

Hyundai Wheel Loader - Equipped with EU Stage IIIB Engine

**HL757-9A**  
**HL760-9A**

**HL770-9A**  
**HL780-9A**

MOVING YOU FURTHER

**HYUNDAI HEAVY INDUSTRIES**



 **HYUNDAI**

# PRIDE AT WORK

Hyundai Heavy Industries strives to build state-of-the-art earthmoving equipment to give every operator maximum performance, optimal controllability with versatile machine settings and proven technology.

*Be proud of your work with Hyundai!*



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## Machine Walk-Around

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### Reliable Main Components

#### Engine Technology

Proven, reliable, fuel efficient, low emission and low noise Cummins diesel engine, complying with Tier 4 Interim & EU Stage IIIB emission regulation

#### Full Automatic Transmission

4 step shift modes (Manual / Light / Normal / Heavy)

for various working conditions

Kick-down button & FNR switch integrated in hydraulic controls

for operating comfort

Transmission with self-diagnostics and protection at low temperatures

#### Axles

Variety of differentials to offer maximum traction on different ground conditions

Self-adjusting brakes, mounted in wheel hubs

### High Durability

“Load sensing – Flow sharing” hydraulic system with variable displacement pump

Improved cooling system with high resistance to thermal shocks and vibrations

### Enhanced Operators' Cab

#### Improved Visibility

Enlarged cabin with curved front window

All windows consist of safety glass

#### Improved Convenience

Increased cooling & heating capacity with full automatic temperature control

Radio & MP3 player with USB-input

Stair with large aluminum steps for easy and safe access to the cabin

#### Advanced Color LCD-display

New color LCD-display with easy to read digital gauges for hydraulic oil temperature, water temperature and fuel level

Monitoring system with boom & bucket position settings and payload-system to increase work efficiency and overload prevention

Automatic activated rear view camera for easier and safer work

### Easy Maintenance

Reversible, hydraulic driven cooling fan for reduced fuel consumption and low noise

Swing-out coolers and ground level access of service points for easy maintenance



# PRECISION & PERFORMANCE

Innovative hydraulic system technologies make the 9A series wheel loaders fast, smooth and easy to control. 9A Series stands for lasting performance in strength, speed and reliability.



## Improved Durability & Reliability



Enhanced axles improve driving on uneven ground conditions. All coolers are designed with aluminum bar plate configuration and undergo extended factory tests for thermal shocks and vibrations to assure long term durability.

## Variable Operating Modes



9A series wheel loaders are designed to allow the operator to customize the machine's engine power, automatic transmission shift timing and clutch cut-off based on the application and operator's preference. The adjustability of the 9A series contributes to improved productivity, enhanced operator comfort and reduced fuel consumption.



### 3 Engine Power Modes

Power Mode : Heavy duty work  
 Standard Mode : General work  
 Economy Mode : Light duty work

### 4 Transmission Shift Modes

Manual Mode  
 Auto-Light Mode : Light duty & long distance carry  
 Auto-Normal Mode : General loading & retracting light material  
 Auto-Heavy Mode : Heavy duty loading & retracting heavy material.

### 3 Clutch Cut-Off Modes

Low Mode : Short distance & fast loading  
 Medium Mode : General loading  
 High Mode : Loading on a slope

## Cleaner Cummins Engines



Cummins engines above 174 HP (130 kW) meet Tier 4 Interim / EU Stage IIIB emissions standards with the combination of a cooled-EGR system, High Pressure Common Rail (HPCR) fuel system and a Cummins Diesel Particulate Filter (DPF). Through passive or active regeneration, captured particulates in the DPF-filter are removed without interruption of machine operation. Depending on the working environment, active regeneration can be disabled or initiated manually. These engines are furthermore equipped with a patented Cummins Direct Flow™ air filter and a VGT™ Turbocharger. The result is an engine that delivers better performance with faster cycle times and gets up to 5% better fuel efficiency.

## 5 speed Transmission with Lock-up torque converter



Automatic transmission designed for improved performance, minimum power loss and maximum durability. With a 5 speed Transmission & Lock up Torque Converter, operators experience both higher travel speed and traction as a reduction of fuel consumption.

# OPERATOR COMFORT

Operating a 9A series wheel loader is unique to every operator. Operators can fully customize their work environment and operating preferences to fit their individual need.



## Spacious and Convenient Cab

The newly designed cabin was conceived for more space, better visibility and increased operator's comfort. Special attention was given to a clean and open interior with plenty of visibility on the machine surroundings and the jobsite. A balanced combination of cab ergonomics puts the operator in the perfect position to work safely and securely.

## Smart Key



The 9A series wheel loaders are equipped with an electronic Smart Key. Through radio frequency identification, the system recognizes if the programmed Smart Key is available in the cabin, allowing the operator to start the engine by the push of a start/stop button without inserting a key in the ignition. Several Smart Keys can be programmed to start one machine and several machines can be programmed to be started by one Smart Key.



Tilting / telescopic steering column



80mm



Wrist rest



FNR switch



Rear sunvisor



Heated rear view side mirrors



Radio with Bluetooth function / AC control

## Advanced LCD-display



The advanced cluster with 5.7 inch wide color LCD-display with touch screen allows the operator to select his personal machine preferences. An integrated payload-system gives a clear indication of your load on the monitor and contributes to higher work efficiency. Self-diagnostics, automatic activated rear-view camera, maintenance check lists and startup machine security are integrated into the monitor to make the machine more versatile and the operator more productive.

## Monitor Tilt Range



# PROFITABILITY

9A series machines are designed to maximize profitability through improved fuel efficiency, enhanced service features and long-lasting components.





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### Hi-mate (Remote Management System)

Hi-mate, Hyundai's newly developed remote management system, using GPS-satellite technology, provides our customers with the highest level of service and product support. Hi-mate enables machine owners to follow-up machine performance, to verify machine location and to access diagnostic information on a distance through any internet connection.



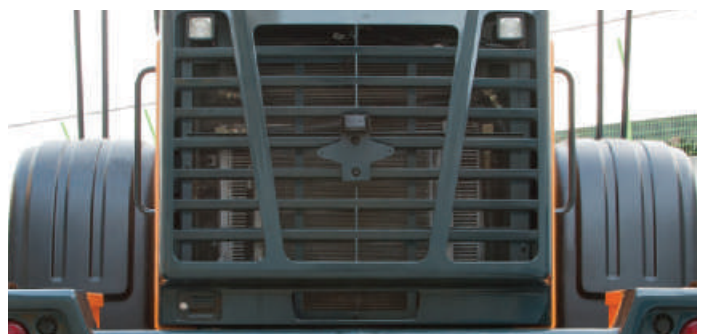
### Easy Maintenance Access

Swing-out transmission and hydraulic oil cooler, access from ground level to filters, lubrication fittings, fuses, drains and machine computer components, combined with wide open compartments make service more convenient on the 9A series.



### Hydraulic driven Cooling Fan

The hydraulic driven cooling fan regulates fan speed according to actual temperatures of engine coolant, air intake, transmission oil and hydraulic oil to reduce fuel consumption and machine noise. The automatic or manual auto reverse function blows debris out of the coolers.



### Extended Life of Components

9A series machines are designed for extended lubrication intervals and life of components. Long life hydraulic filters last up to 1,000 hrs and Hyundai certified "long-life hydraulic oil" only needs to be changed every 5,000 hrs. Long life and extended wear components save time and money for machine owners.

# PRODUCT OVERVIEW

Hyundai Wheel loaders in the range of operating weight 9 ~ 33,5 tons and bucket capacity 1.8 ~ 6 m<sup>3</sup>.

## HL730-9A



### ENGINE

Type	Cummins QSB4.5 (EU Stage IIIb)
Engine Power (Net)	95 kW / 2,200 rpm

### OPERATING SPECIFICATIONS

Operating Weight	10,500 kg
Bucket Capacity	1.9 m <sup>3</sup>
Break-out Force	9,150 kg
Tipping Load - Full turn	7,630 kg
Max. Travel Speed	39.2 km/h
Max. Dumping Height	2,700 mm

### ALSO AVAILABLE:

- XTD-version (extended boom)
- TM-version (parallel bucket kinematics)

## HL740-9A



### ENGINE

Type	Cummins QSB6.7 (EU Stage IIIb)
Engine Power (Net)	116 kW / 2,100 rpm

### OPERATING SPECIFICATIONS

Operating Weight	12,700 kg
Bucket Capacity	2.3 m <sup>3</sup>
Break-out Force	11,250 kg
Tipping Load - Full turn	8,490 kg
Max. Travel Speed	39.5 km/h
Max. Dumping Height	2,785 mm

### ALSO AVAILABLE:

- XTD-version (extended boom)
- TM-version (parallel bucket kinematics)

## HL757-9A



### ENGINE

Type	Cummins QSB6.7 (EU Stage IIIb)
Engine Power (Net)	147 kW / 2,200 rpm

### OPERATING SPECIFICATIONS

Operating Weight	14,700 kg
Bucket Capacity	2.8 m <sup>3</sup>
Break-out Force	12,530 kg
Tipping Load - Full turn	10,060 kg
Max. Travel Speed	40.8 km/h
Max. Dumping Height	2,840 mm

### ALSO AVAILABLE:

- XTD-version (extended boom)
- TM-version (parallel bucket kinematics)

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**ENGINE**

Type Cummins QSB6.7 (EU Stage IIIB)  
 Engine Power (Net) 165 kW / 2,100 rpm

**OPERATING SPECIFICATIONS**

Operating Weight 18,350 kg  
 Bucket Capacity 3.3 m<sup>3</sup>  
 Break-out Force 16,230 kg  
 Tipping Load - Full turn 12,100 kg  
 Max. Travel Speed 38.5 km/h  
 Max. Dumping Height 3,460 mm

**ALSO AVAILABLE:**

XTD-version (extended boom)

**HL770-9A**



**ENGINE**

Type Cummins QSL9 (EU Stage IIIB)  
 Engine Power (Net) 221 kW / 2,000 rpm

**OPERATING SPECIFICATIONS**

Operating Weight 23,500 kg  
 Bucket Capacity 4.2 m<sup>3</sup>  
 Break-out Force 21,740 kg  
 Tipping Load - Full turn 15,350 kg  
 Max. Travel Speed 46.0 km/h  
 Max. Dumping Height 3,090 mm

**ALSO AVAILABLE:**

XTD-version (extended boom)

**HL780-9A**



**ENGINE**

Type Cummins QSX11.9 (EU Stage IIIB)  
 Engine Power (Net) 262 kW / 2,000 rpm

**OPERATING SPECIFICATIONS**

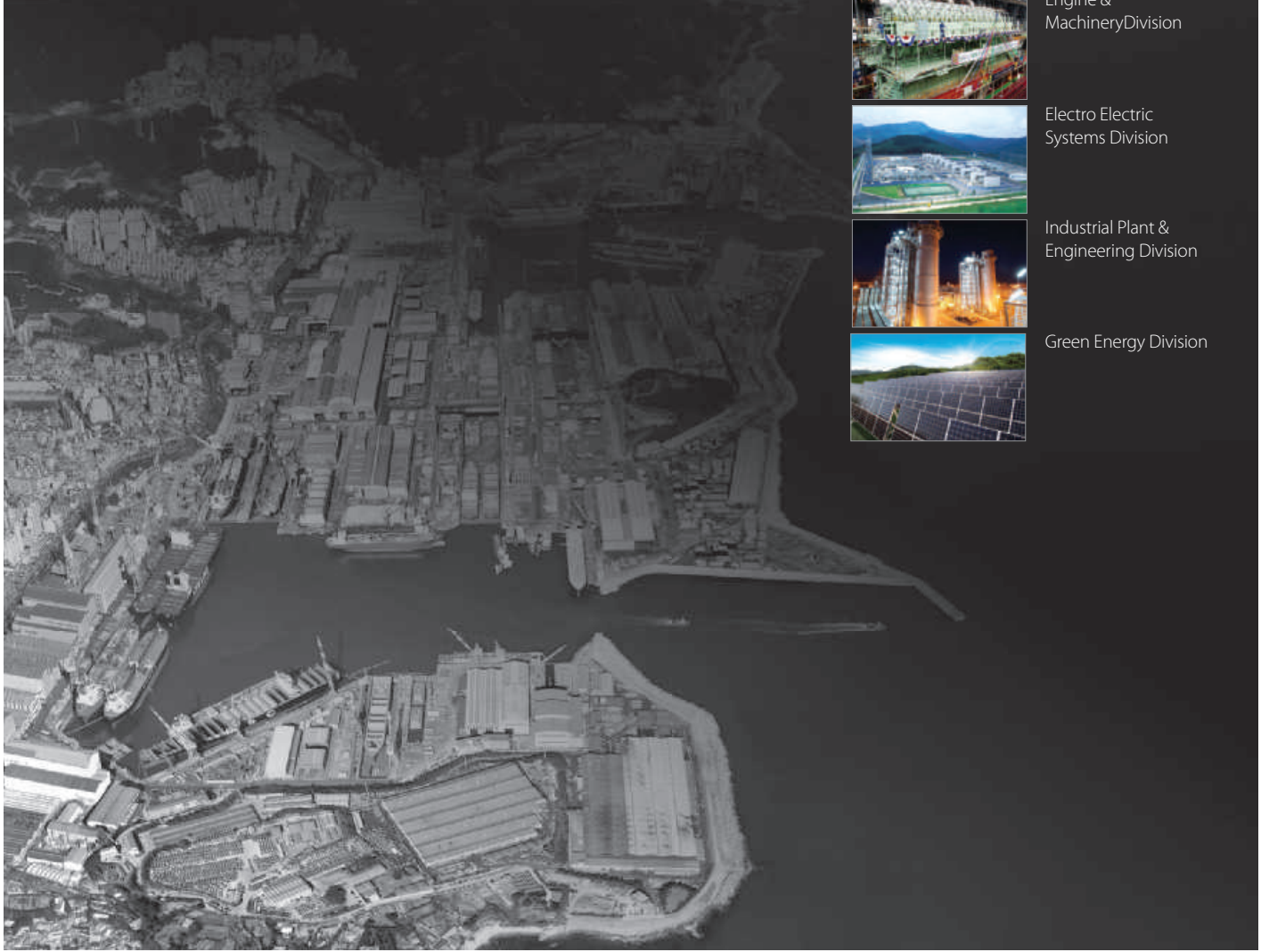
Operating Weight 30,300 kg  
 Bucket Capacity 5.4 m<sup>3</sup>  
 Break-out Force 23,750 kg  
 Tipping Load - Full turn 20,840 kg  
 Max. Travel Speed 36.0 km/h  
 Max. Dumping Height 3,300 mm

**ALSO AVAILABLE:**

XTD-version (extended boom)  
 Marble version

# Company Organization

Hyundai Heavy Industries (HHI) had its groundbreaking ceremony in March 1972. HHI spreads across 2,300 acres that cover 1,500 acres of its production facilities and 800 acres of amenities (apartment complexes, schools, and recreational centers). Since the successful construction of its first two 260,000 DWT supertankers in 1974, HHI has built and delivered almost every kind of ship to customers the world over. Backed by technology and experience acquired through shipbuilding as well as streamlined modern facilities and a highly skilled work force, HHI has diversified its business activities from shipbuilding into other heavy industrial fields. On this vast compound, HHI operates various business lines: Shipbuilding, Engine & Machinery, Offshore & Engineering, Industrial Plant & Engineering, Electro Electric Systems, Construction Equipment and Green Energy, ISO 9001 & ISO 14001 certified.



Shipbuilding Division



Construction Equipment Division



Offshore & Engineering Division



Engine & Machinery Division



Electro Electric Systems Division



Industrial Plant & Engineering Division



Green Energy Division

- \* 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.

PLEASE CONTACT

