

SEM921 Motor Grader



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SEM921 Motor Grader

Features

- Powerful engine conforming to Stage II emission regulations
- Cooling system meets -40 °C to +50 °C ambient conditions
- Advanced power shift (6F/3R) transmission
- Reliable and durable three-section axle with limited slip differential
- Comfortable cab located on front frame provides great visibility and easy operation
- World class variable piston pump divides flow efficiently for lower power consumption
- Proportional, pressure compensating hydraulics provide smooth operation with increased efficiency
- Electro-Hydraulic control center-shift pin and blade linkage provide world class blade reach and fast positioning
- Optimized blade curvature and throat clearance for increased productivity
- Unique front axle design provides optimum wheel lean and machine mobility
- Wide range of attachments to meet customer-specific job requirements



Primary Specifications

- Base Weight
 - Front 4,744 kg
 - Rear 11,186 kg
 - Total 15,930 kg
- Performance Weight
(Includes Ripper and Front Blade) 17,760 kg
- Blade Length 4279 mm
- Max. Drawbar ≥85 kN

Engine

- Rated Power 162 kW/217 hp
- Model SDEC SC9D220G2
- Displacement 8.82 L
- Peak Torque 920 kN

Blade Range

- Max.Lift above Ground 475 mm
- Max.Depth of Cut 715 mm
- Max.Blade Tip-Forward 40 °
- Max.Blade Tip-Rear 5 °

Tires

- Size 17.5-25

Hydraulic System

- System Pressure Setting 22 MPa
- System Features Load Sensing

Steering

- Front Axle Steering Angle Left/Right 47.5 °
- Min.Turning Radius ≤ 7.8 m

Trandem

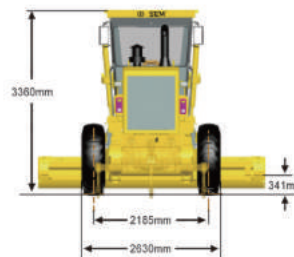
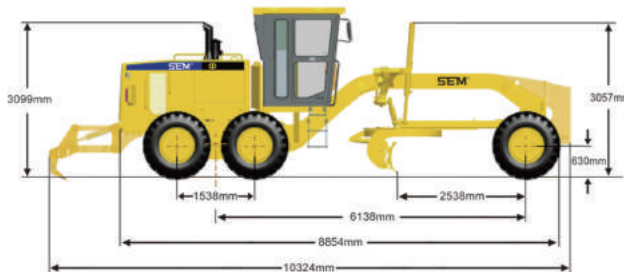
- Brand Meritor
- Oscillation (Front up) 15 °
- Oscillation (Rear up) 25 °

Brake System

- Service Brake Air-to-Oil Control Drum-Type
- Paking Brake Spring Applied & Air Released Drum-type

Transmission

- Model Hangchi 6WG 180
- Type Countershaft, Powershift
- Highest Speed 39 km/hr



DEALER NAME

Manufacturer: Caterpillar (Qingzhou) Ltd. Address: No.12999 Nanhuan Road, Qingzhou, Shandong Province, China Zip Code: 262500 Website: www.semmachinery.com

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