

Engine	Cummins B5.9
Gross Power	112 kW (150.2 hp) @1,950 rpm
Net Power	102 kW (136.8 hp) @1,950 rpm
Maximum Dig Depth	6,615 mm
Standard Bucket Capacity	1.0m ³
Operating Weight	22,000 kg

922D EXCAVATOR



TOUGH WORLD. TOUGH EQUIPMENT.

922D SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	B5.9
Gross Power	112 kW (150.2 hp) @1,950 rpm
Net Power	102 kW (136.8 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
Drawbar Pull	195 kN

UNDERCARRIAGE

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

HYDRAULIC SYSTEM

Main Pumps Total Flow	2×210 L/min
Relief Pressure, main	31.8 MPa

SWING SYSTEM

Swing Speed	12 rpm
-------------	--------

REFERENCE ARM

Arm Length	2,910 mm
Arm Breakout Force, max, 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)	1.0 m ³
Minimum Heaped Capacity of Bucket Options	0.73 m ³
Maximum Heaped Capacity of Bucket Options	1.0 m ³
Bucket Breakout Force, max, ISO	159 kN

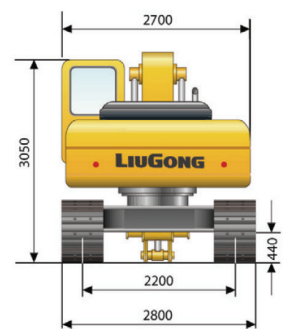
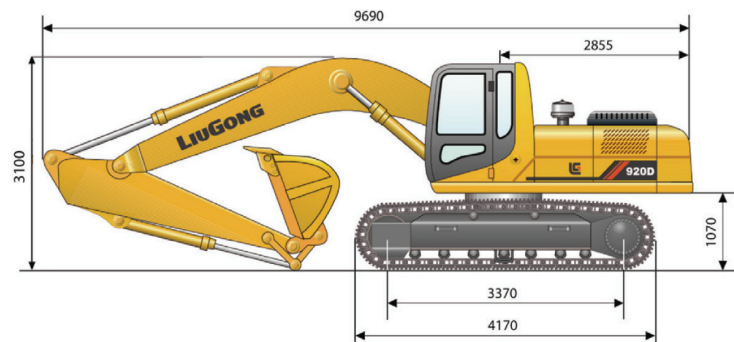
SERVICE CAPACITIES

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

Bucket: SAE1.0 m³, 950 kg, Boom: 5,680 mm, Arm: 2,910 mm, Shoes: 600 mm, Counterweight: 4,300 kg

Lift Point Height													Max. Reach			
	3 m		4 m		5 m		6 m		7 m		8 m		Front	Side	mm	
6 m	kg								※3,101		※3,101		※3,180	※3,180	7,500	
5 m	kg						※3,294		※3,294		※3,253		※3,288	2,962	8,000	
4 m	kg						※4,107		※3,754		※3,754		※3,534	3,612	8,375	
3 m	kg	※8,789	※8,789	※6,234	※6,234	※6,234	※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	※7,835	※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	※9,122	8,007	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	※9,933	7,776	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	※10,308	7,687	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	※10,322	7,695	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	※9,995	7,777	5,459	※6,286	4,129	※5,132	3,279			※5,000	3,195	7,125
-4 m	kg			※9,271	※9,271	7,931	5,568	※5,815	4,226					※5,322	3,868	6,375

- ※ Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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.
- Ratings at bucket lift hook.



Unit: mm

Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
 T: +86 772 3886124 E: overseas@liugong.com
 www.liugong.com

06/2017 Designed by LiuGong

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