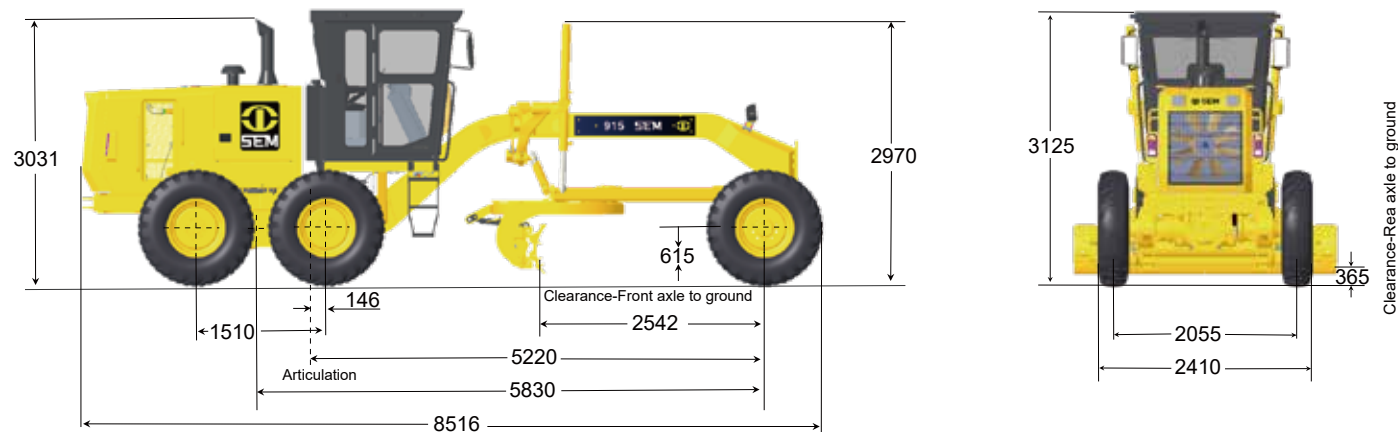


Main Specifications

| Operating Weight | | Hydraulic System | |
|--------------------------------------|-------------------------------|-----------------------------------------------|-----------------------------------|
| Standard / kg | 12,200 | Circuit Type | Load Sensing, PPPC |
| With Ripper+Front Counterweight / kg | 13,380 | Pump Type | Variable Piston |
| With Front Blade / kg | 13,330 | Max. Pump Output / L / min | 162.8 |
| With Ripper+Front Blade / kg | 14,010 | Max. System Pressure / MPa | 22 |
| Standby Pressure / MPa | | Standby Pressure / MPa | 2.0-2.2 |
| Operating Specifications | | Moldboard | |
| Top Speed, Forward / kph | 40 | Blade Width, Standard / mm (inch) | 3,059 (10') |
| Top Speed, Reverse / kph | 29 | Blade Width, Optional / mm (inch) | 3,669 (12') |
| Min. Turning Radius / mm | 7,300 | Moldboard Height / mm | 580 (10' Blade) / 610 (12' Blade) |
| Articulation Angle, Left /Right | 20° | Moldboard Thickness / mm | 20 |
| Gradeability | 30° | Throat Clearance / mm | 112 |
| Wheelbase / mm | 5,830 | Float Function | Optional |
| Travel Speed, Forward / kph | 5.2/8.1/13/19.8/29/40 | Moldboard Sideshift, LH / mm | 342 |
| Travel Speed, Reverse / kph | 5.2/13/29 | Moldboard Sideshift, RH / mm | 463 |
| Drawbar Pull / kN | 71 | Circle Centershift, LH / mm | 512 |
| Circle Centershift, RH / mm | | Circle Centershift, RH / mm | 663 |
| Engine | | Max. Blade Position Angle | 90° |
| Engine Manufacturer | SDEC (ShangHai Diesel) | Blade Tip, Forward | 40° |
| Engine Model | SC7H150G2B | Blade Tip, Backward | 5° |
| Rated Power / kW @ RPM | 110 @ 2,200 | Blade Cutting Angle | 24-69° |
| Max. Torque / kN @ RPM | 570 @ 1,400 | Max. Shoulder Reach outside of Tires, LH / mm | 1,179 |
| Emission | Tier 2 | Max. Shoulder Reach outside of Tires, RH / mm | 1,583 |
| Displacement / L | 6.5 | Max. Lift above Ground / mm | 435 |
| Bore / mm | 105 | Max. Cutting Depth / mm | 750 |
| Stroke / mm | 124 | Service Refill Capacity | |
| Number of Cylinders | 6 | Fuel Tank / L | 218 |
| Transmission | | Engine Oil / L | 17.5 |
| Brand / Manufacturer | Advance / HangChi | Coolant / L | 37 |
| Type | Converter, Powershift | Transmission / L | 17 |
| Powershift Pressure / MPa | 1.3-1.7 | Differential Case/ L | 27 |
| Forward / Reverse Gears | 6 Forward / 3 Reverse | Tandem Case, Each Side / L | 50 |
| Parking Brake | Spring Actuated, Air Released | Circle Drive, Non Slip Clutch / L | 2 |
| Circle Drive, With Slip Clutch / L | | Circle Drive, With Slip Clutch / L | 7 |
| Tandem Axle | | Hydraulic Oil Tank / L | 55 |
| Brand / Manufacturer | SEM / Caterpillar | Main Optional Equipments | |
| Model | ST18 | High Profile ROPS Cab | Blade Float |
| Differential | No-Spin | Front Blade / Front Blade Ready | Elec-Hydraulic Pin Puller |
| Service Brake | Caliper-Disc | Rear Ripper / Rear Ripper Ready | Hydraulic Blade Tip |
| Secondary | Dual Circuit | Mid Mounted Scarifier(MMS) / MMS Ready | Circle Drive with Slip Clutch |
| Oscillation Front Up | 15° | Front Counterweight, 1000kg | Circle Saver |
| Oscillation Front Down | 25° | Front Counterweight, 500kg | Rear Fender |
| Front Axle | | Rear Counterweight, 400kg | Cold Start |
| Ground Clearance / mm | 615 | | |
| Wheel Lean, Left / Right | ±18° | | |
| Max. Oscillation | ±16° | | |
| Steering Range, Left / Right | ±45° | | |



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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