



Overall Data				Steering System	
Bucket Capacity (m³)		2.8		Type	Hydraulic Load Sensing
Rated Payload(kg)		5000		Cylinders-Bore× Stroke(mm)	2-100×324
Operating Weight(kg)		17700		Steering Pump	Gear Pump
Traction Force(kN)		155±3		System Pressure(MPa)	16
Breakout Force(kN)		≥170		Flow rate(L/m in/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		WEICHAI WD10G220E21		Model of Implement Pump	Gear Pump
Rated Power(kw/rpm)		162/2200		Flow rate(L/min/rpm)	220/2200

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Peak Torque(Nm/rpm)	850/1400-1600	System Pressure(MPa)	16
Starting Voltage(V)	24	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(MPa)	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)	2-120
Tire	23.5-25 L-3 16PR	Lamp Voltage(V)	24
Brake System		Service Refill Capacity	
Service Brake	Single 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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