HL760-9A
With Tier 4 Interim Engine installed

HYUNDAI HEAVY INDUSTRIES

*Photo may include optional equipment.
Hyundai Heavy Industries strives to build state-of-the-art earthmoving equipment to give every operator maximum performance, more precision, versatile machine preferences, and proven quality.  

*Take pride in your work with Hyundai!*
Reliable Main Components

**Engine Technology**
- Proven, reliable, fuel efficient, low emission, low noise Cummins Tier 4 Interim & EU Stage IIIB QSB6.7 engine
- Electronically controlled for optimum fuel to air ratio and clean, efficient combustion
- HPCR (High Pressure Common Rail) fuel system / Self-diagnostic system
- DPF - Clean emission aftertreatment module
- 3 engine modes, P (Power), S (Standard), E (Economy), for full power or reduced fuel consumption according to operator preference

**Fully Automatic Transmission**
- 4 step shift modes (Manual / Light / Normal / Heavy) for different working conditions
- Protective transmission at low temperature (Automatic warm-up system)
- Self-diagnostic & Memory of malfunction history
- Minimum travel shift shock by applying proportional controlling modulation valve / Self adjusting Clutch gap
- Kick-down button & FNR switch for operating comfort

**Axle**
- Self-adjusting & wheel speed wet disc brake

**Improved Durability**
- Load sensing hydraulic system with variable displacement piston pump and closed-center MCV (main control valve)
- Long-life cooling system with relocated cooling fan & radiator, designed for additional durability; resistant to thermal shock, impulse and vibration
- Redesigned steering cylinder lug and bucket link, now cast steel for additional strength and reliability

**Enhanced Operator Comfort**

**Improved Visibility**
- Larger operator’s cab for additional comfort
- Redesigned cab with rounded front glass and larger door glass for a larger field of view

**Improved Convenience**
- Increased cooling & heating capacity with fully automatic climate control system
- 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 5.7” Color Monitor with Touch Screen**
- Easy-to-read new color LCD display equipped with natural screen movement
- Newly designed multimedia function for an enjoyable work experience
- 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

**Serviceability**
- 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
Innovative hydraulic system technologies make the 9A series wheel loaders fast, smooth and easy to control. 9A series is designed for maximum performance to keep the operator working productively.
Improved Durability & Reliability

An enhanced axle improves driving over variable ground conditions. Self-adjusting brakes automatically regulate disc clearance, reduce service time and improve brake reliability and performance. The new load sensing hydraulic system with a variable displacement piston pump and closed center main control valve provide efficient hydraulic power and additional energy savings.

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 activation based on the job condition and personal operator preference. Convenient rotary type switches allow for easy adjustment of the engine power mode, transmission power shift mode, and clutch cut-off mode. Additionally, the optional ride control system has shock absorbing accumulators that cushion the boom, improve operator comfort and reduce material loss. The versatility of the 9A series operating modes contributes to improved productivity, enhanced operator comfort and reduced fuel consumption.

Eco-friendly Cummins QSB 6.7 Engine

The CUMMINS QSB6.7 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 QSB6.7 Cummins engine complies with current emissions standards including EPA Tier 4 interim and EU Stage III-B.

DPF - Clean Emission Aftertreatment Module

DOC (Diesel Oxidation Catalyst) and DPF (Diesel Particulate Filter). High efficient DPF reduces more than 90% of particulate matter. Regeneration, the process by which soot is removed from DPF, is automatically done in both passive and active way depending on the soot level and does not interrupt the daily machine operation. The operator can also initiate regeneration manually or disable regeneration on the job.

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 of low & high engine speed.

Fully Automatic Transmission

Fully automatic transmission designed for maximum durability, 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 faults are recorded and accessible through the monitor.

Complete with a New 5 Speed & Lock up Clutch (Option)

By using the 5 speed & Lock up Clutch, the operator can enjoy both the reduction of consumption and the use of various gears depending on the working condition.
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 needs.

**Operator comfort**

The newly designed cabin has more space, a wider field of view and operator comfort. The front windshield is rounded and 17% wider than our previous series. Special attention was given to a clean, open and convenient interior with wide visibility of the machine surroundings and the job at hand. This well-balanced combination of cab ergonomics puts the operator in a perfect position to work safely and conveniently. The 9A series cab’s fully automatic climate control system features 11 air vents and increased cooling and heating capacity for optimum temperature control. The defroster vents located at the front and rear windows and the PTC (electric pre-heater) makes working in cold weather more comfortable.

*Photo may include optional equipment.

**Wide and Convenient Cab**

The newly designed cabin has more space, a wider field of view and operator comfort. The front windshield is rounded and 17% wider than our previous series. Special attention was given to a clean, open and convenient interior with wide visibility of the machine surroundings and the job at hand. This well-balanced combination of cab ergonomics puts the operator in a perfect position to work safely and conveniently. The 9A series cab’s fully automatic climate control system features 11 air vents and increased cooling and heating capacity for optimum temperature control. The defroster vents located at the front and rear windows and the PTC (electric pre-heater) makes working in cold weather more comfortable.
Operator Comfort

In the 9A series cabin you can easily adjust the steering column and wrist rest to best suit your preferred comfort level. Pilot-operated joystick controls are easy and comfortable to operate. An FNR (Forward/Neutral/Reverse) switch on the control lever facilitates easy selection of travel direction. Roller type sunshades on the front and rear window allow the operator to reduce glare and improve visibility. Heated side mirrors feature built-in hot wires for quick defrosting in cold weather conditions.

Reduced Stress

Hyundai’s 9A series cabin offers many amenities, additional space and a comfortable seat to minimize stress of the operator. A powerful climate control system provides the operator with optimum air temperature. An advanced audio system with AM/FM stereo, MP3 interface and USB input, plus remotely located controls, is perfect for listening to your favorite music.

Smart Key System (Option)

User authentication and anti-theft system are reinforced with smart key system (optional). This allows the operator to start the engine with the push of a starter button rather than inserting a key into the ignition.

Advanced Color Monitor

The advanced new monitor with 5.7-inch wide color LCD with touch screen allows the operator to easily and efficiently control the machine. The operator can adjust boom kick-out and bucket position via overhead switches while monitoring the adjustment settings through the monitor. An integrated load weighing system that contributes to improved work efficiency can also be viewed through the monitor. Self-diagnostics, color rear-view camera maintenance check lists and start-up machine security were integrated into the monitor to make the machine more versatile and the operator more productive. The new monitor display unit is mounted on an adjustable swivel to reduce glare and position according to operator preference. Also, the newly designed multimedia menu provides a music & video player function for an enjoyable work experience.

Monitor Tilt Range

<table>
<thead>
<tr>
<th>Horizontal</th>
<th>Vertical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total : 30°</td>
<td>Total : 14°</td>
</tr>
<tr>
<td>CCW : 540°</td>
<td>CCW : 540°</td>
</tr>
<tr>
<td>CW : 540°</td>
<td>CW : 540°</td>
</tr>
</tbody>
</table>
PROFITABILITY

9A series is designed to maximize profitability through improved efficiencies, enhanced service features and longer life components.

*Photo may include optional equipment.
Hi-mate (Remote Management System)
Hi-mate, Hyundai’s proprietary remote management system, provides operators and dealer service personnel access to vital service and diagnostic information on the machine from any computer with internet access. Users can pinpoint machine location using digital mapping and set machine work boundaries, reducing the need for multiple service calls. Hi-mate saves time and money for the owner and dealer by promoting preventative maintenance and reducing machine downtime.

Remote-mounted Cooling Fan
The remote-mounted, hydraulically powered cooling fan regulates fan speed according to working temperatures for coolant, intake air, transmission oil and hydraulic oil. The fan drive with variable piston pump contributes to reduce fuel consumption and improve cooling capacity. The fan is designed to auto reverse periodically or manually reverse to keep debris from accumulating in the coolers.

Easy Access
The tilting transmission and hydraulic oil coolers swing open for easy access and regular maintenance, and the rear door can be open to over 90 degrees. Conveniently located transmission oil site gauges make checking fluid levels fast and efficient. Ground-line access to fuel and oil filters, grease fittings, fuses, machine computer components and wide open compartments makes service more convenient in the 9A series.

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 Components
The 9A series is designed for longer lubrication intervals and extended component life. Long life hydraulic filters now have 1,000 hours service intervals and Hyundai certified hydraulic oil can last up to 5,000 hours before changing. Also, a new center pivot roller bearing design, now double tapered, requires less maintenance as well. Long life and extended wear components save the operator time and money.
### ENGINE

<table>
<thead>
<tr>
<th>Maker/Model</th>
<th>CUMMINS QS6.7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Watercooled, 4-cycle, turbocharged, charge air cooled direct injection, electronic controlled diesel engine</td>
</tr>
<tr>
<td>Gross power</td>
<td>255 HP (168 kW) / 2,100rpm</td>
</tr>
<tr>
<td>Net power</td>
<td>222 HP (166 kW) / 2,100rpm</td>
</tr>
<tr>
<td>Maximum torque</td>
<td>97 kg-m (700 lb-ft) / 1,500rpm</td>
</tr>
<tr>
<td>No. of cylinders</td>
<td>6</td>
</tr>
</tbody>
</table>

※No derating for continuous operating required up to 2,652m (8,700ft). This engine meets the EPA(Tier 4 interim) / EU(Stage III-B) Emission regulation.

### TRANSMISSION

<table>
<thead>
<tr>
<th>Torque converter type</th>
<th>3-elements, single-stage single-phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tire</td>
<td>23.5-25, L3</td>
</tr>
</tbody>
</table>

※Full automatic power shift, countershaft type with soft-shift in range and direction. Properly matched torque converter to engine and transmission for excellent working ability.

<table>
<thead>
<tr>
<th>Travel speed</th>
<th>km/h (mph)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forward</td>
<td></td>
</tr>
<tr>
<td>1st</td>
<td>6.3 (3.9)</td>
</tr>
<tr>
<td>2nd</td>
<td>12.0 (7.5)</td>
</tr>
<tr>
<td>3rd</td>
<td>24.0 (14.9)</td>
</tr>
<tr>
<td>4th</td>
<td>38.4 (23.9)</td>
</tr>
<tr>
<td>Reverse</td>
<td></td>
</tr>
<tr>
<td>1st</td>
<td>6.7 (4.2)</td>
</tr>
<tr>
<td>2nd</td>
<td>12.6 (7.8)</td>
</tr>
<tr>
<td>3rd</td>
<td>25.2 (15.7)</td>
</tr>
</tbody>
</table>

### AXLES

<table>
<thead>
<tr>
<th>Drive system</th>
<th>Four-wheel drive system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mount</td>
<td>Rigid front axle and oscillating rear axle</td>
</tr>
<tr>
<td>Rear axle oscillation</td>
<td>±12° (total 24°)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hub reduction</th>
<th>Planetary reduction at wheel end</th>
</tr>
</thead>
<tbody>
<tr>
<td>Differential</td>
<td>Conventional</td>
</tr>
<tr>
<td>Reduction ratio</td>
<td>24.666</td>
</tr>
</tbody>
</table>

### HYDRAULIC SYSTEM

<table>
<thead>
<tr>
<th>Type</th>
<th>Load sensing hydraulic system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump</td>
<td>Variable axial piston pump, 233 liters/min 61.6 gal/min</td>
</tr>
<tr>
<td>Control valve</td>
<td>2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom, Aux) Pilot pressure controled type</td>
</tr>
<tr>
<td>System pressure</td>
<td>280 kgf/cm^2 (3,982 psi)</td>
</tr>
</tbody>
</table>

### BUCKET CONTROLS

<table>
<thead>
<tr>
<th>Type</th>
<th>Pilot operated lift and tilt circuit, single-lever (joystick) control standard.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Circuit</td>
<td>The valve has four functions; raise, hold, lower and float. Can adjust automatic kickout from horizontal to full lift.</td>
</tr>
<tr>
<td>Tilt Circuit</td>
<td>The valve has three functions; tilt back, hold and dump. Can adjust automatic bucket positioner to desired load angle.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Type : Double acting</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL760-9A</td>
<td>No. of cylinders-bore x stroke; Lift 2-140 mm (5.5&quot;) x 757 mm (29.8&quot;)</td>
</tr>
<tr>
<td>HL760XTD-9A</td>
<td>Tilt 1-160 mm (6.2&quot;) x 530 mm (20.8&quot;)</td>
</tr>
<tr>
<td>Cycle Time</td>
<td>Raise : 5.8 sec Dump : 1.2 sec Lower : 3.1 sec Total : 10.1 sec</td>
</tr>
</tbody>
</table>
**BRAKES**

Service Brakes
Hydraulically actuated, wet disc brakes actuate all 4 wheels independent axle-by-axle system. Self adjusting & wheel speed brake.

Parking Brake
Spring-applied, hydraulically released disk brake

Emergency Brake
When brake oil pressure drops, indicator light alerts operator and parking brake automatically applies.

**SERVICE REFILL CAPACITIES**

<table>
<thead>
<tr>
<th>Component</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>327 liters (86.4 USgal)</td>
</tr>
<tr>
<td>Cooling system</td>
<td>43 liters (11.3 USgal)</td>
</tr>
<tr>
<td>Crankcase</td>
<td>18 liters (4.8 USgal)</td>
</tr>
<tr>
<td>Transmission</td>
<td>32 liters (8.5 USgal)</td>
</tr>
</tbody>
</table>

**OVERVIEW**

<table>
<thead>
<tr>
<th>Description</th>
<th>UNIT</th>
<th>HL760-9A</th>
<th>HL760XTD-9A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight</td>
<td>kg (lb)</td>
<td>18,350 (40,490)</td>
<td>19,150 (42,220)</td>
</tr>
<tr>
<td>Bucket capacity</td>
<td>m³ (yd³)</td>
<td>3.3 (4.3)</td>
<td>3.3 (4.3)</td>
</tr>
<tr>
<td>Struck</td>
<td>m³ (yd³)</td>
<td>2.8 (3.7)</td>
<td>2.8 (3.7)</td>
</tr>
<tr>
<td>Breakout force-bucket</td>
<td>kg</td>
<td>16,230 (35,780)</td>
<td>15,820 (34,880)</td>
</tr>
<tr>
<td>Tipping load</td>
<td>kg</td>
<td>14,300 (31,530)</td>
<td>12,690 (27,960)</td>
</tr>
<tr>
<td>Full turn</td>
<td>kg</td>
<td>12,410 (27,360)</td>
<td>10,940 (24,120)</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Description</th>
<th>UNIT</th>
<th>HL760-9A</th>
<th>HL760XTD-9A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>UNIT</td>
<td>HL760-9A</td>
<td>HL760XTD-9A</td>
</tr>
<tr>
<td>Bucket Type</td>
<td></td>
<td>General purpose bolt-on cutting edge</td>
<td></td>
</tr>
<tr>
<td>A. Dumping clearance at max. height and 45° dump angle</td>
<td>mm (ft-in)</td>
<td>2,970 (9' 9&quot;)</td>
<td>3,460 (11' 4&quot;)</td>
</tr>
<tr>
<td>B. Reach</td>
<td></td>
<td>1,220 (4')</td>
<td>1,235 (4' 1&quot;)</td>
</tr>
<tr>
<td>C. Digging depth</td>
<td>mm</td>
<td>90 (3.5&quot;)</td>
<td>86 (3.4&quot;)</td>
</tr>
<tr>
<td>D. Overall length</td>
<td>mm (ft-in)</td>
<td>8,100 (26' 7&quot;)</td>
<td>8,660 (28' 5&quot;)</td>
</tr>
<tr>
<td>E. Overall height (fully raised)</td>
<td>mm (ft-in)</td>
<td>5,375 (18' 3&quot;)</td>
<td>6,060 (19' 11&quot;)</td>
</tr>
<tr>
<td>F. Bucket pivot max. height</td>
<td>mm (ft-in)</td>
<td>4,105 (13' 6&quot;)</td>
<td>4,600 (15' 1&quot;)</td>
</tr>
</tbody>
</table>

**STEERING SYSTEM**

<table>
<thead>
<tr>
<th>Type</th>
<th>Load sensing hydrostatic articulated steering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump</td>
<td>Piston pump, 126 liters/min (33.3 gal/min)</td>
</tr>
<tr>
<td>Relief Valve Setting</td>
<td>250 kg/cm (3,555 psi)</td>
</tr>
<tr>
<td>Cylinder</td>
<td>Double acting</td>
</tr>
<tr>
<td>Bore x Stroke</td>
<td>75mm (2.9&quot;) x 440mm (17.3&quot;)</td>
</tr>
<tr>
<td>Steering Angle</td>
<td>40° (each direction)</td>
</tr>
</tbody>
</table>

Features
- Center-point frame articulation.
- Tilt and telescopic steering column.

**TIRES**

<table>
<thead>
<tr>
<th>Type</th>
<th>Tubeless, loader design tires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>23.5-25, 20 PR, L3</td>
</tr>
<tr>
<td>Options include</td>
<td>20.5-25, 16 PR, L3</td>
</tr>
<tr>
<td></td>
<td>23.5-25, 20 PR, LS</td>
</tr>
<tr>
<td></td>
<td>23.5 R25 XHA*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>UNIT</th>
<th>HL760-9A</th>
<th>HL760XTD-9A</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. Front overhang</td>
<td>mm (ft-in)</td>
<td>2,780 (9' 1&quot;)</td>
<td>3,245 (10' 8&quot;)</td>
</tr>
<tr>
<td>H. Wheelbase</td>
<td>mm (ft-in)</td>
<td>3,300 (10' 10&quot;)</td>
<td>3,300 (10' 10&quot;)</td>
</tr>
<tr>
<td>I. Ground clearance</td>
<td>mm (ft-in)</td>
<td>420 (1' 5&quot;)</td>
<td>420 (1' 5&quot;)</td>
</tr>
<tr>
<td>J. Height over exhaust</td>
<td>mm (ft-in)</td>
<td>2,960 (9' 9&quot;)</td>
<td>2,960 (9' 9&quot;)</td>
</tr>
<tr>
<td>K. Height over cab</td>
<td>mm (ft-in)</td>
<td>3,450 (11' 4&quot;)</td>
<td>3,450 (11' 4&quot;)</td>
</tr>
<tr>
<td>L. Roll-back angle on ground</td>
<td>deg</td>
<td>42</td>
<td>42</td>
</tr>
<tr>
<td>M. Dump angle</td>
<td>deg</td>
<td>47</td>
<td>47</td>
</tr>
<tr>
<td>N. Overall width with bucket</td>
<td>mm (ft-in)</td>
<td>2,900 (9' 6&quot;)</td>
<td>2,900 (9' 6&quot;)</td>
</tr>
<tr>
<td></td>
<td>mm (ft-in)</td>
<td>2,770 (9' 1&quot;)</td>
<td>2,770 (9' 1&quot;)</td>
</tr>
</tbody>
</table>
### STANDARD EQUIPMENT

**Electrical system**
- Alternator, 70A
- Alarms, audible and visual
  - air filter clogging
  - transmission error
  - alternator voltage
  - brake oil pressure
  - engine oil pressure
  - parking brake
  - fuel level
- hydraulic oil temperature
- coolant temperature
- service brake oil pressure
- Alarm, back-up
- Batteries, 900 CCA, 12V, (2)
- Gauges
  - engine coolant temperature
  - fuel level
  - hydraulic oil temperature
  - speedometer
  - transmission oil temperature
  - voltmeter
- Horn, electric
- Indicator lights
  - clutch cut-off
  - high beam
  - turn signal
- LCD Display
  - clock and fault code
  - operating hour counter
  - engine rpm
  - transmission gear range indicator
  - job time and distance
- temperature (coolant, hydraulic oil, t/m oil)
- Lighting system
  - 1 LED dome lights
  - 2 stop and tail lights
  - 4 turn signals
  - brake lights (counterweight)
  - 2 head lights on front tower
  - 2 working lights on front roof
  - 2 working lights on grill
- Switches
  - clutch cut-off
  - hazard
  - Ignition key, start/stop switch
  - main light
  - (illumination and head light)
- Parking
  - rear wiper & washer
  - work light
  - battery master switch
  - pilot cut-off
  - Starter, electric
- Starting and charging system (24-volt)

**Cab**
- Cab, ROPS/FOPS
- (sound suppressed and pressurized)
- with:
  - cigar lighter & ashtray
  - defroster
  - intermittent wiper and washer, front and rear
  - Personal storage space
    - console box
    - holder, can and cup
  - Rear view mirrors (1 inside)
  - Rear view mirrors (2 outside)
  - 2" retractable seat belt & adjustable suspension seat with armrests
  - Steering column, tilt and telescopic
  - Steering wheel with knob
- Roller type sunshade (front window)
- Roll-up rubber mat
- Wrist rest

**Engine**
- Antifreeze
- Engine, Cummins QS86.7
- low emission diesel, tier 4 interim, stage IB
- DPF
- clean emission aftertreatment module
- -872 (-1,922)
- +8 (+18)
- +6 (+13)
- +5 (+11)
- Change in operating weight kg(lb)
- Change in static tipping load-straight kg(lb)
- Change in static tipping load-40° turn kg(lb)

**Power Train**
- Brakes : Service, enclosed wet-disc
- Parking brake
- Torque converter
- Transmission, F4 / R3
- Transmission oil sight level
- Torque converter
- 2 stop and tail lights
- 1 LED dome lights
- Radio/USB player (bluetooth)

**Hydraulics**
- Boom kickout, automatic
- Bucket positioner, automatic
- Diagnostic pressure taps
- Hydraulic oil cooler
- Hydraulic system
- - 2 spool, single lever, pilot control for boom and bucket actuation
- Steering, load-sensing

**Other**
- Engine enclosure, lockable
- Engine fuel priming pump
- 3 operating mode
  - (power / standard / economy)
  - Fan guard
  - FUEL/WATER separator
  - Fuel warmer
  - Underhood with exhaust stack
  - Direct air flow filter wipere cleaner
  - Radiator
  - Starting aid (air intake heater)
  - Water sensor on fuel filter

### OPTIONAL EQUIPMENT

- 24-volt to 12-volt DC converter
- 3 Spool valve with lever
- Beacon light, rotating
- Auxiliary, 2 working lights on front roof (Xenon working lights)
- Auxiliary, 2 working lights on rear roof (Xenon working lights)
- Cutting edge, bolt-on type
- Dual brake pedal
- Secondary steering system
- Fenders (rear-mudguard)
- Fire extinguisher
- High lift arrangement with additional counterweight, 520kg (1,146 lb)
- Hydraulic control, 2 levers
- Hydraulic control, 3 levers
- 3rd spool for auxiliary function
- Joystick with travel switch (FNR)
- Mud guard
- Operator suit
- Pallet forks
- Heated rear view mirrors
- (2 outside)
- Ride control system
- Seat
  - 2" static seat belt & adjustable mechanical suspension (vinyl)
  - 3" static seat belt & adjustable mechanical suspension
  - 2" retractable seat belt & adjustable air suspension (heated)
- Tires :
  - 23.5 - 25, 20PR, L3

### MATERIAL DENSITY

- air conditioner & heater
- coat hook
- cigar lighter & ashtray
- with:
  - low emission diesel, stage II (power / standard / economy)
  - Engine enclosure, lockable
  - Engine fuel priming pump
  - 3 operating mode
  - Fan guard
  - FUEL/WATER separator
  - Fuel warmer
  - Underhood with exhaust stack
  - Direct air flow filter wipere cleaner
  - Radiator
  - Starting aid (air intake heater)
  - Water sensor on fuel filter

Hi-Mate (Remote Management System)
- Rearview camera
- Limited slip differential (front, rear)
- Hyd. lock differential (front)
- Transmission, F5 / R3
- with lock up clutch
- Smart key system
- Guards-transmission

### PLEASE CONTACT

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