 '**Standard Equipment**

- Bucket Selection Guide
- Electrical system
- Optional Equipment
- Supplemental Specifications

**Supplemental Specifications**

<table>
<thead>
<tr>
<th>Description</th>
<th>Change in operating weight kg/lb</th>
<th>Change in static tipping load-straight 10’’ kg/lb</th>
<th>Change in static tipping load-45’’ turn kg/lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.5-25 12PR L3</td>
<td>-248 (-547)</td>
<td>-184 (-406)</td>
<td>-163 (-359)</td>
</tr>
<tr>
<td>20.5-25 16PR L2</td>
<td>-64 (-141)</td>
<td>-48 (-106)</td>
<td>-42 (-93)</td>
</tr>
<tr>
<td>20.5R25 XH2A</td>
<td>+507 (+1118)</td>
<td>+377 (+831)</td>
<td>+322 (+732)</td>
</tr>
<tr>
<td>20.5-25 16PR L5</td>
<td>+596 (+1314)</td>
<td>+442 (+974)</td>
<td>+392 (+864)</td>
</tr>
</tbody>
</table>

**Optional Equipment**

- 34-volt to 12-volt DC converter
- Air conditioner
- Opening cover
- Bucket selection guide
- Fire extinguisher
- Main disconnect switch
- Belt guard
- Open canopy (Non-XR15)
- Operator seat
- Radio MP3 player (standard)
- Ride control system
- 2” retractable seat belt & adjustable mechanical suspension

**HYUNDAI HEAVY INDUSTRIES CO., LTD.**

Construction Equipment

**Hyundai Wheel Loader Applied Tier 2 Engine**

**Supplying HP 750-7 / TM-7 / XTD-7**

**Bucket Capacity, m³ (yd³):**

- **2.5**
- **1.9**
- **2.1**
- **2.3**
- **2.5**
- **2.9**
- **3.1**

**Bucket Positioner, Automatic**

- **20.5R25 XHA**

**Standard and optional equipment may vary.**

Please contact Hyundai for more information. The machine shown may vary according to International standards. All US measurement rounded off to nearest pounds or inches.
Hardworking Hyundai Loaders

Meet the new generation wheel loader in Hyundai.

The HL757-7 will give you the satisfaction in higher power, lower fuel consumption, more comfort and lower emission.

Come and experience what Hyundai has created for you by bringing power and technology.

- Electronic Engine Control System
- Engine Protection & Self-diagnosis System
- Max. Power 178 HP

Wheel Loaders HL757-7

Engine
- Electronic Engine Control System
- Engine Protection & Self-diagnosis System
- Max. Power 178 HP

Transmission
- 2 Automatic Selection Mode
- 2 Kick Down Function Mode
- AEB Function

Axle
- Limited Slip Differential
- Self-Adjusting & Wheel Speed Brake
- Improved Oil Circuit & Lubrication
The all-new, deluxe operating space was engineered with 3-D modeling for your ultimate control center. The wide, tinted and laminated front windshield has no framing cutting through to ensure excellent visibility.

**Joystick Control Lever**
Two kickdown switches located on top of the loader control lever and the gear shifting lever allow the operator to change instantly to 1st stage lower gear, in order to drive at full power into the material.

The centralized digital display shows the status and conditions of your machine at a glance.

**Full automatic shift lever**
A single lever on the left side of the steering column gives the operator fast, easy control of speed and direction. Push the lever forward to go forward, pull it back for reverse. Traveling is automatically changed from 1st stage to given stage according to travel speed and tractive effort. The operator can select two kinds of automatic modes (1st → 4th, 2nd → 4th).

This exclusive feature contributes to an improvement in productivity and reduction of operator’s fatigue.

**Ride control system (optional)**
The ride control system is available for smooth traveling as an option. It significantly reduces machine bouncings and absorbs the shocks in the machine, enhancing the productivity of the machine. This system reduces the fatigue of the driver as well as the stress on the structures and components.

The system consists of accumulators in the hydraulic lift circuit, hydraulic control valve and selection switch.

- **Off position:** Function is cancelled
- **On position:** Function is available when the machine travels above 9.5 km/hr (6.0 mph). If the machine travels under 8 km/hr (5.0 mph), the function is cancelled automatically.

**The Centralized Display & Switch Panel**
The centralized digital display shows the status and conditions of your machine at a glance.

**Joystick Control Lever**
Two kickdown switches located on top of the loader control lever and the gear shifting lever allow the operator to change instantly to 1st stage lower gear, in order to drive at full power into the material.

**The Air Conditioning and Heating System**
The operator can easily control the temperature and airflow. The defroster on the front windshield and rear window makes it convenient for winter working usage.

**Up-to-date-technology CAN system**
Engine control Unit(ECU), Transmission control Unit(TCU) and Machine control Unit(MCU) realize the optimal performance through the mutual CAN communications.

**Adjustable steering column**

**Control Center**

---

Some of the photos may include optional equipment.
Engine
The CUMMINS QSB5.9-C electronic control engine combines full-authority electronic controls with the reliable performance. The combination of improved airflow and evenly dispersed fuel results in increased power, improved transient response and reduced fuel consumption.

And the QSB5.9-C uses advanced electronics controls to meet the emission standards (EPA Tier II, EU Stage II).

Improved Axle
- Limited slip Differential in standard equipment allows easy driving on variable ground condition.
- Self adjusting brake which regulate the disc clearance automatically can maintain optimum brake performance.
- Due to improved internal oil circuit, the durability of axle is increased.

Multi Function Transmission
The newly developed transmission control represents the beating heart of transmission. The hydraulic system for gearshifts is working with proportional valves, which allow a very precise control of the clutches. For each gear change, the control unit performs a monitoring function to ensure that the specified shift curve is adhered, and readjusts the shift pressure applied to the clutches accordingly. This results in smooth gearshifts—even when loaded—without traction interruptions. This helps to avoid standstill of the vehicle, sudden load changes and torque peaks under all conditions, for example, application on steep terrain with full load. In addition, there is an option for the driver to make gearshifts manually.

The minimum fuel consumption and low noise is realized by applying hydraulic cooling fan that senses coolant temperature, intake air temperature, transmission oil temperature and hydraulic oil temperature.

A Well Rounded System
Bucket cylinder guard
This guard helps to prevent possible damages from the load material.

High-rigidity frames
Front and rear frames are designed for work in the toughest applications to provide high rigidity for the power train and loader equipment. The high-rigidity frames, together with the reinforced loader linkage, resist loading stress and shock.

Battery master switch
A master switch disconnects the battery power to protect the electrical system from excessive electrical drainage.

Chromium - Plated PIN is applied
With the application of Chromium Plated PIN, durability and precision are improved and the life cycle became longer.

Sealed loader linkage
Fully protected fitting and the sealed loader linkage with dust seals and o-ring will extend lubrication intervals remarkably.

Frame lock
The machine can be locked by this locking bar to prevent movement during transportation.

Some of the photos may include optional equipment.
Grease fittings are highlighted and available around the machine for fast access when conducting your service checks.

The air cleaner is easily replaceable by turning the wing nut on the outer shell counterclockwise.

The hydraulic tank is located behind the cab to increase the accessibility of hydraulic hoses and pipes.

You can more easily remove or tighten your front attachment pin with these open connectors surrounding the pin.

The hydraulic oil check sight gauge is installed on the side of the hydraulic tank for convenient check from ground level.

It is now easier to change your engine oil, coolant and hydraulic oil with the remote drain port.

The internal pressure is maintained to be slightly higher than outside to exclude dust and to reduce noise level.

The transmission oil change port is also located for easy accessibility and comes with an anti-vandalism lock for your machine protection.

Here you find the engine oil check, and the main and pre-filters. The large access engine side panels allows easy and safe inspections. The fuel filter can be spun on and off for quick replacements.

Electric controllers for Hyundai loader are centralized to improve serviceability. A concentrated fuse box for easy inspection.

The coolant sight gauge is installed on the radiator top tank for convenient checks of coolant level.
Specifications & Dimensions

### Engine
- **Maker/Model:** CUMMINS QSB5.9-C
- **Type:** 4-cylinder, turbocharged, charge air-cooled direct injection, electronic controlled diesel engine
- **Gross power:** 173 HP (129 kW) / 2,000 rpm
- **Net power:** 164 HP (122 kW) / 2,200 rpm
- **Maximum power:** 178 HP (133 kW) / 2,000 rpm
- **Maximum torque:** 32 kg-m (238 ft-lb) / 1,500 rpm
- **No. of cylinders:** 6
- **Bore x Stroke:** 102 mm (4.0") x 120 mm (4.7")
- **Displacement:** 5.9 (360 cu in)
- **Compression ratio:** 5.9
- **Air cleaner:** Dry, dual elements
- **Starting motor:** 2 x 12V, 130 Ah.
- **Battery:** Dry, dual elements
- **Air-cooled direct injection, 5.9 single phase (360 cu in)**

### Torque converter type
- **Type:** Double acting
- **Flow to steering cylinders:**

### Specifications & Dimensions

#### Torque converter type

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL757-7</td>
<td>3-elements, single-stage single-phase</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stall torque ratio</th>
<th>2.875:1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel speed (20.5-25, L3)</td>
<td>km/h (mph)</td>
</tr>
<tr>
<td>Forward 1st</td>
<td>7.1(4.4)</td>
</tr>
<tr>
<td>2nd</td>
<td>11.7(7.3)</td>
</tr>
<tr>
<td>3rd</td>
<td>23.0(14.3)</td>
</tr>
<tr>
<td>4th</td>
<td>36.0(22.4)</td>
</tr>
<tr>
<td>Reverse 1st</td>
<td>7.5(4.7)</td>
</tr>
<tr>
<td>2nd</td>
<td>12.3(7.6)</td>
</tr>
<tr>
<td>3rd</td>
<td>24.1(15.0)</td>
</tr>
</tbody>
</table>

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

### Axles
- **Drive system:** Four-wheel drive system
- **Misfit:** Rigid front axle and oscillating rear axle ±13" (total 26")
- **Hub reduction:** Planetary reduction at wheel end
- **Differential:** Limited slip differential
- **Reduction ratio:** 23.680

### Steering system
- **Type:** Full hydraulic power steering
- **Pump:** Helical gear type, 220 liters/min (58.1 gal/min) @governed rpm
- **Control valve:** Two function valve with single or two lever controls; Optional third function valve with auxiliary lever.
- **Relief valve setting:** 210 kg/cm² (2,990 psi)

### Hydraulic system
- **Type:** Open-centered, tandem circuit system. Pilot-operated controls. Closed with pressure and vacuum relief.
- **Pump:** Helical gear type, 220 liters/min (58.1 gal/min) @governed rpm
- **Control valve:** Two function valve with single or two lever controls; Optional third function valve with auxiliary lever.
- **Relief valve setting:** 210 kg/cm² (2,990 psi)

### Brakes
- **Service brakes:** Hydraulically actuated, wet disc brakes actuate all 4 wheels independent axe-by-axle system. Single pedal braking including clutch cut off switch.
- **Parking brake:** Spring applied, hydraulically released disc brake on transmission
- **Emergency brake:** When brake oil pressure drops, indicator light alerts operator and parking brake automatically applies.

### Dimensions

<table>
<thead>
<tr>
<th>Description</th>
<th>HL757-7</th>
<th>HL757TM-7</th>
<th>HL757XTD-7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket Type</td>
<td>A. Driving clearance at height and 45°</td>
<td>2,080 (82&quot;)</td>
<td>3,290 (130&quot;)</td>
</tr>
<tr>
<td>B. Reach</td>
<td>1040 (41&quot;)</td>
<td>1,080 (43&quot;)</td>
<td>1,300 (51&quot;)</td>
</tr>
<tr>
<td>C. Shoulder height</td>
<td>470 (18&quot;)</td>
<td>460 (18&quot;)</td>
<td>480 (19&quot;)</td>
</tr>
<tr>
<td>D. Overall length</td>
<td>4,910 (16' 1&quot;)</td>
<td>5,100 (16' 9&quot;)</td>
<td>5,300 (17' 4&quot;)</td>
</tr>
<tr>
<td>E. Overall length fully loaded</td>
<td>4,910 (16' 1&quot;)</td>
<td>5,100 (16' 9&quot;)</td>
<td>5,300 (17' 4&quot;)</td>
</tr>
<tr>
<td>F. Overall length max. height</td>
<td>3,400 (11' 2&quot;)</td>
<td>3,600 (11' 10&quot;)</td>
<td>3,800 (12' 4&quot;)</td>
</tr>
<tr>
<td>G. Overall width</td>
<td>2,100 (7' 0&quot;)</td>
<td>2,100 (7' 0&quot;)</td>
<td>2,100 (7' 0&quot;)</td>
</tr>
<tr>
<td>H. Height over cab</td>
<td>2,630 (8' 7&quot;)</td>
<td>2,670 (8' 9&quot;)</td>
<td>2,710 (8' 10&quot;)</td>
</tr>
<tr>
<td>I. Height over ground</td>
<td>2,030 (6' 8&quot;)</td>
<td>2,030 (6' 8&quot;)</td>
<td>2,030 (6' 8&quot;)</td>
</tr>
<tr>
<td>J. Standard clearance</td>
<td>1,200 (4' 0&quot;)</td>
<td>1,200 (4' 0&quot;)</td>
<td>1,200 (4' 0&quot;)</td>
</tr>
<tr>
<td>K. Emergency brake</td>
<td>1,950 (6' 5&quot;)</td>
<td>2,967 (9' 8&quot;)</td>
<td>3,226 (10' 7&quot;)</td>
</tr>
<tr>
<td>L. Drive sensing system</td>
<td>2,380 (7' 10&quot;)</td>
<td>2,380 (7' 10&quot;)</td>
<td>2,380 (7' 10&quot;)</td>
</tr>
<tr>
<td>M. Parking brake</td>
<td>2,240 (7' 4&quot;)</td>
<td>2,240 (7' 4&quot;)</td>
<td>2,240 (7' 4&quot;)</td>
</tr>
</tbody>
</table>

### Transmission
- General purpose bolt-on cutting edge

### Electronic controlled diesel engine
- 102 mm (4.0") x 120 mm (4.7")
- 5.9 (360 cu in)
- 24V, 3.7 kW

### Features
- Center-point frame articulation.
- Load-sensing system.
- Center-point frame articulation.
- Full hydraulic power steering

### Tires
- Type: Tubular, loader design tires

### Fuel tank
- 295 liters (78 US gal)

### Cooling system
- 35 liters (8.2 US gal)

### Crankcase
- 16 liters (4.2 US gal)

### Transmission
- 43 liters (11.4 US gal)

### Front axle
- 29 liters (7.7 US gal)

### Rear axle
- 24 liters (6.3 US gal)

### Hydraulic tank
- 130 liters (34.4 US gal)

### Hydraulic system (including tank)
- 175 liters (46.3 US gal)