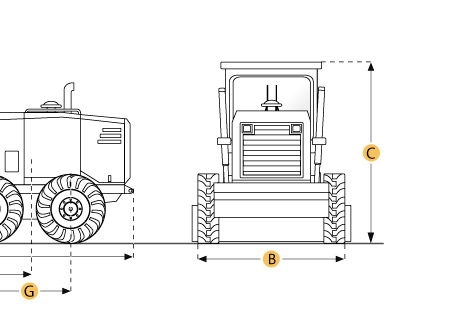
**New Holland RG200.B Motor Grader**



**Selected Dimensions**

|  |  |  |
| --- | --- | --- |
| Dimensions | | |
| A. Overall Length | 28.1 ft in | 8555 mm |
| B. Width Over Tires | 8.4 ft in | 2560 mm |
| C. Height to Top of Cab | 10.3 ft in | 3140 mm |
| D. Wheelbase | 20.4 ft in | 6219 mm |
| E. Rear Ground Clearance | 1.2 ft in | 378 mm |
| F. Front Ground Clearance | 2 ft in | 610 mm |
| G. Tandem Axle Wheelbase | 5.3 ft in | 1601 mm |
| H. Blade Base | 8.4 ft in | 2562 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Cummins | |
| Model | 6CT 8.3 | |
| Net Power Gears 7-8 | 200 hp | 149.1 kw |
| Max Power | 200 hp | 149.1 kw |
| Net Torque Gears 7-8 | 640 lb ft | 867.7 Nm |
| Displacement | 506.5 cu in | 8.3 L |
| Aspiration | Turbocharged | |
| Operational | | |
| Std Operation Weight - Front Axle | 11225.9 lb | 5092 kg |
| Std Operation Weight - Rear Axle | 26724.4 lb | 12122 kg |
| Std Operation Weight - Total | 37950.4 lb | 17214 kg |
| Max Operation Weight - Front Axle | 4612.1 lb | 2092 kg |
| Max Operation Weight - Rear Axle | 26724.4 lb | 12122 kg |
| Max Operation Weight - Total | 37950.4 lb | 17214 kg |
| Fuel Capacity | 90.1 gal | 341 L |
| Cooling System Fluid Capacity | 10.6 gal | 40 L |
| Hydrauilc System Fluid Capacity | 47.6 gal | 180 L |
| Transmission Fluid Capacity | 7.5 gal | 28.5 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 | fireston 14x24 10 ply | |
| Operating Voltage | 24 V | |
| Alternator Supplied Amperage | 100 amps | |
| Transmission | | |
| Type | direct drive 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 | 19 degrees | |
| Ground Clearance | 2 ft in | 622 mm |
| Hydraulic System | | |
| Pump Type | variable displacement piston | |
| Pump Flow | 49 gal/min | 185.5 L/min |
| Relief Valve Pressure | 2800 psi | 19305.3 kPa |
| Moldboard | | |
| Moldboard Width | 12 ft in | 3658 mm |
| Moldboard Height | 24.5 in | 622 mm |
| Moldboard Thickness | 0.87 in | 22 mm |
| Max Depth of Cut | 28 in | 711 mm |
| Blade Down Pressure | 23955 lb | 10865.8 kg |
| Circle | | |
| Diameter | 69 in | 1753 mm |
| Rotation | 360 degrees | |
| Shift Left | 21 in | 533 mm |
| Shift Right | 27 in | 686 mm |
| Max Reach Outside Tires - Left | 77.9 in | 1978 mm |
| Max Reach Outside Tires - Right | 85.6 in | 2174 mm |
| Max Lift Above Ground | 17.5 in | 445 mm |
| Blade Tip Angle - Front | 42 degrees | |
| Blade Tip Angle - Rear | 90 degrees | |
| Dimensions | | |
| Height to Top of Cab | 10.3 ft in | 3140 mm |
| Overall Length | 28.1 ft in | 8555 mm |
| Width Over Tires | 8.4 ft in | 2560 mm |
| Wheelbase | 20.4 ft in | 6219 mm |
| Blade Base | 8.4 ft in | 2562 mm |
| Tandem Axle Wheelbase | 5.3 ft in | 1601 mm |
| Rear Ground Clearance | 1.2 ft in | 378 mm |
| Front Ground Clearance | 2 ft in | 610 mm |