

## Main Specifications

### Operating Weight-High Profile ROPS

Standard / kg	12,520
With Ripper+Front Counterweight / kg	13,700
With Front Blade / kg	13,650
With Ripper+Front Blade / kg	14,330

### Operating Specifications

Top Speed, Forward / kph	40
Top Speed, Reverse / kph	29
Min. Turning Radius / mm	7,300
Articulation Angle, Left /Right	20°
Gradeability	30°
Wheelbase / mm	5,830
Travel Speed, Forward / kph	5.2/8.1/13/19.8/29/40
Travel Speed, Reverse / kph	5.2/13/29
Drawbar Pull / kN	71

### Engine

Engine Manufacturer	SDEC (ShangHai Diesel)
Engine Model	SC7H150G2B
Rated Power / kW @ RPM	110 @ 2,200
Max. Torque / kN @ RPM	570 @ 1,400
Emission	Tier 2
Displacement / L	6.5
Bore / mm	105
Stroke / mm	124
Number of Cylinders	6

### Transmission

Brand / Manufacturer	Advance / HangChi
Type	Converter, Powershift
Powershift Pressure / MPa	1.3~1.7
Forward / Reverse Gears	6 Forward / 3 Reverse
Parking Brake	Spring Actuated, Air Released

### Tandem Axle

Brand / Manufacturer	SEM / Caterpillar
Model	ST18
Differential	No-Spin
Service Brake	Caliper-Disc
Secondary	Dual Circuit
Oscillation Front Up	15°
Oscillation Front Down	25°

### Front Axle

Ground Clearance / mm	615
Wheel Lean, Left / Right	±18°
Max. Oscillation	±16°
Steering Range, Left / Right	±45°

### Hydraulic System

Circuit Type	Load Sensing, PPPC
Pump Type	Variable Piston
Max. Pump Output / L / min	162.8
Max. System Pressure / MPa	22
Standby Pressure / MPa	2.0~2.2

### Moldboard

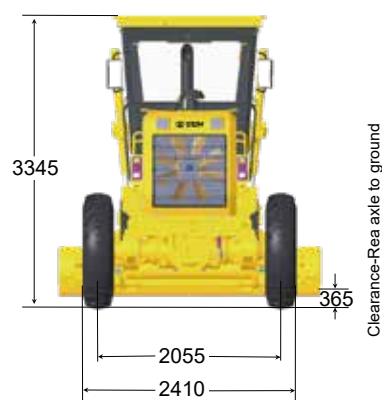
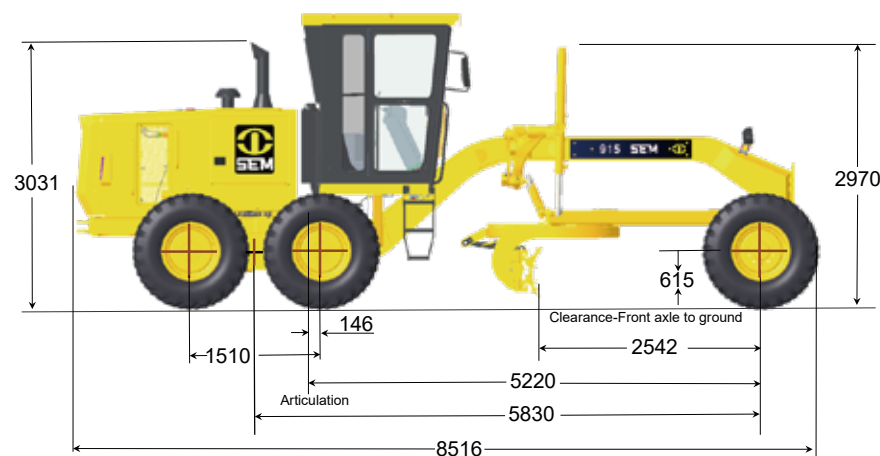
Blade Width, Standard / mm (inch)	3,059 (10')
Blade Width, Optional / mm (inch)	3,669 (12')
Moldboard Height / mm	580 (10' Blade) / 610 (12' Blade)
Moldboard Thickness / mm	20
Throat Clearance / mm	112
Float Function	Optional
Moldboard Sideshift, LH / mm	342
Moldboard Sideshift, RH / mm	463
Circle Centershift, LH / mm	512
Circle Centershift, RH / mm	663
Max. Blade Position Angle	90°
Blade Tip, Forward	40°
Blade Tip, Backward	5°
Blade Cutting Angle	24-69°
Max. Shoulder Reach outside of Tires, LH / mm	1,179
Max. Shoulder Reach outside of Tires, RH / mm	1,583
Max. Lift above Ground / mm	435
Max. Cutting Depth / mm	750

### Service Refill Capacity

Fuel Tank / L	218
Engine Oil / L	17.5
Coolant / L	37
Transmission / L	17
Differential Case/ L	27
Tandem Case, Each Side / L	50
Circle Drive, Non Slip Clutch / L	2
Circle Drive, With Slip Clutch / L	7
Hydraulic Oil Tank / L	55

### Main Optional Equipments

Front Blade / Front Blade Ready	Elec-Hydraulic Pin Puller
Rear Ripper / Rear Ripper Ready	Hydraulic Blade Tip
Mid Mounted Scarifier(MMS) / MMS Ready	Circle Drive with Slip Clutch
Front Counterweight, 1000kg	Circle Saver
Rear Counterweight, 600kg	Rear Fender
Blade Float	Cold Start



# SEM915 Motor Grader



Featured machine in photo may include optional equipments.

## SEM915

### Product Advantages

- High Performance: Load sensing variable piston pump and specially designed PPPC valves provide superior implement control and better machine performance.
- High Reliability: Specially designed SEM tandem axle, flanged large box section front frame, A-shape drawbar frame with box section, are designed to handle heavy duty applications providing excellent reliability and durability.
- Easy Operation: Specially designed operating levers matching specially designed hydraulic system give operators outstanding "feel" .

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© Materials and specifications are subject to change without notice. Featured machines in photos may include optional equipment. See your SEM dealer for available options.  
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Website

<http://www.semmachinery.com>



A Caterpillar Brand