Hydraulic Excavator

Engine
- Model: Cummins QSL9
- Output power: 290/2000 hp/rpm
- 213/2000 kW/rpm

Operating Weight
- 36500kg
- 8144lb

Bucket Capacity
- 1.5m³
- 2.08yd³
HIGH-END CONFIGURATION, EXCELLENT PERFORMANCE

- High pressure common rail electronic fuel injection engine, which meets EPA Tier4F emission regulations, realizes optimum fuel injection control, improves combustion efficiency and fuel efficiency, and is more energy-efficient and environment friendly;

MORE RELIABLE AND DURABLE

- This machine adopts structural parts developed and manufactured by using special process and imported steel with high strength and abrasion resistance in large quantity; the strength and service life of the product are greatly improved so that this machine can be used under various severe working conditions.
- Full-scale heavy load strengthened chassis structure with strengthened structure working device design not only provides strong digging force but also ensures stability of the complete machine.

MORE EFFICIENT

- Efficient and quick hydraulic system is equipped with brand new multichannel control valve with large diameter; control range of the valve core is enlarged, operability is improved, channel pressure loss decreased by 30%, overall operation efficiency of the complete machine is greatly improved;

- Strengthened working device with high pressure system design ensures that the complete machine possesses strongest digging force among machines at the same level and can easily satisfy operation requirements under various working conditions.
- Integrated heavy load rail clamping device has better protective effects and longer service life.
**MORE COMFORTABLE AND SAFER**

- Silicone oil shock absorber with high performance has additional damping spring installed inside, which can effectively isolate shock wave within specific frequency band and improves comfortableness.
- Brand new cab, with fine and exquisite interiors; panoramic sunroof design provides wider view; layout of operation buttons are concentrated; all of these provide all-round upgraded driving experience.
- Anti-rolling cab can have additional roof guard, front guard and lateral guard installed to satisfy requirements of falling objects prevention and to further improve safety of the cab.

- Large color liquid crystal screen can display relevant information of the machine in digital form, has good visual effect and more friendly human-machine interface.
- Large power air conditioner is equipped with multi air ducts three-dimensional air supply system and advanced audio system. All kinds of operations are convenient, comfortable and accessible.

**MORE INTELLIGENT CONTROL**

- Robot intelligent electric control system realizes comprehensive control on engine speed and input power of the hydraulic pump and then realizes dynamic balance of the power system and hydraulic system. Its remote fault diagnosis function can record the operation process at any time;

**CONVENIENT MAINTENANCE**

- Accessible daily maintenance point: maintenance of fuel filter, engine oil filter, pilot filter as well as water tank, can be conducted directly on ground.
- Dual fuel filter element protective fuel system; two stage oil-water separation, high filtering accuracy of particles and high adaptability of oil.
- Layout of lubricating points on working device adopts concentrated form, so that lubricating is much easier.

**OPTIONAL**

- Breaking hammer and quick change device are optional to widen application range of the machine; 3.2M bucket rod is standard-equipped, 2.67M/2.9M short bucket rod / 4M long bucket rod is optional; XE360U standard equipped bucket, 1.6m³ strengthened bucket is standard, and 1.4m³/1.5m³ rock bucket, 1.6m³ standard strengthened bucket and 1.8m³ earthwork bucket are optional.
**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Item</th>
<th>US</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation Weight</td>
<td>81144lb</td>
<td>36800Kg</td>
</tr>
<tr>
<td>Bucket Capacity</td>
<td>2.09yd³</td>
<td>1.6m³</td>
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</tbody>
</table>

**Engine**

- Direct Injection: ✓
- Four Strokes: ✓
- Water Cooling: ✓
- Turbo-charging: ✓
- Air Cooled: ✓
- No. of Cylinders: 6
- Max. Torque/Speed: 1070lb-161400rpm, 1451Nm/1400rpm
- Displacement: 1.96 gal, 8.9L
- Travelling Speed: 3.4/2.0 mph/h, 5.4/3.2 km/h
- Rotary Speed: 9.7 rpm

**Main Performance**

- Ground Pressure: 9.67psi, 66.7kPa
- Bucket Digging Force: 59101bf, 263kN
- Arm Digging Force: 42247bf, 188kN
- The Main Pump: Rated Flow: 2*528gal/min, 2*300L/min
- Main Safety Valve Pressure: 49755366psi, 343.37MPa

**Hydraulic System**

- Pressure of Pilot System: 566psi, 3.89MPa
- Fuel Tank Capacity: 145gal, 660L
- Hydraulic Tank Capacity: 77gal, 350L
- Engine Oil Capacity: 7.5gal, 30L

**Working scope**

- A Max. Digging Height: 161in, 10440mm
- B Max. Dumping Height: 187in, 7287mm
- C Max. Digging Depth: 182in, 7114mm
- D Max. Digging Depth at the Range of Level: 295in, 7493mm
- E Max. Vertical Wall Digging Depth: 267in, 6776mm
- F Max. Digging Reach: 437.5in, 11114mm
- G Min. Swing Radius: 172in, 4369mm

**Apperance size**

- A Total Length: 448.3m, 11388mm
- B Total Width: 133.5m, 3390mm
- C Total Height: 140.5m, 3570mm
- D Upper Width: 126in, 3200mm
- E Length of Crawler: 195m, 5035mm
- F Total Width of Chassis: 133.5m, 3390mm
- G Width of Crawler: 31.5m, 800mm
- H Wheelbase of Crawler: 159m, 4040mm
- I Track Gauge: 102in, 2590mm
- J Ground Clearance of Counterweight: 47in, 1197mm
- K Min. Ground Clearance: 19.7in, 500mm
- L Min. Tilt Swing Radius: 148in, 3700mm
- M Height of Crawler: 43.5in, 1105mm

**Standard configuration**

- Length of Boom: 252in, 6400mm
- Length of Arm: 126in, 3200mm

**Working scope**

**Apperance size**