



Overall Data					Steering System				
Bucket Capacity (m³)		4.5			Type			articulated	
Rated Payload (kg)		8000			Cylinders-BorexStroke (mm)			2-100X324	
Operating Weight (kg)		300000			Steering Pump			Gear Pump	
Traction Force (kN)		200			System Pressure (MPa)			20	
Breakout Force (kN) Travel Speeds (km /h):		260 24.5-35			Flow Rate(L/min/rpm) Steering Angle			176/2200 ±35°	
					Hydraulic System				
4 Forward					Lift Cylinders-BorexStroke (mm)			2-180X864	
3 Reverse					Tilt Cylinder-BorexStroke(mm)			1-220X626	
Engine		Cummins			Model of Working Pump			Gear Pump	
Rated Power (kW/rpm)		235/2100			Flow Rate (L/min/RPM)			275/2200	
Rated Torque (Nm/rpm) Starting Voltage (V)		920/1400-1600 24			System Pressure (MPa) Pilot Control System Pressure(MPa)			20.7 2.5	
Drive Train					Hydraulic Cycle Time, Rated Load in Bucket (In Second):				
Torque Converter		single-stage, three-element			Raise(Loaded)		Dump	Lower(Empty)	Total
Torque Ratio		2.56			6.9		1.6	3.3	11.8

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Transmission	countershaft power shift	<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	29.5 - 25	Fuel Tank (L)	445
<b>Brake System</b>		Hydraulic Tank (L)	285
Service Brake Type	wet multi disc	Crankshaft(L)	20
Service Brake Actuation	hydraulic	Transmission (L) Front Axle (L) / Rear Axle (L)	70 65/65
		<b>Air Conditioning System (Optional)</b>	
		Heating Capacity (W) Cooling Capacity (W)	5800 (±10%)
			4500 (±10%)

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