



Overall Data			
Bucket Capacity (m³)		0.55	
Rated Payload (kg)		1200	
Operating Weight (kg)		4200	
Traction Force (kN)		31	
Breakout Force (kN) Max. Travel Speeds (km /h):		36	
	I	II	
Forward	8.3	20.8	
Reverse	7.7	19.0	
Engine		Changchai 490B	
Rated Power (kW/rpm)		38/2400	
Rated Torque (Nm/rpm) Starting Voltage (V)		173/1800 24	
Drive Train			

Steering System	
Type	Hydraulic Load Sensor System
Cylinders-Bore × Stroke (mm)	2-63 × 280
Steering Pump	Shared With Working Pump
System Pressure (MPa)	14
Steering Angle	±35°
Hydraulic System	
Lift Cylinders-Bore × Stroke (mm)	2-80 × 610
Tilt Cylinder-Bore × Stroke(mm)	1-100 × 450
Working Pump	Gear Pump
Flow Rate (L/min/RPM)	120/2400
System Pressure (MPa)	16
Hydraulic Cycle Time, Rated Load in Bucket (In	

Shanghai Longji Construction Machinery Co., Ltd.

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		Second):			
Torque Converter	Single-stage, Single-turbine, 3-element		Raise(Loaded)	Dump	Lower(Empty)
Torque Ratio	3.7		4.5	1.2	2.2
Transmission	Fixed Shaft Hydraulic Shift Spur Gear		<b>Electrical System</b>		
Gear	2F/2R		System Voltage (V)		24
Pressure of Transmission (MPa)		1.2-1.5	Battery(2 in series) (Ah)		180
Main Reducer	Spiral Bevel Gear Single-stage Reduction		Lamp Voltage (V)		24
Final Reducer	Planetary Reduction		<b>Service Refill Capacity</b>		
Tire	11.00-16		Fuel Tank (L)		80
<b>Brake System</b>			Hydraulic Tank (L)		80
Service Brake	Air Drive, Four Wheel Brake (Dry)		Transmission (L)		16
Setting Pressure (MPa) Parking & Emergency Brake	0.78 Flexible Shaft Controlled Caliper		Front Axle (L) / Rear Axle (L)		8/8
Qingzhou Transmission	Light-duty Grapple (ZZ)				
Feicheng Axle Standard Bucket					

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