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Located just 20 minutes west of Kamloops, BC

Caterpillar 14M Motor Grader

[Inventory ID #196879]

Manufacturer: CATERPILLAR

- Engine:
  - Make Caterpillar.
  - Model C11 ACERT VHP.
  - Net Power Gear 1-2 259 hp/193 kw.
  - Net Power Gear 3-4 274 hp/204 kw.
  - Power Measured @: 1800 rpm.
  - Net Power Gear 5-6: 274 hp/204 kw.
  - Number of Cylinders: 6.
  - Net Power Gears 7-8: 274 hp/204.3 kw.
  - Max Power: 274 hp/204.3 kw.
  - Displacement: 677 cu in/11.1 L.
- Operational:
  - Front Axle Std Operation Weight: 12611 lb/5720 kg.
  - Rear Axle Std Operation Weight: 34522 lb/15659 kg.
  - Total Std Operation Weight: 47133 lb/21379 kg.
  - Front Axle Max Operation Weight: 21912 lb/9939 kg.
  - Rear Axle Max Operation Weight: 44086 lb/19997 kg.
  - Total Max Operation Weight: 65998 lb 29936 kg.
  - Fuel Capacity: 130 gal/492 L.
  - Cooling System Fluid Capacity: 12.3 gal/46.5 L.
  - Hydrauilc System Fluid Capacity: 15.9 gal/60 L.
  - Transmission Fluid Capacity: 23.5 gal/89 L.
  - Circle Gearbox Fluid Capacity: 1.6 gal/6 L.
  - Tandem Case Fluid Capacity (each): 25.5 gal/96.5 L.
- Transmission:
  - Type: direct drive, power shift, countershaft.
  - Number of Forward Gears: 8.
  - Number of Reverse Gears: 6.
  - Max Forward Speed: 31 mph/49.8 km/h.
  - Max Reverse Speed: 24.5 mph/39.4 km/h.

- Steering:
  - Articulation L/R: 20 degrees.
  - Turning Radius: 25.9 ft in/7.9 m.
- Front Axle:
  - Wheel Lean: 17.1 degrees.
  - Oscillation: Total 32 degrees.
- Hydraulic System:
  - Pump Type: variable displacement.
  - Pump Flow: 74 gal/min;280 L/min.
  - Relief Valve Pressure: 3500 psi/24150 kPa.
- Moldboard:
  - Moldboard Width: 14 ft in/4267 mm.
  - Moldboard Height: 27 in/688 mm.
  - Moldboard Thickness: 1 in/25 mm.
  - Max Depth of Cut: 17.3 in/438 mm.
  - Left Side Shift: 29.1 in/740 mm.
  - Right Side Shift: 31.1 in/790 mm.
  - Blade Pull at Max Weight: 39678 lb/17997 kg.
  - Blade Down Pressure: 38666.9 lb/17539 kg.
- Circle:
  - Diameter: 71.8 in/1822 mm.
  - Shift Left: 25.5 in/650 mm.
  - Shift Right: 20.5 in/520 mm.
  - Max Reach Outside Tires: Left 85.4 in/2169 mm.
  - Max Reach Outside Tires: Right 89.7 in/2279 mm.
  - Max Lift Above Ground: 16.5 in/419 mm.
  - Front Blade Tip Angle: 40 degrees.
  - Reart Blade Tip Angle: 5 degrees.
- Dimensions:
  - Height to Top of Cab: 11.6 ft in/3535 mm.
  - Overall Length: 30.9 ft in/9412 mm.
  - Width Over Tires: 9.2 ft in/2791 mm.
  - Wheelbase: 21.5 ft in/6559 mm.
  - Blade Base: 9.3 ft in/2842 mm.
  - Tandem Axle Wheelbase: 5.4 ft in/1656 mm.
  - Rear Ground Clearance: 1.3 ft in/383 mm.
- 7 shank ripper blade.
- 4 shanks fitted.
- Full ROPS cab.
- Hours: 9700.

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