



JGM 922L

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Crawler Hydraulic
Excavator

The JGM922L crawler excavator is featured with high professional standards, high reliability, high efficiency, driving comfort, and environmental protection. It is developed by combining our more than 40 years experience and the advantages of counterparts as well as our own characteristics. The product has high performance with the configuration of high-strength structural parts, an advanced intelligent electronic system, excellent ergonomics design, a comfortable driving environment, and a reasonable layout for the whole machine.

Product feature

- Adopt Cummins high-quality turbo-charged engine, which is a fuel-efficient low-emission engine; advanced Kawasaki hydraulic system with excellent performance, reasonable match, and reliable quality.
- The machine can finish all tasks that the driver wants and the highest working efficiency among the same tonnage products in the industry.
- Main structural parts including the boom, arm, bucket and the chassis are built by welding the new, high-strength structural parts together, to increase the strength of the structural and their service life.
- Designed in accordance with ergonomics, adopt silicone oil shock absorber to reduce shock; adopts special section tube to substitute metal plate structure, solid cab structure can protect operator when the machine rolls over.

Configurations

Engine: Cummins	Main pump: Kawasaki
Main valve: Kawasaki	Travel motor: Doosan
Swing motor: Doosan	

Specifications

		unit	JGM922L
Basic parameters	Standard bucket capacity	m ³	1.2
	Operating Weight	t	22.3
	Engine	Firm	CUMMINS
	Engine	Model	6BTAA5.9-C180-II
	Piston displacement	L	5.9
	Max. Drawbar pull	Nm/rpm	750/1300
	Rated power/speed	kW/(r/min)	132/2200
System Operating Pressure	Implement Circuits	MPa	31.4
	Power Boost	MPa	34.3
	Swing Circuits	MPa	27.5
	Travel Circuits	MPa	34.3
	Max. Rated Flow of main pumps	L/min	2X212
Working range parameters	Numbers of track board	per side	49
	Carrier Rollers	per side	2
	Track Rollers	per side	9
	Average Ground Pressure	Kpa	43
	Boom	mm	5700
	Arm	mm	2900
	Max. Digging reach	mm	9873
	Max. Digging Depth	mm	6592
	Max. Vertical digging depth	mm	6050
	Max. Digging height	mm	9616
Max. Dumping height	mm	6830	
Performance parameters of the whole machine	Max. Excavating force (arm/bucket)	kN	105/146
	Swing Speed	r/min	10.7
	Travel Speed (high/low)	km/h	5.9/3.2
	Grading capacity	°/%	35/70
	Max. Traction	kN	185
	Noises at driver location	dB(A)	80
	Transport Length	mm	9600
Overall dimensions	Transport Width	mm	2990
	Transport Height	mm	3005
	Cab Height	mm	3000
	Overall track length	mm	3645
	Track Gauge	mm	2400
	Shoe width	mm	600
	Min. Swing Radius	mm	2794
	Fuel Tank Capacity	L	356