



Overall Data				Steering System	
Bucket Capacity (m <sup>3</sup> )		3.5		Type	Hydraulic Load Sensor System
Rated Payload (kg)		6000		Cylinders-BorexStroke (mm)	2-100X324
Operating Weight (kg)		20400		Steering Pump	Gear Pump
Traction Force (kN)		179		System Pressure (MPa)	16
Max.Dumping Height (mm)		3400		Flow Rate(L/min/rpm)	176/2200 ±35°
Breakout Force (kN) Travel		200		Steering Angle	
Speeds (km /h):				Hydraulic System	
Forward	I 9.8	II 32		Lift Cylinders-BorexStroke (mm)	2-180X864
Reverse	13			Tilt Cylinder-BorexStroke(mm)	1-220X626
<b>Engine</b>		<b>WEICHAI WD10G240E21</b>		Model of Working Pump	Gear Pump
Rated Power (kW/rpm)		175/2200		Flow Rate (L/min/RPM)	275/2200
Rated Torque (Nm/rpm)		920/1400-1600 24		System Pressure (MPa) Pilot	16 2.5
Starting Voltage (V)				Conteol System	

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		Pressure(MPa)	
<b>Drive Train</b>		Hydraulic Cycle Time, Rated Load in Bucket (In Second):	
Torque Converter	Single-stage, Single-turbine, 3-element	Raise(Loaded)	Dump
Torque Ratio	2.56	6.3	1.2
Transmission	Fixed Shaft Hydraulic Shift Spur Gear	Lower(Empty)	Total
		4.3	11.8
<b>Electrical System</b>			
Gear	4F/4R	System Voltage (V)	24
Pressure of Transmission (MPa)	1.7-1.9	Battery(2 in series) (Ah)	120
Main Reducer	Spiral Bevel Gear Single-stage Reduction	Lamp Voltage (V)	24
Final Reducer	Planetary Reduction	<b>Service Refill Capacity</b>	
Tire	23.5-25 L-3 20PR	Fuel Tank (L)	285
<b>Brake System</b>		Hydraulic Tank (L)	285
Service Brake	Air Drive, Four Wheel Brake (Dry)	Crankshaft(L)	20
Setting Pressure (MPa)		Transmission (L) Front	
Parking Brake Emergency	0.78 Air Drive Brake Air Drive Brake	Axle (L) / Rear Axle (L)	45 28/28
Brake		<b>Air Conditioning System (Optional)</b>	
		Heating Capacity (W)	5800 (±10%) 4500
		Cooling Capacity (W)	(±10%)

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