



Overall Data				Steering System	
Bucket Capacity (m³)		2.8		Type	Hydraulic Load Sensor System
Rated Payload(kg)		5000		Cylinders-Bore× Stroke(mm)	2-100×324
Operating Weight(kg)		17200		Steering Pump	Gear Pump
Traction Force(kN)		155		System Pressure(M Pa)	15
Breakout Force(kN)		≥170		Flow Rate(L/min/rpm)	176/2200
Max.Dumping Height (mm)		3181			
Travel speeds (km/h):				Steering Angle	±35°
	I	II		Hydraulic System	
Forward	11.5	36		Lift Cylinders-Bore× Stroke(mm)	2-180×721
Reverse	16			Tilt Cylinder-Bore× Stroke(mm)	1-200×563
Engine		WEICHAIRD10G240E24		Model of Working Pump	Gear Pump
Rated Power(k w/rpm)		175/2200		Flow Rate(L/min/rpm)	220/2200

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Rated Torque (Nm/rpm) Starting Voltage (V)	920/1400-1600 24	System Pressure(MPa)	16
		Pilot Control System Pressure (MPa)	2.5
Drive Train		Hydraulic Cycle Time, Rated Load in Bucket(in Second):	
Torque Converter	Single-stage, Duo-turbine, 4-elements	Raise(Loaded)	Dump Lower(Empty) Total
Torque Ratio	4	6	1 4 11
Transmission	Planetary Power shift Transmission	Electrical System	
Gear	2F/1R	System Voltage(V)	24
Pressure of Transmission(M Pa)	1.2-1.5	Battery (2 in series)(Ah)	120
Main Reducer	Spiral Bevel, 1-stage Reduction	Lamp Voltage(V)	24
Final Reducer	Planetary Reduction	Service Refill Capacity	
Tire	23.5-25 L-3 16PR	Fuel Tank(L)	285
Brake System		Hydraulic Tank(L)	285
Service Brake	Duo Circuit Caliper, Dry Brake	Crankshaft(L)	20
Setting Pressure (MPa)	0.78	Transmission(L)	45
Parking Brake	Air Actuated Caliper Brake	Front Axle(L) /Rear Axle(L)	23/23
Emergency Brake	Air Actuated Caliper Brake	Air Conditioning System	
		Heating Capacity(W)	5300(±10%)
		Cooling Capacity(W)	4500(±10%)

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