

JINZONG



FUJIAN JINGONG MACHINERY CO.,LTD
Backhoe Loader

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Product main specificationsof Backhoe Loader JGM665

1. Special backhoe loader chassis, compact structure and reasonable layout;
2. Equipped with a fully enclosed ROPS cab with a wide field of vision, the whole machine has a beautiful appearance, and the leading design of the all-round humanized control system makes the whole machine operation more reasonable and comfortable;
3. The engine adopts Cummins engine, which is environmentally friendly and powerful, which greatly improves the fuel economy and work efficiency, and greatly reduces the customer's use cost; a variety of domestic and foreign well-known brand engines can be selected.
4. The original imported Italian CARRARO professional backhoe loader transmission system is adopted, and the hydraulic system adopts domestic well-known brands to ensure the stability of product quality, and the performance of the whole machine reaches the international advanced level;
5. Excellent excavation and loading performance brings value-added returns to customers;
6. The original Italian CARRARO drive axle with differential lock and wet brake ensures the traction performance of the whole machine and the safety performance of the whole vehicle; the design of the swing steering axle, the steering angle and the swing angle are large, so that the whole vehicle has better passability ;Service and parking brakes adopt maintenance-free, self-adjusting, fully adjustable wet brakes;
7. Two-wheel and four-wheel drive can meet the needs of customers;
8. The whole machine can be equipped with a variety of attachment according to customer needs.

The Main Performance Parameter of Backhoe Loader JGM665

ITEM	JGM665	Bucket Dumping Height	2742mm
Operating Weight	8200KG	Bucket Dumping Distance	925mm
Transport Dimensions (L×W×H)(mm)	5920×2250×3770	Digging Depth	52mm
Wheel base	2200mm	Backhoe Capacity	0.3m ³
Min. Ground Clearance	300mm	Max. Digging Depth	4082mm/4500mm
Bucket Capacity	1.0m ³	Swing Angle of Excavator Grab	190°
Breakout Force	38KN	Max. Traction	39KN
Loading Lifting Capacity	2500KG		

● Engine

Model	CUMMINS 4BTA3.9—C100	Rated Speed	2200r/min
Type	In Line Direct injection Four-Stroke and Injection Combustion Chamber	Min. Fuel Consumption	≤216g/km.h
		Max.Torque	≥410N.M/1800r/min
Cylinder-Inside Diameter*Stroke	4-102*120	Displacement	3.9L
Rated Power	74KW		

● Transmission System

Torque Converter	
Model	TLB1-4WD
Type	Single-stage Three Elements
Max. Efficiency	84.4%
Inlet Pressure	0.5Mpa
Outlet Pressure	1.1Mpa—1.3 Mpa
Cooling Method	Oil-cooling Pressure Circulation
Gearbox	
Type	Fixed Shaft Power Transmission
Oil Pressure of Clutch	1373Kpa—1569 Kpa
Gears	four Gears Ahead, four Gears Astern
Max. speed	38Km/h
Tyre	
Model	14-17.5/19.5L-24
Pressure of Front wheel	0.55 Mpa
Pressure of Back Wheel	0.23 Mpa
Brake system	
Service Brak	wet-type, internal type, self-regulation, self-balance.
Emergency Brake	spring brake, terminating brake through hydraumatic

Steering System	
Model of Steering Device	BZZ5-250
Steering Angle	±33°
Min. turning radius	6950mm
Pressure of the system	12Mpa
Axle	
Manufacturer	Carraro
Rated dynamic/static Load of front axle	9t/22.5t
Rated dynamic/static Load of front axle	7.5t/18.75t
Hydraulic System	
Digging Power of Excavator Grab	46.5KN
Digging Power of Dipper	31KN
Bucket Lifting Time	6.8S
Bucket Lowering Time	3.1S
Bucket Discharge Time	2.0S
Note:The parameters are subject to change without notice.	

Product main specificationsof Backhoe Loader JGM665E

1. Special backhoe loader chassis, compact structure and reasonable layout;
2. Equipped with a fully enclosed cab with a wide field of vision, the whole machine has a beautiful appearance, and the leading design of the all-round humanized control system makes the whole machine operation more reasonable and comfortable;
3. The engine adopts Yuchai engine, which is environmentally friendly and powerful, which greatly improves the fuel economy and work efficiency, and greatly reduces the customer's use cost;a variety of domestic and foreign well-known brand engines can be selected.
4. The original SEM professional backhoe loader transmission system is adopted, and the hydraulic system adopts domestic well-known brands to ensure the stability of product quality, and the performance of the whole machine reaches the international advanced level;
5. 5.Excellent excavation and loading performance brings value-added returns to customers;
6. The original SEM drive axle ensures the traction performance of the whole machine and the safety performance of the whole vehicle; the design of the swing steering axle, the steering angle and the swing angle are large, so that the whole vehicle has better passability ;Service and parking brakes adopt air over oil caliper brake, external type, elf-regulation, and self-balances;
7. Two-wheel and four-wheel drive can meet the needs of customers;
8. The whole machine can be equipped with a variety of attachment according to customer needs.

The Main Performance Parameter of Backhoe Loader JGM665E

ITEM	JGM665E	Bucket Dumping Height	2742mm
Operating Weight	8200KG	Bucket Dumping Distance	925mm
Transport Dimension (L×W×H)(mm)	5920×2250×3770	Digging Depth	52mm
Wheel base	2200mm	Backhoe Capacity	0.3 m ³
Min. Ground Clearance	300mm	Max. Digging Depth	4082/4500mm
Bucket Capacity	1.0m ³	Swing Angle of Excavator Grab	190°
Breakout Force	38KN	Max. Pulling Force	39KN
Loading Lifting Capacity	2500KG		

● Engine

Model	YC4A105Z-T20	Rated Speed	2200r/min
Type	In Line Direct injection Four-Stroke and Injection Combustion Chamber	Min. Fuel Consumption	≤242g/km.h
		Max.Torque	≥410N.M
Cylinder-Inside Diameter*Stroke	4-102×120	Displacement	4.4L
Rated Power	75KW		

● Steering System

Model of Steering Device	BZZ5-250
Steering Angle	±36 o
Min. turning radius	6581mm
Pressure of the system	12Mpa
Axle	
Manufacturer	Feicheng Axle Factory
Main Transmission Type	Double Reduction
Final Reducer	Single Stage Final Reducer
Rated Loader of Axle	8/18.5t
Transmission System	
Torque Converter	
Model	YJ280
Type	Single-stage Three Elements
Max. Efficiency	84.4%
Inlet Pressure	0. 5Mpa
Outlet Pressure	1.1Mpa—1.3 Mpa
Cooling Method	Oil-cooling Pressure Circulation
Gearbox	
Type	Fixed Shaft Power Transmission
Oil Pressure of Clutch	1373Kpa—1569 Kpa
Gears	Two Gears Ahead, Two Gears Astern
Max.Speed	28Km/h

Tyre	
Model	14-17.5/19.5L-24
Pressure of Front wheel	0.55Mpa
Pressure of Back Wheel	0.223Mpa
Brake System	
Service Brake	Air Over Oil Caliper Brake, External Type, elf-regulation, Self-balance
Emergency Brake	Operation Power Implementing brake,Manual Operation Power Terminating Brake.
Hydraulic System	
Digging Power of Excavator Grab	46.5KN
Digging Power of Dipper	31KN
Bucket Lifting Time	6. 8S
Bucket Lowering Time	3.1S
Bucket Discharge Time	2.0S
Note:The parameters are subject to change without notice.	