



Overall Data				Steering System	
Bucket Capacity (m³)		3.0		Type	Hydraulic Load Sensor System
Rated Payload(kg)		5000		Cylinders-Bore× Stroke(mm)	2-100×324
Operating Weight(kg)		16600		Steering Pump	Gear Pump
Traction Force(kN)		155±3		System Pressure(M Pa)	15
Breakout Force(kN)		≥170		Flow Rate(L/min/rpm)	176/2200
Max.Dumping		3103			
Height (mm)					
Travel speeds (km/h):				Steering Angle	±35°
	I	II		Hydraulic System	
Forward	11.5	38		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)		175/1900		Flow Rate(L/min/rpm)	220/2200
Rated Torque		920/1400-1600 24		System Pressure(MPa)	16

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Wheel Loader,Road Roller,Dump Truck

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

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