

# CRAWLER EXCAVATOR FAMILY

Medium to Large

HX140L, HX160L, HX180L, HX220L, HX260L,  
HX300L, HX330L, HX380L, HX480L, HX520L

Tier 4 Final Engines



Pictured here is the HX220L.

**TOMORROW'S EDGE TODAY**

 **HYUNDAI**  
CONSTRUCTION EQUIPMENT

# MEDIUM TO LARGE CRAWLER EXCAVATORS



**HX140L**

<b>Net Power</b> Perkins 1204F SAE J1349 / 116 HP (92.6 kW) at 1,950 rpm	<b>Bucket Range</b> 0.30 yd <sup>3</sup> – 0.93 yd <sup>3</sup> 0.23 m <sup>3</sup> – 0.71 m <sup>3</sup>	<b>Operating Weight</b> 14,535 kg / 32,044 lb
	<b>Standard Bucket</b> 0.76 yd <sup>3</sup> (0.58 m <sup>3</sup> )	



**HX160L**

<b>Net Power</b> Perkins 1204F SAE J1349 / 128 HP (96 kW) at 2,050 rpm	<b>Bucket Range</b> 0.51 yd <sup>3</sup> – 1.37 yd <sup>3</sup> 0.39 m <sup>3</sup> – 1.05 m <sup>3</sup>	<b>Operating Weight</b> 18,830 kg / 41,513 lb
	<b>Standard Bucket</b> 0.92 yd <sup>3</sup> (0.70 m <sup>3</sup> )	



**HX180L**

<b>Net Power</b> Perkins 1204F SAE J1349 / 128 HP (96 kW) at 2,050 rpm	<b>Bucket Range</b> 0.51 yd <sup>3</sup> – 1.37 yd <sup>3</sup> 0.39 m <sup>3</sup> – 1.05 m <sup>3</sup>	<b>Operating Weight</b> 19,484 kg / 42,955 lb
	<b>Standard Bucket</b> 0.99 yd <sup>3</sup> (0.76 m <sup>3</sup> )	



**HX260L**

<b>Net Power</b> Cummins QSB6.7 SAE J1349 / 179 HP (122 kW) at 1,950 rpm	<b>Bucket Range</b> 1.41 yd <sup>3</sup> – 1.96 yd <sup>3</sup> 1.08 m <sup>3</sup> – 1.50 m <sup>3</sup>	<b>Operating Weight</b> 26,700 kg / 58,860 lb
	<b>Standard Bucket</b> 1.41 yd <sup>3</sup> (1.08 m <sup>3</sup> )	



**HX300L**

<b>Net Power</b> Cummins QSB6.7 SAE J1349 / 230 HP (171 kW) at 1,950 rpm	<b>Bucket Range</b> 1.66 yd <sup>3</sup> – 2.42 yd <sup>3</sup> 1.27 m <sup>3</sup> – 1.85 m <sup>3</sup>	<b>Operating Weight</b> 31,550 kg / 69,552 lb
	<b>Standard Bucket</b> 1.66 yd <sup>3</sup> (1.27 m <sup>3</sup> )	

**HX220L**

**Net Power**  
Cummins QSB6.7  
SAE J1349 / 173 HP  
(129 kW) at 1,950 rpm

**Bucket Range**  
0.68 yd<sup>3</sup> – 1.75 yd<sup>3</sup>  
0.52 m<sup>3</sup> – 1.34 m<sup>3</sup>

**Standard Bucket**  
1.2 yd<sup>3</sup> (0.92 m<sup>3</sup>)

**Operating Weight**  
23,360 kg / 51,500 lb



# HX140L, HX160L, HX180L, HX220L, HX260L, HX300L, HX330L, HX380L, HX480L, HX520L



**HX480L**

Net Power	Bucket Range	Operating Weight
Scania DC13 SAE J1349 / 424 HP (316 kW) at 1,900 rpm	1.31 yd <sup>3</sup> – 4.19 yd <sup>3</sup> 1.00 m <sup>3</sup> – 3.20 m <sup>3</sup>	51,040 kg / 112,520 lb
	Standard Bucket	
	2.88 yd <sup>3</sup> (2.20 m <sup>3</sup> )	



**HX330L**

Net Power	Bucket Range	Operating Weight
Cummins QSL9 SAE J1349 / 270 HP (202 kW) at 1,800 rpm	1.88 yd <sup>3</sup> – 2.75 yd <sup>3</sup> 1.44 m <sup>3</sup> – 2.10 m <sup>3</sup>	35,050 kg / 77,272 lb
	Standard Bucket	
	1.88 yd <sup>3</sup> (1.44 m <sup>3</sup> )	



**HX520L**

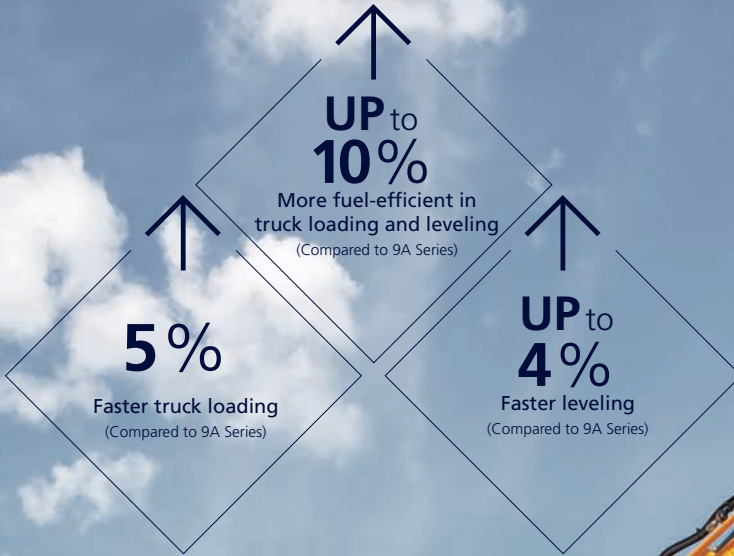
Net Power	Bucket Range	Operating Weight
Scania DC13 SAE J1349 / 424 HP (316 kW) at 1,900 rpm	1.31 yd <sup>3</sup> – 4.19 yd <sup>3</sup> 1.00 m <sup>3</sup> – 3.20 m <sup>3</sup>	53,680 kg / 118,340 lb
	Standard Bucket	
	2.88 yd <sup>3</sup> (2.20 m <sup>3</sup> )	



**HX380L**

Net Power	Bucket Range	Operating Weight
Cummins QSL9 SAE J1349 / 300 HP (224 kW) at 1,650 rpm	1.91 yd <sup>3</sup> – 3.03 yd <sup>3</sup> 1.46 m <sup>3</sup> – 2.32 m <sup>3</sup>	40,320 kg / 88,890 lb
	Standard Bucket	
	2.12 yd <sup>3</sup> (1.62 m <sup>3</sup> )	

\* Excavators pictured in this brochure may include optional equipment.



\* Photos in this brochure may include optional equipment. Pictured here is the HX330L

### Cycle Time Improvement

Through a combination of innovative hydraulic system enhancements, Hyundai HX series excavators achieve faster cycle speeds than previous models, which increases productivity.

### Boom Float Mode Option

This new option improves stability and control when leveling, allowing the boom to float along as the arm is moved in and out.

# PROVEN PERFORMERS

## Optimal Performance with Fuel Efficiency

Others promise performance. Hyundai proves it. Hyundai excavators are known for fast cycle speeds, impressive hydraulic power and precision control. Adding to that success formula, the Hyundai HX series features eco-friendly, high-performance engines that meet Tier 4 Final emission requirements.

## New Variable Power Control

The HX series introduces variable power control with three power modes to ensure the highest performance in any operating environment.

- P (power) mode: Maximizes speed and power for heavy work.

- S (standard) mode: Optimizes performance and fuel efficiency for general work.
- E (economy) mode: Improves control and efficiency for light work.

## Electronic Viscous Fan Clutch

The electronic fan clutch reduces noise, and minimizes fuel consumption during operation by precisely controlling RPM depending on the hydraulic oil and coolant temperature. During cold applications the fan slows to allow hydraulic oil to warm up to optimal operating temperature.



### ECO Gauge

Using this function, the operator can monitor fuel consumption in real time or review historical data. The colored gauge represents engine torque and fuel efficiency. Also displayed are the average and total fuel consumed. The hourly and daily fuel consumption is also viewable through the menu.



### IPC (Intelligent Power Control)

This mode analyzes operator control patterns, and automatically adjusts engine RPM and hydraulic flow to ensure maximum fuel economy and productivity.



### One-Pedal Straight-Travel Option

With the flip of a toggle switch, the left-hand pedal can be set for straight forward and reverse travel. This is ideal when working along roads, banks and trenches, and when traveling longer distances. The Hyundai-exclusive one-pedal toggle switch design replaces the traditional extra pedal, freeing up floor space for the operator.



### Attachment Flow Control

The HX series improves pump flow rate by giving the operator independent control of two pumps. It optimizes flow rate settings according to the attachment type (10 breaker types and 10 crusher types), which is ideal for various applications.



### New Cooling System with Increased Air Flow

The HX series has a vertically stacked cooling configuration which provides improved cooling efficiency through increased air flow and reduced heat.



### Robust Cooler Door with Vented Grille

The cooler door grille is designed for maximum air flow and reduced contamination.

# RELIABLE PRODUCTIVITY

## Rugged for Today, Durable for Years

At Hyundai, reliable productivity is more than just a promise. The HX series proves it. The robust upper and lower frame structure can endure external shock and heavy workloads for many thousands of hours. Starting with our strict, demanding prototype testing procedures,

Hyundai tests new designs in harsh environments with actual operators for 10,000 hours prior to bringing a new model to market. No matter how tough the working environment is, you can always rely on the Hyundai HX series.



### Heavy-Duty Cooling Module

Each HX series excavator has a heavy-duty cooling module designed to provide maximum engine protection in the harshest working environments.



### Wear-Resistant Cover Plate

A wear-resistant cover plate at the end of the arm minimizes abrasion on the pin connection between the arm and the bucket. This reduces bucket vibrations for improved operator control, even under heavy load conditions.



### Reinforced Pins, Bushings and Polymer Shims

The HX series improved boom-and-attachment design – utilizing wear-resistant long-life pins, bushings and polymer shims – enhances attachment reliability and durability.



### Reinforced Upper and Lower Structure and Attachments

Hyundai's new bucket's are reinforced with wear-resistant Hardox 400 steel for additional durability.



Pictured here is the HX520L.

### High-grade, High-pressure Hoses

The HX series uses high-grade, high-pressure hoses with increased heat- and pressure-resistance for improved durability.

Cab space for operator increased by

**13 %**

(Compared to 9 Series)



### New Air Conditioning System

The HX series features an enhanced-capacity air conditioning and heating system. The APTC auxiliary heat capacity is increased by 15 percent, providing a consistently comfortable operating environment. Additional venting improves airflow in all directions, including vents that can be directed to the operator's face which is especially helpful for staying comfortable on hot days.



# COMFORT AND CONTROL

## Improved Instrument Panel for Easier Monitoring

The Hyundai HX series is designed with the operator in mind. A key feature of the new operator's cab in each HX series excavator is the convenient clustering of electronic controls and monitoring functions, resulting

in improved operator accuracy and efficiency. The highly advanced infotainment system, a product of Hyundai's comprehensive information technology capabilities, enables both productivity and comfort while working.



### Intelligent and Wide Cluster

The 8-inch interactive touchscreen display is 15-percent larger than that of the previous model. The centralized switches on the display allow the operator to check the urea level and the temperature outside the cab. The audio AUX, air conditioner, heater integration, wiper, lamp, overload warning, travel and alarm functions also contribute to operator productivity. Also helpful is the inclinometer, which displays the machine level condition in real time for enhanced safety when lifting loads and improved accuracy when grading.



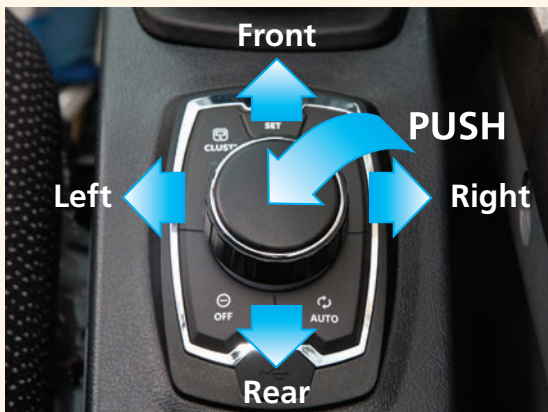
### Smart Terminal Miracast System

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 such as email, navigating, surfing the web, watching videos and selecting music, on the 8-inch screen. (Currently available for Android phones only.)



### New Audio System

The audio system includes an AM/FM radio, a USB-based MP3 player, an integrated Bluetooth hands-free feature and a built-in microphone to allow for phone calls while at work and in transit. The audio system controls are located on the right side of the operator for convenient access.



### Innovative Haptic Control Module

Haptic control is a common technology found on luxury automobiles that makes selecting menus and adjusting settings easy. The haptic remote control uses vibrations and pulses to guide the operator through menu selections, enabling control of the accelerator, air conditioner, and all functions within the cluster for maximum convenience.



### Comfort-enhancing Cab Suspension

A newly designed, low-vibration cab mount with viscous material and a coil spring reduces noise inside the cab and improves durability, while increasing operator comfort and reducing operator fatigue.

# ADVANCED TECHNOLOGIES AND SAFE SOLUTIONS

## Ergonomics and Safety Lead the Way

Low noise, low vibration and ergonomic design are hallmarks of the new Hyundai HX series excavator designs that combine advanced technology with maximum

safety features. With an HX series excavator at work, your jobsite will be both productive and safe.



### AAVM (All-Around View Monitoring) Camera System Option

The Hyundai-exclusive AAVM video camera system option maximizes operator awareness of the surrounding areas. This system allows a 360-degree field of vision for operators to help prevent accidents. Operators can maintain a constant view of the workplace in the front, the rear, the right and the left. AAVM provides a field of vision in all directions with nine views



including a 3D bird's eye view and a 2D/4-channel view. The system includes IMOD (Intelligent Moving Object Detection) capability to alert the operator to the presence of people or objects within a specific range of operation (recognition distance: 5 m / 16 ft).



### Easy Access to DEF/AdBlue® Supply System

The DEF/AdBlue® tank is installed next to the tool box. Its inlet is remotely located for easy access and convenient supply. A red lamp signal warns of overfill. The DEF/AdBlue® supply module is attached on the side of the fuel tank for easy maintenance and filter replacement.



### Easy, Safe Entry and Exit

HX series excavator cabs offer safe, easy entry and exit, thanks to well-placed door handles, wide-opening doors and a sturdy grab bar next to the door.



### **Swing-lock System Option**

The optional swing-lock system maintains stability when the swing movement needs to be limited, improving operating speed and productivity.

### **Fine Swing Control Option**

The optional fine swing control provides additional precision through reduced swing shock under load at slow swing speeds.

### **Boom Float Mode Option**

This new option improves stability and control when leveling, allowing the boom to float along as the arm is moved in and out.

# BACKED BY HYUNDAI

## Built to Perform

Hyundai HX series excavators, like all Hyundai equipment, are built to perform, day in and day out, to meet our customers' toughest expectations and quality standards.



## Support

When you purchase a Hyundai machine, you know your investment is as solid as the steel on our buckets and booms. You can count on the Hyundai difference:

- Products packed with value – with more standard features on every machine
- Knowledgeable, trained and experienced dealer service personnel, backed by our solutions-focused field support team
- Industry-leading standard warranty of 3 years or 3,000 hours plus 5-year, 10,000-hour structural warranty, as well as the Hyundai Extend optional extended-warranty program
- Maintains an average 98-percent fill rate for parts orders submitted by our dealers on behalf of customers like you. Our warehouse in suburban Atlanta has more than \$30 million in inventory

## North American Dealer Network

Hyundai construction equipment is sold and serviced through a growing network of more than 70 of North America's top equipment dealerships, with more than 100 locations across the United States and Canada.



## Hi-Mate Remote Management System

Hi-Mate, the proprietary Hyundai remote management system, is provided free of charge for three years with all new, full-sized Hyundai excavators. This GPS-based software system allows equipment owners and service personnel to track and monitor Hyundai construction machines at any time and in any location, monitoring key machine components such as the engine, hydraulics and electrical system. Hi-Mate saves time and money for the owner by promoting greater preventive maintenance to reduce equipment downtime.



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