



Overall Data				Steering System		
Bucket Capacity (m³)		2.3		Type	Hydraulic Load Sensor System	
Rated Payload(kg)		4000		Cylinders-Bore×Stroke(mm)		2-90×340
Operating Weight(kg)		13000±300		Steering Pump		Gear Pump
Traction Force(kN)		120±3		System Pressure(MPa)		16
Max.Dumping Height (mm)		2900				
Breakout Force(kN)		127±3		Flow Rate(L/min/ rpm)		138/2200
Travel speeds (km/h):				Steering Angle ±35°		±35°
	I	II		Hydraulic System		
Forward	11.5	36		Lift Cylinders-Bore×Stroke(mm)		2-125×769
Reverse	16			Tilt Cylinder-Bore×Stroke(mm)		1-160×495
Engine		Deutz TD226B-6IG1		Model of Working Pump		Gear Pump
Rated Power(kw/rpm)		129/2200		Flow Rate(L/min//rpm)		110/2200
Peak		680/1400-1600		System Pressure(MPa)		16

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Torque(Nm/rpm)			
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 Lower(Empty) Total
Torque Ratio	4	6	1.2 4.3 11.5
Transmission	Planetary Powershift Transmission	Electrical System	
Gear	2F/1R	System Voltage(V)	24
Pressure of Transmission(MPa)	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	Refill Capacity	
Tire	20.5-25 L-3 16PR	Fuel Tank(L)	240
Brake System		Hydraulic Tank(L)	240
Service Brake	Single Circuit Caliper, Air Brake	Crankshaft(L)	17
Setting Pressure (MPa)	0.78	Transmission(L)	45
Parking Brake	Flexible Shaft Controlled Caliper	Front Axle(L) /Rear Axle(L)	23/23
		Air Conditioning System	
		Heating Capacity(W)	5800(±10%)
		Cooling Capacity(W)	4500(±10%)

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