



Overall Data		Steering System	
Bucket Capacity (m ³)	1.7	Type	Hydraulic Load Sensor System
Rated Payload(kg)	3000	Cylinders-Bore×Stroke(mm)	2-80×315
Operating Weight(kg)	10300±300	Steering Pump	Gear Pump
Traction Force(kN)	97±3	System Pressure(MPa)	14
Breakout	100±3	Flow Rate(L/min/rpm)	88/2200

Shanghai Longji Construction Machinery Co., Ltd.

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Website: www.shlongji.com Wheel Loader,Road Roller,Dump Truck

Force(kN)							
Travel speeds (km/h):				Steering Angle		±35°	
	I	II	III	Hydraulic System			
Forward	6.5	12	32	Lift Cylinders-Bore×Stroke(mm)		2-125×784	
Reverse	6.8	12.5	33.5	Tilt Cylinder-Bore×Stroke(mm)		1-140×553	
Engine		WP6G125E22		Model of Working Pump		Gear Pump	
Rated Power(kW/rpm)		92/2200		Flow Rate(L/min/rpm)		176/2200	
Peak Torque(Nm/rpm)		500/1400-1600		System Pressure(MPa)		16	
Starting Voltage(V)		24					
Drive Train				Hydraulic Cycle Time, Rated Load In Bucket(In Second):			
Torque Converter		Single-stage, Single-turbine, 3-elements		Raise(Loaded)	Dump	Lower(Empty	Total
Torque Ratio		3.5		5.5	1.3	3.7	10.5
Transmission		Countershaft power shift Transmission		Electrical System			
Gear		3F/3R		System Voltage(V)		24	
Pressure of Transmission(MPa)		1.2-1.5		Battery (2 in series)(Ah)		105	
Main Reducer		Spiral bevel, 1-stage Reduction		Lamp Voltage(V)		24	
Final Reducer		Planetary Reduction		Service Refill Capacity			
Tire		17.5-25 L-3 12PR		Fuel Tank(L)		200	
Brake System				Hydraulic Tank(L)		200	

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Service Brake	Single Circuit Caliper, Air Brake		Crankshaft(L)	17
Setting Pressure (MPa)	0.78		Transmission(L)	36
Parking & Emergency Brake	Flexible Shaft Controlled Caliper		Front Axle(L) /Rear Axle(L)	13/13
			Air Conditioning System	
			Heating Capacity(W)	5800(±10%)
			Cooling Capacity(W)	4500(±10%)

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