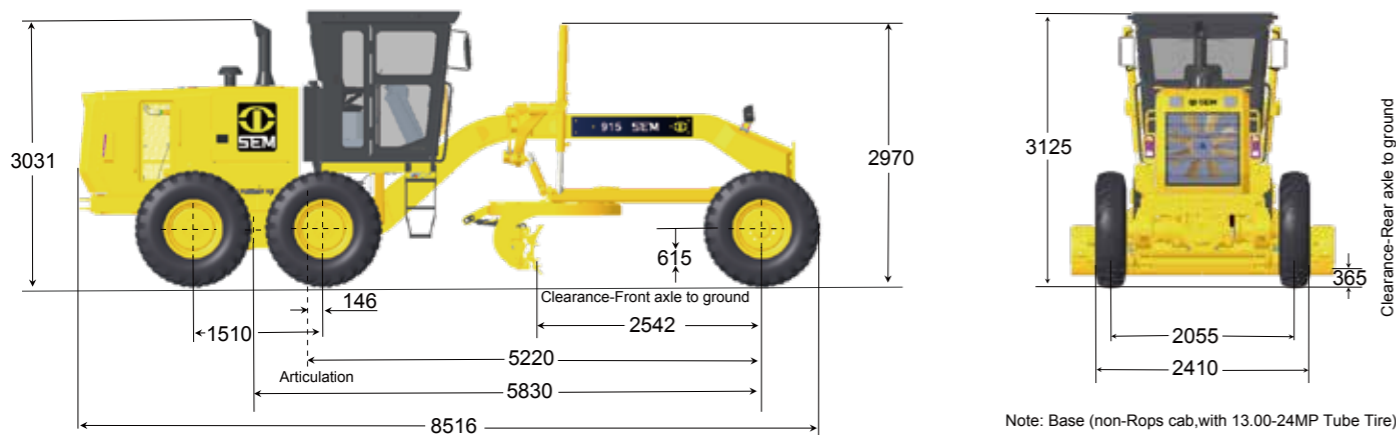


## Main Specifications

| Operating Weight                     |                               | Hydraulic System                              |                               |
|--------------------------------------|-------------------------------|---|-------------------------------|
| Standard / kg                        | 12,500                        | Circuit Type                                  | Load Sensing, PPPC            |
| With Ripper+Front Counterweight / kg | 14,180                        | Pump Type                                     | Variable Piston               |
| With Front Blade / kg                | 13,630                        | Max. Pump Output / L / min                    | 162.8                         |
| With Ripper and Front Blade / kg     | 14,310                        | Max. System Pressure / MPa                    | 22                            |
| Added Weight by ROPS Cab / kg        | 320                           | Standby Pressure / MPa                        | 2.0~2.2                       |
| Operating Specifications             |                               | Moldboard                                     |                               |
| Top Speed, Forward / kph             | 40                            | Blade Width, Standard / mm (Ft)               | 3,669 (12')                   |
| Top Speed, Reverse / kph             | 29                            | Blade Width, Optional / mm (Ft)               | 3,059 (10')                   |
| Min. Turning Radius / mm             | 7,300                         | Moldboard Height / mm                         | 580                           |
| Articulation Angle, Left /Right      | 20°                           | Moldboard Thickness / mm                      | 20                            |
| Gradeability                         | 30°                           | Throat Clearance / mm                         | 112                           |
| Wheelbase / mm                       | 5,830                         | Float Function                                | OPT                           |
| 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                    | 72                            | Circle Centershift, LH / mm                   | 512                           |
| Engine                               |                               | Circle Centershift, RH / mm                   | 663                           |
| Engine Manufacturer                  | SDEC(ShangHai Diesel)         | Max. Blade Position Angle                     | 90°                           |
| Engine Model                         | SC7H150G4A                    | Blade Tip, Forward                            | 40°                           |
| Rated Power / kW @ RPM               | 110 @ 2200                    | Blade Tip, Backward                           | 5°                            |
| Max. Torque / Nm @ RPM               | 660 @ 1400                    | Blade Cutting Angle                           | 24~69°                        |
| Emission                             | CEV Stage IV                  | Max. Shoulder Reach outside of Tires, LH / mm | 1,179                         |
| Displacement / L                     | 6.5                           | Max. Shoulder Reach outside of Tires, RH / mm | 1,583                         |
| Bore /mm                             | 105                           | Max. Lift above Ground / mm                   | 435                           |
| Stroke /mm                           | 124                           | Max. Cutting Depth / mm                       | 750                           |
| Number of Cylinders                  | 6                             | Service Refill Capacity                       |                               |
| Transmission                         |                               | Fuel Tank / L                                 | 200                           |
| Brand / Manufacturer                 | Advance / HangChi             | Engine Oil / L                                | 17.5                          |
| Model                                | 6YD13                         | 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                             |
| Tandem Axle                          |                               | Circle Drive, With Slip Clutch / L            | 7                             |
| Brand / Manufacturer                 | SEM/Caterpillar               | Hydraulic Oil Tank / L                        | 55                            |
| Model                                | ST18                          | Urea tank /L                                  | 19                            |
| Differential                         | No-Spin                       | Main Optional Equipments                      |                               |
| Service Brake                        | Air over oil, Disc            | Mid Mounted Scarifier(MMS) / MMS Ready        | Circle Drive with Slip Clutch |
| Secondary                            | Dual circuit                  | Ripper/Ripper ready                           | Circle Saver                  |
| Oscillation Front Up                 | 15°                           | Front blade/Front blade ready                 | Fender                        |
| Oscillation Front Down               | 25°                           | High Profile ROPS Cab                         | 13.0-24 Bias Tubeless Tire    |
| Tires Size                           | 13.00-24-12PR, Tube           | Front Counterweight, 500kg                    | 14.0-24 Bias Tubeless Tire    |
| Front Axle                           |                               | Rear Counterweight, 400kg                     | Elec-Hydraulic Pin Puller     |
| Ground Clearance / mm                | 615                           | Blade Float                                   | Hydraulic Blade Tip           |
| Wheel Lean, Left / Right             | ± 18°                         |   |                               |
| Max. Oscillation                     | ± 16°                         |   |                               |
| Steering Range, Left / Right         | ± 45°                         |   |                               |



# SEM915 CEV Stage IV Motor Grader



Featured machine in photo may include optional equipments.

## SEM915 CEV Stage IV

### 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"
- **Low Operation Cost:** Maintenance free tandem axle for reduced maintenance cost and engine ECO mode reduces the fuel consumption.

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