>
</tr>
<tr>
<td>0.0m (0.0ft)</td>
<td>10,430</td>
<td>5,420</td>
</tr>
<tr>
<td>1.5m (4.9ft)</td>
<td>12,440</td>
<td>6,790</td>
</tr>
<tr>
<td>3.0m (9.8ft)</td>
<td>24,650</td>
<td>13,500</td>
</tr>
<tr>
<td>0.0m (0.0ft)</td>
<td>23,850</td>
<td>12,610</td>
</tr>
<tr>
<td>1.5m (4.9ft)</td>
<td>29,670</td>
<td>15,500</td>
</tr>
<tr>
<td>3.0m (9.8ft)</td>
<td>49,900</td>
<td>25,810</td>
</tr>
</tbody>
</table>

1. Lifting capacity is 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. (*) indicates load limited by hydraulic capacity.
### LIFTING CAPACITY

#### HX220 L

<table>
<thead>
<tr>
<th>Load point height (m)</th>
<th>Lift-point radius (ft)</th>
<th>At max. reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5m (5 ft)</td>
<td>21.10</td>
<td>12.70</td>
</tr>
<tr>
<td>3.0m (10 ft)</td>
<td>23.40</td>
<td>23.40</td>
</tr>
<tr>
<td>4.5m (15 ft)</td>
<td>21.10</td>
<td>12.70</td>
</tr>
<tr>
<td>6.0m (20 ft)</td>
<td>16.00</td>
<td>16.00</td>
</tr>
<tr>
<td>7.5m (25 ft)</td>
<td>11.60</td>
<td>11.60</td>
</tr>
<tr>
<td>9.0m (30 ft)</td>
<td>7.60</td>
<td>7.60</td>
</tr>
<tr>
<td>Capacity Reach</td>
<td>7.60</td>
<td>7.60</td>
</tr>
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</table>

#### HX220 HW

<table>
<thead>
<tr>
<th>Load point height (m)</th>
<th>Lift-point radius (ft)</th>
<th>At max. reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5m (5 ft)</td>
<td>21.20</td>
<td>12.70</td>
</tr>
<tr>
<td>3.0m (10 ft)</td>
<td>23.40</td>
<td>23.40</td>
</tr>
<tr>
<td>4.5m (15 ft)</td>
<td>21.10</td>
<td>12.70</td>
</tr>
<tr>
<td>6.0m (20 ft)</td>
<td>16.00</td>
<td>16.00</td>
</tr>
<tr>
<td>7.5m (25 ft)</td>
<td>11.60</td>
<td>11.60</td>
</tr>
<tr>
<td>9.0m (30 ft)</td>
<td>7.60</td>
<td>7.60</td>
</tr>
<tr>
<td>Capacity Reach</td>
<td>7.60</td>
<td>7.60</td>
</tr>
</tbody>
</table>

#### 6.8m (18' 8") Mono boom, 2.92 m (7' 7") arm and 600mm(24'') Triple grouser shoe.

<table>
<thead>
<tr>
<th>Load point height (m)</th>
<th>Lift-point radius (ft)</th>
<th>At max. reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5m (5 ft)</td>
<td>21.10</td>
<td>12.70</td>
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<tr>
<td>3.0m (10 ft)</td>
<td>23.40</td>
<td>23.40</td>
</tr>
<tr>
<td>4.5m (15 ft)</td>
<td>21.10</td>
<td>12.70</td>
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<tr>
<td>6.0m (20 ft)</td>
<td>16.00</td>
<td>16.00</td>
</tr>
<tr>
<td>7.5m (25 ft)</td>
<td>11.60</td>
<td>11.60</td>
</tr>
<tr>
<td>9.0m (30 ft)</td>
<td>7.60</td>
<td>7.60</td>
</tr>
<tr>
<td>Capacity Reach</td>
<td>7.60</td>
<td>7.60</td>
</tr>
</tbody>
</table>

Lifting capacity are based on ISO 10567. (*) indicates load limited by hydraulic capacity.

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1. **Lifting capacity** is 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 load point is a虚构 point located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.
## Lifting Capacity

### HKX220L Long Reach

**8.2 m (26' 11") Mono boom, 6.30 m (20' 8") arm and 800mm(32'') Triple grouser shoe.**

<table>
<thead>
<tr>
<th>Load point height</th>
<th>Lift-point radius</th>
<th>1.5m (4.9ft)</th>
<th>3.0m (9.8ft)</th>
<th>4.5m (14.8ft)</th>
<th>6.0m (19.7ft)</th>
<th>7.5m (24.6ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>m (ft)</td>
<td></td>
<td>1.5m kg</td>
<td>1.5m lb</td>
<td>3.0m kg</td>
<td>3.0m lb</td>
<td>4.5m kg</td>
</tr>
<tr>
<td>10.5m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>10.5m kg</td>
<td>10.5m lb</td>
<td>13,340</td>
</tr>
<tr>
<td>9.0m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>9.0m kg</td>
<td>9.0m lb</td>
<td>12,980</td>
</tr>
<tr>
<td>7.5m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>7.5m kg</td>
<td>7.5m lb</td>
<td>12,620</td>
</tr>
<tr>
<td>6.0m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>6.0m kg</td>
<td>6.0m lb</td>
<td>12,370</td>
</tr>
<tr>
<td>4.5m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>4.5m kg</td>
<td>4.5m lb</td>
<td>12,120</td>
</tr>
<tr>
<td>3.0m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>3.0m kg</td>
<td>3,000</td>
<td>12,110</td>
</tr>
<tr>
<td>2.5m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>2.5m kg</td>
<td>2,500</td>
<td>11,920</td>
</tr>
<tr>
<td>2.0m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>2.0m kg</td>
<td>2,000</td>
<td>11,730</td>
</tr>
<tr>
<td>1.5m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>1.5m kg</td>
<td>1,500</td>
<td>11,540</td>
</tr>
<tr>
<td>0.0m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>0.0m kg</td>
<td>0.000</td>
<td>11,350</td>
</tr>
<tr>
<td>-1.5m</td>
<td>1.90</td>
<td>3,000</td>
<td>3,000</td>
<td>-1.5m kg</td>
<td>1,500</td>
<td>11,160</td>
</tr>
</tbody>
</table>

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.
### Lifting Capacity

**8.2 m (27' 0") Mono boom, 6.30 m (20' 8") arm and 800mm (32") Triple grouser shoe.**

<table>
<thead>
<tr>
<th>Load point radius</th>
<th>Lift-point radius</th>
<th>Capacity</th>
<th>Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.0m (29.5ft)</td>
<td>1.890 *1,890</td>
<td>78.0</td>
<td></td>
</tr>
<tr>
<td>10.5m (34.4ft)</td>
<td>2.110 *2,110</td>
<td>80.0</td>
<td></td>
</tr>
<tr>
<td>12.0m (39.4ft)</td>
<td>2.390 *2,390</td>
<td>84.0</td>
<td></td>
</tr>
<tr>
<td>13.5m (44.3ft)</td>
<td>2.750 *2,750</td>
<td>89.0</td>
<td></td>
</tr>
</tbody>
</table>

1. Lifting capacity are based on ISO 10567.
2. The lift point is a hook located on the back of the bucket.
3. (*) indicates load limited by hydraulic capacity.
4. The load point is a hook located on the back of the bucket.

---

**Rated over-front and over-side or 360 degree rotation.**

1. Lifted capacity is based on ISO 10567.
2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 85% of full hydraulic capacity.
3. (*) indicates load limited by hydraulic capacity.

---

### Load point

<table>
<thead>
<tr>
<th>Height</th>
<th>Load point radius</th>
<th>Capacity</th>
<th>Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0m</td>
<td>2,870 *2,870</td>
<td>10.0</td>
<td></td>
</tr>
<tr>
<td>1.5m</td>
<td>5,950 *5,950</td>
<td>45.7</td>
<td></td>
</tr>
<tr>
<td>4.5m</td>
<td>8,730 *8,730</td>
<td>37.4</td>
<td></td>
</tr>
<tr>
<td>7.5m</td>
<td>8,820 *8,820</td>
<td>40.5</td>
<td></td>
</tr>
<tr>
<td>9.0m</td>
<td>8,820 *8,820</td>
<td>40.5</td>
<td></td>
</tr>
<tr>
<td>10.5m</td>
<td>8,730 *8,730</td>
<td>37.4</td>
<td></td>
</tr>
<tr>
<td>12.0m</td>
<td>8,730 *8,730</td>
<td>37.4</td>
<td></td>
</tr>
<tr>
<td>13.5m</td>
<td>8,730 *8,730</td>
<td>37.4</td>
<td></td>
</tr>
</tbody>
</table>

---

**Height**

- 1.5m (4.9ft)
- 3.0m (9.8ft)
- 4.5m (14.8ft)
- 6.0m (19.7ft)
- 7.5m (24.6ft)

**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)

---

**Load point At max. reach**

<table>
<thead>
<tr>
<th>Height</th>
<th>Load point radius</th>
<th>Capacity</th>
<th>Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0m</td>
<td>3,960 *3,960</td>
<td>11.4</td>
<td></td>
</tr>
<tr>
<td>4.0m</td>
<td>8,820 *8,820</td>
<td>40.5</td>
<td></td>
</tr>
<tr>
<td>6.0m</td>
<td>8,730 *8,730</td>
<td>37.4</td>
<td></td>
</tr>
<tr>
<td>8.0m</td>
<td>8,820 *8,820</td>
<td>40.5</td>
<td></td>
</tr>
<tr>
<td>10.0m</td>
<td>8,820 *8,820</td>
<td>40.5</td>
<td></td>
</tr>
</tbody>
</table>

---

**Rated over-front and over-side or 360 degree rotation.**

1. Lifted capacity is based on ISO 10567.
2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 85% of full hydraulic capacity.
3. (*) indicates load limited by hydraulic capacity.
4. (*) indicates load limited by hydraulic capacity.
### LIFTING CAPACITY

#### 5.68 m (18' 8") Mono boom, 2.92 m (9' 7") arm and 600mm(24") Triple grouser shoe.

<table>
<thead>
<tr>
<th>Load point height (m)</th>
<th>Lift-point radius (m)</th>
<th>At max. reach</th>
<th>Capacity (m³)</th>
<th>Reach (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5m (4.9ft)</td>
<td>3.0m (9.8ft)</td>
<td>4.0m (13.8ft)</td>
<td>6.0m (19.7ft)</td>
<td>7.0m (23.6ft)</td>
</tr>
<tr>
<td>7.5m (24.6ft)</td>
<td>9.1m (30.0ft)</td>
<td>10.8m (35.4ft)</td>
<td>12.8m (42.0ft)</td>
<td>15.9m (52.1ft)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**BUCKET SELECTION GUIDE & DIGGING FORCE**

#### SAE Heaped (yd³)

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>GP</th>
<th>HD</th>
<th>RR</th>
<th>LR</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.32</td>
<td>0.90</td>
<td>0.87</td>
<td>0.52</td>
<td></td>
</tr>
<tr>
<td>1.20</td>
<td>1.05</td>
<td>1.34</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Buckets**

- **GP**: General Purpose
- **HD**: Heavy-duty bucket
- **RR**: Rock-heavy duty bucket
- **LR**: Long-reach bucket

**Digging Force**

- **Boom Length (mm (ft))**: 5,680 (18' 8")
- **Arm Length (mm (ft))**: 8,200 (26' 11'')

**Attachment**

Booms and arms are welded with a low-stress, full-box section design. 5.68 m, 8.2 m Booms and 2.0 m, 2.4 m, 2.9 m, 3.9 m & 6.3 m Arms are available.

### ATTACHMENT

- **Power Boost**:
  - **Arm Cored Bucket**: 1.05
  - **Arm Group Bucket**: 1.34
  - **ISO Bucket**: 1.40

**Note**: Boom weight includes arm cylinder, piping, and pin. Arm weight includes bucket cylinder, linkage, and pin.
**STANDARD / OPTION**

<table>
<thead>
<tr>
<th>ENGINE</th>
<th>STD</th>
<th>OPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hyundai HE6.7 Engine</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

**HYDRAULIC SYSTEM**

- Intelligent Power Control (IPC)
- Travel alarm
- Automatic swing brake
- Engine Auto Idle
- Engine Auto Shutdown Control

**INTELLIGENT POWER CONTROL (IPC)**

- Variable Power Control
- Pump flow control (EPIC)
- Attachment Mode Flow Control
- Engine Auto Idle

**CAB & INTERIOR**

- ISO STANDARD CABIN
- Rise-up type windshield wiper
- Radio / USB player
- Handsfree mobile phone system with USB
- 12 volt power outlet (24V DC to 12V DC converter)
- Electric horn
- All-weather steel cab with 360° visibility
- Safety glass windows
- Sliding fold in front window
- Sliding side window (LH)
- Door and cab locks, one key
- Hot & cool box
- Storage compartment & Ashtray
- Transparent cabin roof-cover
- Cabin lights
- Cabin front window rain guard
- Cabin roof-steel cover

**AUTOMATIC CLIMATE CONTROL**

- Air conditioner & heater
- Defroster
- Starting Aid (air grid heater) for cold weather

**CENTRALIZED MONITORING**

- 8” LCD display - Normal type
- 8” LCD display - Premium type
- Engine speed or Trip meter/Accel.
- Engine coolant temperature gauge
- Max power
- Low speed/High speed
- Auto idle
- Overload
- 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 FOPS (ISO 10262) LEVEL 2**

- FOPS (Falling Object Protective Structure) ISO 10262 Level 2
- Front & Tops guard
- Tops guard

**CABIN ROPS**

- ROPS (Roll Over Protective Structure) ISO 12117-2

**SAFETY**

- Battery master switch
- Rearview camera
- AAVM (Advanced Around View Monitoring)
- Four front working lights
- Lead mounted, 2 front frame mounted
- Travel alarm
- Beacon lamp
- Boom holding system
- Arm holding system
- Safety lock valve for boom cylinder with overload warning device
- Safety lock valve for arm cylinder
- Swing lock system
- Three outside rearview mirror

**OTHERS**

- **BOOMS**
  - 5.68m, 18’ 8” Mono
  - 2.40m, 7’ 10”
  - 2.92m, 9’ 7”
  - 3.90m, 12’ 10”
  - 6.30m, 20’ 8” Long reach

- **ARMS**
  - 2.00m, 6’ 7”
  - 2.40m, 7’ 10”
  - 2.92m, 9’ 7”
  - 3.90m, 12’ 10”
  - 6.30m, 20’ 8” Long reach

- **CABIN ROPS**
  - 3.8 ton CWT
  - 5.3 ton CWT (LR)

- **UNDERCARRIAGE**
  - Lower frame under cover (Additional)
  - Lower frame under cover (Normal)

- **TRACK SHOES**
  - Triple grousers shoes (600mm, 24”)
  - Triple grousers shoes (700mm, 28”)
  - Triple grousers shoes (800mm, 32”)
  - Triple grousers shoes (900mm, 36”)
  - Double grousers shoes (700mm, 28”)
  - Track rail guard
  - Full track rail guard

*Standard and optional equipment may vary. Contact your Hyundai dealer for more information.
The machine may vary according to International standards.
The photos may include attachments and optional equipment that are not available in your area.
Materials and specifications are subject to change without advance notice.
All imperial measurements rounded off to the nearest pound or inch.*