

Hyundai Wheel Loader - Equipped with EU Stage IIIB Engine

HL730-9A HL740-9A

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!





Machine Walk-Around

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

Electronically controlled for optimum fuel to air ratio and clean, efficient combustion

HPCR (High Pressure Common Rail) fuel system / Self-diagnostic system

DOC - Clean emission aftertreatment module

3 engine modes, P (Power), S (Standard), E (Economy) for full power or reduced fuel consumption according to operator preference

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

Self-diagnostic & Memory of malfunction history

Minimum travel shift shock by applying proportional controlling modulation valve /

Self adjusting Clutch gap

Axles

Self-adjusting & wheel speed wet disc brake

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

Tilting & telescopic steering column

Adjustable wrist rest for reduced operating stress

Multiple storage compartments

AM/FM Radio with MP3 interface and USB input and bluetooth hands-free

Improved ladder with 20 degree incline and large, deep tread, aluminum cast steps for safer access and exit from the cab

Advanced Color LCD-display

Easy-to-read new color LCD display equipped with natural screen movement

Newly designed multimedia function for an enjoyable work

Auto boom kick out and bucket positioner - fully adjustable from within the cab

Integrated load weighing system, viewable through the monitor, for improved work efficiency and overload prevention

Self diagnostic & monitoring system with active display of engine, hydraulic system, transmission and electrical component information

Color, rear-view, back-up camera for improved safety and convenience

Easy Maintenance

The tilting transmission and hydraulic oil coolers swing open for easy access and regular maintenance

Ground level access to critical service points, filters and sight gauges for easy maintenance

Long life hydraulic filter and oil for reduced operating costs

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.





Cleaner Cummins Engines

The CUMMINS engine combines advanced electronic controls and a self-diagnostic system with reliable performance. The combination of a high pressure common rail system and an advanced in-cylinder combustion technology results in increased power, improved transient response and reduced fuel consumption. The Cummins engine complies with current emissions standards including EPA Tier 4 interim and EU Stage III-B.

DOC - Clean Emission Aftertreatment Module

Reduces Particulate Matter (PM) through a chemical reaction with no cleaning or maintenance required. A DOC(Diesel Oxidation Catalyst) consists of a catalytic coating on a cordierite or metallic substrate for oxidizing exhaust particulate matter. It operates in a passive-only mode and can act as a stand alone aftertreatment solution for those engines requiring a moderate PM reduction.

VGT(Variable Geometry Turbocharger)

Newly designed VGT with electric actuator delivers optimum air flow resulting in cleaner exhaust gas, quick transient acceleration and improved fuel economy by combining the benefits at low & high engine speed.

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



Fully Automatic Transmission

Fully automatic transmission designed for minimum power loss, improved travel speed and low noise. Improved clutch control and minimized shifting shock when traveling, contribute to a smoother ride. Error messages and transmission fault history are recorded and accessible through the monitor.

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.





Hi-mate (Option)

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.



Full Fenders and Mud Guards (Option)

9A series wheel loaders can be equipped with optional full rear mud guards to reduce material splatter to the cab and machine frame.



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 m³.

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 ³
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 ³
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 ³
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)

HL760-9A



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 ³
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 ³
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 ³
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

