



Overall Data				Steering System	
Bucket Capacity (m³)		3		Type	Hydraulic Load Sensor System
Rated Payload(kg)		5000		Cylinders-bore×Stroke(mm)	2-100×324
Operating Weight(kg))		16600±300		Steering Pump	Gear Pump
Traction Force(kN)		155±3		System Pressure(MPa)	16
Breakout Force(kN)		170±3		Flow Rate(L/min/rpm)	176/2200
Travel speeds (km/h):				Steering Angle	±35°
	I	II		Hydraulic System	
Forward	11.5	36		Lift Cylinders-bore× Stroke(mm)	2-180×721

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Reverse	16			Tilt Cylinder-bore× Stroke(mm)	1-200×563	
Engine		WEICHAI WD10G220E21			Model of Working Pump	Gear Pump
Rated Power(kW/rpm)		162/2200			Flow Rate(L/min/rpm)	220/2200
Peak Torque(Nm/rpm)		850/1400-1600			System Pressure(M Pa)	16
Starting Voltage (V)		24			Pilot Control System Pressure(MPa)	2.5
Drive Train						
Torque Converter	Single-stage, Duo-turbine, 4-element					
Torque Ratio	4					
Transmission	Planetary Power shift Transmission					
Gear	2F/1R					
Pressure of Transmission(MPa)		1.2-1.5				
Main Reducer	Spiral Bevel, 1-stage Reduction					
Final Reducer	Planetary Reduction					
Tire	23.5-25 L-3 16PR					
Brake System						
Service Brake	Single Circuit Caliper ,Dry Brake					
Setting Pressure (M Pa)		0.78				

Hydraulic cycle time, rated load in bucket(in second):			
Raise(Loaded)	Dump	Lower(Empty)	Total
6	1	4	11
Electrical System			
System Voltage(V)		24	
Battery (2 in series)(Ah)		120	
Lamp Voltage(V)		24	
Service Refill Capacity			
Fuel Tank(L)		285	
Hydraulic Tank(L)		285	
Crankshaft(L)		20	
Transmission(L)		45	

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Parking Brake	Air Actuated Caliper Brake		Front Axle(L) /Rear Axle(L)	23/23
Emergency Brake	Air Actuated Caliper Brake			

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