

922D HD

Excavator

LIUGONG
MADE IN INDIA

TOUGH WORLD. TOUGH EQUIPMENT.

MORE BREAKOUT.
MORE REACH.



Engine	Cummins QSB 6.7 (US Made)
Gross Power	120 KW (161 hp)
Net Power	117 KW (157 hp)
Maximum Digging Depth	5,875 mm
Bucket Capacity	0.73m ³ -1.2m ³
Operating Weight	22,000 kg
Track length	4,456mm (LC) mm



SPECIFICATION >>>



ENGINE

Model	Cummins QSB 7
Type	6-cylinder, 4-stroke, in line, water-cooled, turbocharged, diesel engine.
Gross Power	120 kW(161 hp) @ 2,100 rpm
Net Power	117 kW(157 hp) @ 2,100 rpm
Maximum Torque	658 N·m @1,300 rpm
Bore x Stroke	107 x 124 mm
Displacement	6.7 L

DRIVE AND BRAKES

Driven by a one-piece two-gear piston hydraulic motor and reducer with small volume and strong traction; the motor and hydraulic pipelines are hidden in the track mechanism to prevent damage from rugged road surfaces; parking brake and shock-absorbing valve are installed inside the motor, ensuring stable travelling and parking as well as reliable braking.

Max. Travel Speed	High: 4.9 km / h Low: 2.9 km / h
Gradeability	35°(70%)
Drawbar Pull	195 kN

SWING SYSTEM

The high- torque piston swing motor, with integral spring set, and automatic hydraulic release swing brake, is bolted directly to the swing reduction planetary swing gear box. The swing brake automatically resets for safer operation within five seconds of the swing function lever being brought to neutral. This insures safe travel and parking conditions.

Swing Speed	12 rpm
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HYDRAULIC SYSTEM

Main Pump	Two variable displacement piston pumps
Main Pumps Total Flow	2 × 210 L/min
Relief Pressure, main	33.3 MPa

UNDERCARRIAGE

Center Frame	X-Frame
Track Adjustment	Hydraulic
Number of Carrier Rollers	2 each side
Number of Track Rollers	8 each side
Number of Idler Rollers	1 each side
Number of Shoes	49 each side
Width of Track Shoes	600 mm

ELECTRICAL SYSTEM

System Voltage	24 V
Batteries	2 x 12 V

SERVICE CAPACITIES

Fuel Tank	412 L
Engine Oil	25 L
Final Drive (each)	5.5 L
Swing Drive	3.4 L
Cooling System	30 L
Hydraulic Reservoir	230 L
Hydraulic System Total	330 L

OPERATING WEIGHT (≈)

The operating weight includes 5,680 mm boom, 2,400 mm arm, SAE heaped 1.0 m³ bucket, 600 mm shoes, operator, lubricating oil, cooling liquid, full fuel tank, and standard configuration.

Shoe Ground Pressure	0.0458 MPa
Operating Weight	22,000 kg

