



922D Excavator



Engine	Cummins
Gross Power	112 kW (152 hp) @ 1,950 rpm
Net Power	102 kW (139 hp) @ 1,950 rpm
Maximum Digging Depth	6,615 mm
Standard Bucket Capacity	1 m ³
Operating Weight	22,000 kg

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ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Gross Power	112 kW (152 hp) @ 1,950 rpm
Net Power	102 kW (139 hp) @ 1,950 rpm
Peak Torque	614 N · m @ 1,500 rpm
Number of Cylinders	6
Displacement	5.9 L

TRACK DRIVE

Maximum Travel Speed	4.9 km/h
Gradeability	70 %
Drawbar Pull	195 kN

UNDERCARRIAGE

Shoe Width	600 mm
Number of Shoes per Side	49
Number of Bottom Rollers per Side	8
Number of Upper Rollers per Side	2

HYDRAULIC SYSTEM

Main Pumps Total Flow	420 L/min
Relief Pressure, main	31.8 MPa
Relief Pressure, boost	33.3 MPa
Pilot Pump Flow	19.5 L/min

SWING SYSTEM

Swing Speed	12 rpm
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REFERENCE ARM

Arm Length	2,910 mm
Arm Breakout Force, normal, ISO	95 kN
Arm Breakout Force, boost, ISO	103 kN

WORKING RANGES

Maximum Dig Depth	6,615 mm
Reach at Ground Level	9,705 mm
Depth of 8' Level Bottom	6,410 mm
Maximum Dig Height	9,540 mm
Dump Height	6,770 mm
Maximum Dig Depth of Vertical Wall	5,655 mm

BUCKET PERFORMANCE

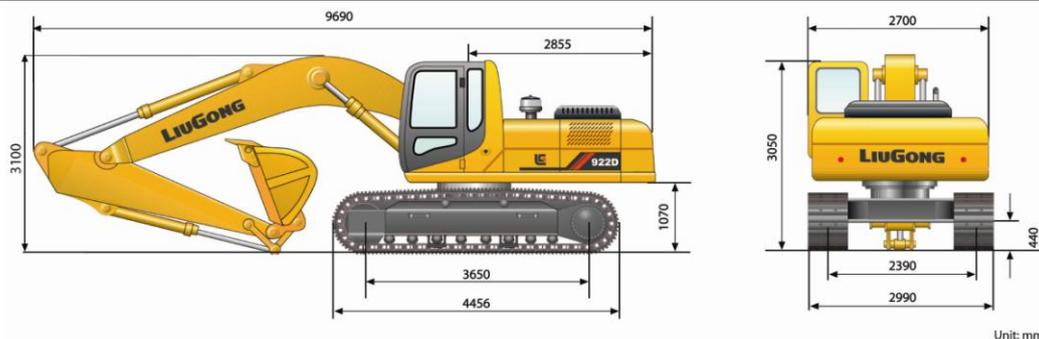
Standard Bucket Heaped Capacity (Referenced)	1 m ³
Minimum Heaped Capacity of Bucket Options	0.73 m ³
Maximum Heaped Capacity of Bucket Options	1.1 m ³
Bucket Breakout Force, normal, ISO	145 kN
Bucket Breakout Force, boost, ISO	159 kN

SERVICE CAPACITIES

Fuel Tank	412 L
Engine Oil	25 L
Cooling System	30 L
Hydraulic Reservoir	230 L
Hydraulic System Total	330 L

Lift Point Height	Bucket: SAE 1.0 m ³ , 950 kg Boom: 5,680 mm Arm: 2,910 mm Shoes: 600 mm Counterweight: 4,300 kg												Max. Reach			
	3 m		4 m		5 m		6 m		7 m		8 m		Front	Side	mm	
	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	
6 m	kg								※3,101	※3,101			※3,180	※3,180	7,500	
5 m	kg						※3,294	※3,294	※3,253	※3,253	※3,288	2,962	※3,288	2,962	8,000	
4 m	kg					※4,107	※4,107	※3,754	※3,754	※3,534	※3,534	※3,422	2,914	※3,414	2,662	8,375
3 m	kg	※8,789	※8,789	※6,234	※6,234	※5,015	※5,015	※4,323	※4,323	※3,897	3,612	※3,638	2,846	※3,563	2,537	8,500
2 m	kg	※11,896	※11,896	※7,835	※7,835	※5,967	※5,967	※4,931	4,488	※4,296	3,490	※3,892	2,772	※3,725	2,418	8,625
1 m	kg	※13,723	12,664	※9,122	8,007	※6,816	5,710	※5,501	4,319	※4,681	3,381	※4,143	2,706	※3,901	2,373	8,625
0	kg	※14,374	12,488	※9,933	7,776	※7,455	5,531	※5,966	4,193	※5,007	3,297	※4,352	2,656	※4,096	2,402	8,500
-1 m	kg	※14,421	12,490	※10,308	7,687	※7,842	5,437	※6,279	4,119	※5,228	3,247	※4,473	2,632	※4,391	2,569	8,125
-2 m	kg	※14,084	12,586	※10,322	7,695	※7,967	5,416	※6,402	4,097	※5,298	3,238			※4,638	2,775	7,750
-3 m	kg	※13,380	12,758	※9,995	7,777	※7,809	5,459	※6,286	4,129	※5,132	3,279			※5,000	3,195	7,125
-4 m	kg			※9,271	7,931	※7,292	5,568	※5,815	4,226					※5,322	3,868	6,375

1. ※ Indicates the load is limited by hydraulic capacity rather than tipping capacity.
2. The above rated loads are in compliance with ISO 10567 hydraulic excavator lift capacity rating standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.



Unit: mm

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.