MAIN PARAMETERS

Model		JGM930L	JGM934L	JGM938L
Operating weight(T)	kg	30000	32000	36000
Bucket capacity(m3)	m^3	1.4	1.5	1.8
Digging force(bucket)	kN	199.9	248.2	250.3
Swing speed(r/min)	rpm	10.1	10.1	9.4
Grading capacity	%	35	35	35
Boom(mm)	mm	6245	6245	6245
Arm(mm)	mm	3100	3100	3100
Engine				
Model		DF Cummins 6CTA8.3-C215-II	DF Cummins 6CTAA8.3-C260-II	DF Cummins 6LTAA8.9-C280-II
Rated Power	KW	160	194	209
Rated HP	Hp	215	260	280
Rated Speed	rpm	2200	2000	2200
Displacement		8.3L	8.3L	8.9L
Consumption		Euro 2	Euro 2	Euro 2
Chassis				
Overall track width(mm)	mm	4940	4950	5215
track length	mm	4040	4040	4250
Track gauge(mm)	mm	2600	2600	2600
Traveling speed	km/h	5.8/3.4	5.8/3.4	5.7/3.2
Average ground pressure	kPa	49	49	57
Carrier rollers		18	18	18
Track rollers		4	4	4
Number of track board		96	96	100
Hydraulic systemn				
Main pump brand		Kawasaki	Kawasaki	Kawasaki
Main Control Valve brand		Kawasaki	Kawasaki	Kawasaki
Rated flow of main pump	L/min	2*248	2*279	2*279
Implement circuits pressure	MPa	32.34/34.3	32.34/34.3	32.34/34.3
Fuel tank Capatity（L）	L	452	452	452
Hydraulic tank capacity(L)	L	322	322	322
Dimension				
Total length(mm)	mm	10055	10055	10615
Total width(mm)	mm	3200	3200	3200
Total height(mm)	mm	3697	3697	3697
Cab height(mm)	mm	3000	3065	3170
Min. rail return radius(mm)	mm	3188	3188	3188
Track width(mm)	mm	3200	3200	3200
Shoe width(mm)	mm	600	600	600
Min.swing radius(mm)	mm	4019	4019	4019
Implement dimension				
Max. digging height	mm	9705	9705	10315
Max. dumping height	mm	7024	7024	7303
Max. digging depth	mm	7080	7080	7275
Max. digging distance	mm	10175	10175	10506

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FUJIAN JINGONG MACHINERY CO.,LTD

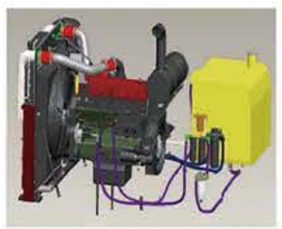
JGM's 30-ton class excavator is a classic model in Jingong machinery's entire excavator product line and is designed for heavy-duty mining conditions. JGM934L excavator has strong power, fuel-saving and high-efficiency characteristics and is widely used in various mines and large-scale municipal projects.

High-efficiency Kawasaki hydraulic system

The overall performance of the hydraulic system is reasonably matched with the output power of the engine, which significantly reduces energy loss.

High reliability Cummins engine

Using the well-proven Cummins engine, it has abundant power and good durability and is suitable for fuel in general areas with high fuel economy. Reduce fuel consumption through advanced control technologies in hydraulic and Cummins engine aspects.



High efficiency working perfomance

The potent power output and Jingong's unique intelligent control system and intelligent power control technology ensure efficient operation and reduce fuel consumption.

●Intelligently senses the working intensity of the equipment in the actual working conditions, automatically adjusts the engine speed and the torque of the main pump, and further reduces fuel consumption while meeting the working efficiency.

●Power mode (H), standard mode (S), and economic mode (L) can be freely selected according to actual working conditions. At the same time, through automatic idle speed and intelligent control of main pump flow and hydraulic system pressure, power loss is reduced, and low fuel consumption is achieved.

Maintainability

Short maintenance operations at long intervals increase the availability of the equipment on site. JinGong has developed the JGM934L with a view to high profitability for the user.
Access to the various radiators is very easy, making cleaning easier. Access to the various parts of the engine is from the top and via side panels.

Hydraulic oil return filter

The protection of the hydraulic system is made more effective by the use of glass fibre filter technology in the main oil return filter. This means that with more than 99,5% of foreign particles filtered out, the oil change interval is increased.

Engine oil filter

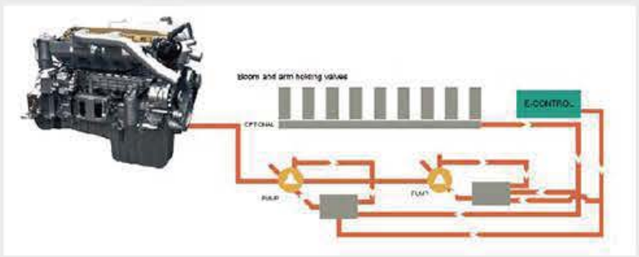
The engine oil filter offers a high level of filtration allowing the oil change interval to be increased to 500 hours. It is easy to access and is positioned to avoid contaminating the surrounding environment.

Air cleaner

The large capacity forced air cleaner removes over 99% of airborne particles, reducing the risk of engine contamination and making the cleaning and cartridge change intervals greater.

Fuel filter

High efficiency fuel filtration is attained by the use of multiple filters, including a fuel pre-filter fitted with a water separator that removes most moisture from the fuel.



Reliability

The reliability of an item of plant contributes to its overall lifetime operating costs. JinGong uses computer-assisted design techniques, highly durable materials and structures then test these under extreme conditions.
Durability of materials and longevity of structures are our first priorities.

Strengthened boom

The shape of the boom has been optimized by finite elements design, allowing the loads to be better distributed throughout the structure. This combined with increased material thickness means improved durability and reliability by limiting element fatigue.

Arm assembly

In the arm assembly greater strength has been gained by using cast elements and reinforcement around the bosses to give it an increased lifetime.

X-chassis

The X-chassis frame section has been designed using finite element and 3-dimensional computer simulation, to ensure greater durability and optimum structural integrity. The swing gear is solid and stable.

D-type frame

The D-type frame and chassis frame add strength and minimize distortion due to shocks.

Bucket

Highly wear-resistant materials are used for the most susceptible elements such as the blades, teeth, rear and lateral reinforcement plates and corners of the bucket.

Luxury cab

Adhering to Jingong's driver-centered design concept, with comfortable operation, wide field of vision and low noise. It has an air-conditioning system that meets the operation's needs and a multi-functional LCD instrument panel to improve the comfort and convenience of the operation.
The main frame and boom are equipped with LED work headlights as standard: significantly improving the driver's night work vision and improving night work efficiency and safety.