

HL950I

WHEEL LOADER

Mining and Quarry Solution



- > Gross Power : 227 HP (169 kw) @2100rpm
- > Operating Weight : 17600KG
- > Payload : 5000KG
- > Emission : CEV-IV Certified
- > BUCKET CAPACITY : 2.7 - 5.0 m³

HL950I

MINING QUARRY S

OPERATOR COMFORT

- Fully Adjustable Suspension Seat
- Spacious Cabin - 360° View
- High Performance - Air Conditioning and Heating
- Sun Visor
- Fan
- Ergonomic Positioned - Switches and Pilot Control
- USB Charger
- Music System
- LED Lights inside cabin
- Ergonomic Hand Rest
- Tilttable Steering Column
- Digital LED Display

SAFETY FEATURES

- ROPS /FOPS Cabin - Standard
- Cabin Front Guard - Standard
- Rear View Camera - Standard
- Battery Cut-off Switch
- Beacon
- Guard for Lamps
- Engine Emergency Cut off Switch
- Articulation Lock
- Steps & hand Rail
- Large External Mirror

ELECTRICAL SYSTEM

- LED working lights
- LED Cabin Lamp
- 5" Digital LCD display
 - a) Work Status
 - b) Error Code Display
 - c) Warning Indicators
- On board Diagnostics (OBD)



DESIGNED FOR SMART WORK

G AND SOLUTION



HIGH PERFORMANCE

- 227 HP BSIV Compliant Electronic Engine
- 100Nm - Higher Torque
- 4 Valve Technology - Efficient Combustion
- 3 Working Mode - L/M/H
- High Fuel Efficiency
- Low Noise
- Z bar linkage with high breakout force
- Faster Cycle time
- Hydraulic operated pilot with Return to dig feature

PROVEN DRIVELINE SYSTEM

- **Transmission**
 - Fixed shaft type , power shift transmission
 - Proven Quality - High Reliability
 - Simple Design - Easy to Service
- **Axle**
 - Dry Type - Standard / Wet Type - Option
 - Highly Durable - Suited for Long working hours
 - ZF make Axle - Option Available

WIDE RANGE OF BUCKETS

- Suitable for various applications as per customer requirements

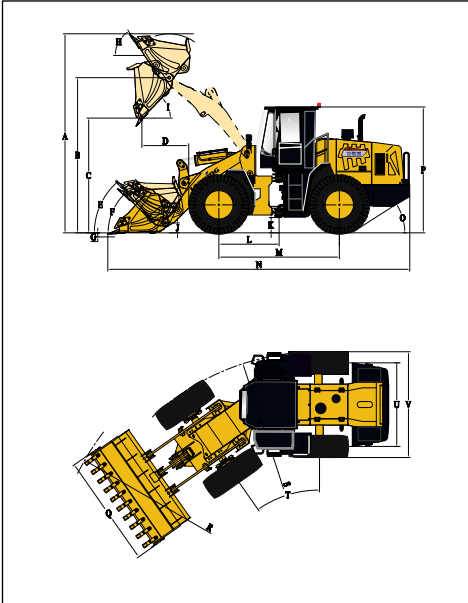
| Standard | Option | | | |
|----------|---------|-----|------|----------------|
| GP | Rock/HD | GP | Coal | Light Material |
| 3.0 | 2.7 | 3.2 | 4.5 | 5.0 |

SIMPLIFIED MAINTENANCE

- Large side doors for easy reach to Maintenance Points
- Display of error codes on instrument cluster - faster resolution of any issues
- 24x7 service and Parts availability through Hyundai authorized Dealership

DIMENSIONS

All dimensions are approximate. Dimensions may vary with bucket and tire choice. Refer to operating specifications.



| NO. | DESCRIPTION | UNIT | STD Dump | High Dump |
|-----|------------------------------------|------|----------|-----------|
| A | Overall Height – Bucket Raised | mm | 5264 | 5545 |
| B | Bucket Pin Height at Max. Lift | mm | 4115 | 4478 |
| C | Dump Clearance at Max. Lift (45°) | mm | 3056 | 3400 |
| D | Reach at Max. Lift and 45° Dump | mm | 1330 | 1254 |
| E | Rack Back Angle at Carry | ° | 45 | 51.1 |
| F | Rack Back Angle at Ground | ° | 41 | 44.8 |
| G | Digging Depth | mm | 50 | 50 |
| H | Rack Back Angle at Max. Lift | ° | 57 | 56 |
| I | Dump Angle at Max. Lift | ° | 43 | 44.5 |
| J | Carry Height | mm | 284 | 204 |
| K | Ground Clearance | mm | 398 | 398 |
| L | Center Line of Front Axle to Hitch | mm | 1650 | 1650 |
| M | Wheel Base | mm | 3300 | 3300 |
| N | Overall Length | mm | 8288 | 8567 |
| O | Departure Angle | ° | 28 | 28 |
| P | Height to Top of Cab | mm | 3400 | 3400 |
| Q | Overall Width over Bucket | mm | 3000 | 3000 |
| R | Min. Turning Radius over Bucket | mm | 7264 | 7374 |
| S | Min. Turning Radius over Tires | mm | 6341 | 6353 |
| T | Steering Angle – Left/Right | ° | 35 | 35 |
| U | Width at Tread Center | mm | 2240 | 2240 |
| V | Overall Width over Tires | mm | 2835 | 2835 |

TECHNICAL PARAMETERS

| | | | |
|---------------------------|--------------------------------|--------------------------------------|----------------------------|
| Basic | Bucket Capacity | 3.0m ³ | |
| | Rated Payload | 5000kg | |
| | Max Operating Weight | 17600 Kg | |
| | Max Traction Force | 178 kN | |
| | Breakout Force | 186 kN | |
| | L×W×H | 8288(8567)×3000×3400mm | |
| Engine | Maker/Model | WEICHAI/WP7G234E501 | |
| | Rated Power | 169kW/2100rpm | |
| | Maximum Torque | 1000N·m/1400-1600rpm | |
| | Bore x Stroke (mm) | 126×130mm | |
| | No. of Cylinders /Displacement | 4/7.47L | |
| | Air Cleaner | Three Stage Air Cleaner | |
| | Alternator | 70Amp | |
| | Battery | 2-24V/120Ah | |
| | Starting Motor | 24V/7.5kW | |
| | DRIVE TRAIN | Transmission Type | Planetary Powershift |
| Shift Type | | Mechanical Powershift Control | |
| Pressure of Transmission | | 1.1-1.5MPa | |
| Torque Converter Type | | Single-stage, Duo-turbine, 4-element | |
| Axles | | Rigid (Front)&Oscillating (Rear) | |
| Rear Axle Oscillation (°) | | ±10' | |
| Differential | | Conventional | |
| Main Reducer | | Spiral Bevel, 1-stage Reduction | |
| Final Reducer | | Planetary Reduction | |
| Tire | | 23.5-25 L-3 16PR TT | |
| Travel Speed-Forward | | 10.2/35 km/h | |
| Travel Speed-Reverse | | 16 km/h | |
| BRAKE SYSTEM | | Service Brake | Gas Push Oil Caliper Brake |
| | | Setting Pressure | 0.70-0.78MPa |
| | Parking Brake | Air Actuated Caliper Brake | |
| | Emergency Brake | Air Actuated Caliper Brake | |
| STEERING SYSTEM | Type | Hydraulic Load Sensing System | |
| | Pump | 220L/min:2200rpm | |
| | System Pressure | 15MPa | |
| | Cylinder Type | Double Acting | |
| HYDRAULIC SYSTEM | Steering Angle | ±35° | |
| | Type | Joystick Control (Single-lever) | |
| | Pump | 220L/min:2200rpm | |
| | Control Valve | 2 Spool | |
| SERVICE REFILL CAPACITY | System Pressure | 18MPa | |
| | Cycle Time (Sec) | 11 | |
| | Fuel Tank (L) | 285L | |
| | Hydraulic Tank (L) | 265L | |
| SERVICE REFILL CAPACITY | Crankshaft (L) | 17L | |
| | Transmission (L) | 48L | |
| | Front Axle/Rear Axle (L) | 28L/28L | |

STANDARD CONFIGURATION

| |
|---|
| WEICHAI BS IV ENGINE |
| Mechanical Power-shift Control |
| Dry-Type Axle |
| Joystick Working Control (Single Lever) |
| Air Actuated Caliper brake |
| ROPS & FOPS Cabin |
| Air Condition and Heating |
| Digital LCD Display |
| Rear View Camera |
| FAN inside Cabin |
| Beacon |
| USB Charger |
| Sun Visor |
| Front Cabin Guard |
| Radio/MP3 Music System |
| Lockable Oil Tank Cap |
| Standard Bucket - 3.0m ³ GP |

OPTIONAL CONFIGURATION

| |
|--|
| High Dump |
| Oil Bath Air Filter |
| Radial & Tubeless Tires |
| 3rd Spool for auxiliary Function |
| Sliding Cabin Window |
| Wet Drive Axle |
| ZF Transmission |
| Rock Bucket - 2.7 m ³ |
| HD Bucket - 2.7 m ³ |
| GP Bucket - 3.2 m ³ |
| Coal Bucket - 4.5 m ³ |
| Light Material Bucket - 5.0 m ³ |
| Bucket - 3 Piece Cutting Edge |
| Log Grapple |
| Grass Grapple |

SERVICE REFILL CAPACITY

| | |
|------------------|---------|
| Engine Oil | 17 Ltr |
| Hydraulic Oil | 165 Ltr |
| Transmission Oil | 48 Ltr |
| Axle Oil | 56 Ltr |
| Brake Oil | 5.4 Ltr |

HD Hyundai Construction Equipment India Pvt. Ltd.

Factory Location

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October 2023