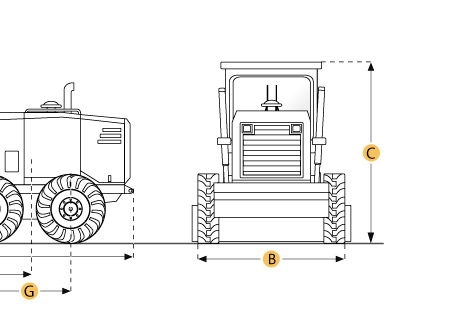
**CASE 885 Motor Grader**



**Selected Dimensions**

|  |  |  |
| --- | --- | --- |
| Dimensions | | |
| A. Overall Length | 28 ft in | 8534 mm |
| B. Width Over Tires | 8.7 ft in | 2650 mm |
| C. Height to Top of Cab | 10.9 ft in | 3340 mm |
| D. Wheelbase | 20.4 ft in | 6219 mm |
| E. Rear Ground Clearance | 1.3 ft in | 380 mm |
| F. Front Ground Clearance | 2 ft in | 622 mm |
| G. Tandem Axle Wheelbase | 5.3 ft in | 1602 mm |
| H. Blade Base | 8.4 ft in | 2562 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Cummins | |
| Model | QSB 6.7, Tier III certified electronic control | |
| Power Measured @ | 2200 rpm | |
| Torque Measured @ | 1500 rpm | |
| Net Power Gears 7-8 | 205 hp | 152.9 kw |
| Number of Cylinders | 6 | |
| Max Power | 205 hp | 152.9 kw |
| Net Torque Gears 7-8 | 650 lb ft | 881 Nm |
| Displacement | 411 cu in | 6.7 L |
| Aspiration | Turbocharged and Aftercooled | |
| Operational | | |
| Std Operation Weight - Front Axle | 11227 lb | 5103 kg |
| Std Operation Weight - Rear Axle | 26723 lb | 12147 kg |
| Std Operation Weight - Total | 37950 lb | 17250 kg |
| Fuel Capacity | 90 gal | 340.7 L |
| Oil System Fluid Capacity | 4.7 gal | 17.8 L |
| Cooling System Fluid Capacity | 10.5 gal | 40 L |
| Hydrauilc System Fluid Capacity | 50.2 gal | 190 L |
| Transmission Fluid Capacity | 5 gal | 23 L |
| Rear Diff/Final Drive Fluid Capacity | 3.2 gal | 12 L |
| Circle Gearbox Fluid Capacity | 0.74 gal | 2.8 L |
| Tandem Case Fluid Capacity (each) | 6 gal | 22.7 L |
| Tire Size | 14.0 x 24 12PR TL G2 Firestone | |
| Operating Voltage | 24 V | |
| Alternator Supplied Amperage | 80 amps | |
| Transmission | | |
| Type | Power Shift | |
| Number of Gears - Forward | 8 | |
| Number of Gears - Reverse | 4 | |
| Max Speed - Forward | 26.7 mph | 43 km/h |
| Max Speed - Reverse | 19 mph | 30.6 km/h |
| Steering | | |
| Articulation L/R | 25 degrees | |
| Turning Radius | 23914 ft in | 7289 m |
| Front Axle | | |
| Wheel Lean | 17.5 degrees | |
| Oscillation - Total | 38 degrees | |
| Ground Clearance | 2 ft in | 622 mm |
| Hydraulic System | | |
| Pump Type | Piston | |
| Pump Flow | 37.9 gal/min | 143.5 L/min |
| Relief Valve Pressure | 6092 psi | 42002.8 kPa |
| Moldboard | | |
| Moldboard Width | 14 ft in | 4267 mm |
| Moldboard Height | 23.6 in | 600 mm |
| Moldboard Thickness | 0.88 in | 22.2 mm |
| Max Depth of Cut | 28 in | 711 mm |
| Side Shift Left | 21 in | 533 mm |
| Side Shift Right | 27 in | 686 mm |
| Circle | | |
| Diameter | 69 in | 1752 mm |
| Rotation | 360 degrees | |
| Max Lift Above Ground | 17.4 in | 442.5 mm |
| Dimensions | | |
| Height to Top of Cab | 10.9 ft in | 3340 mm |
| Overall Length | 28 ft in | 8534 mm |
| Width Over Tires | 8.7 ft in | 2650 mm |
| Wheelbase | 20.4 ft in | 6219 mm |
| Blade Base | 8.4 ft in | 2562 mm |
| Tandem Axle Wheelbase | 5.3 ft in | 1602 mm |
| Rear Ground Clearance | 1.3 ft in | 380 mm |
| Front Ground Clearance | 2 ft in | 622 mm |