

# MG622 MOTOR GRADER

- 12 ft. Moldboard with over 6 tons of Blade Down Pressure
- 133 HP Turbo-Charged and Aftercooled Diesel Engine
- Tandem Hydrostatic Drive with Electronic Traction Control
- Front Wheel Assist - Optional
- Factory Installed Machine Control System - Optional
- Enclosed Cab with Air Conditioning and Heat - Optional
- Moldboard Power Raise/Lower, Angle, Sideshift, Tilt, Circle Shift, Float and Bank Slope Positions

*\*Machine shown may include optional equipment.*



**MAULDIN**

# MG622 MOTOR GRADER

<b>WEIGHTS</b>			
Operating	22,840 lbs		
Front Axle	6,695 lbs		
Rear Axle	16,145 lbs		
<b>MOLDBOARD</b>			
Length x Height	12' x 22"		
Ground Clearance	14.1"		
Ground Penetration	23.6"		
Hydraulic Side Shift	26.75" R and 31.25" L		
Reach Outside Tires	71.5" R and 77.25" L		
Hydraulic Tilt	Infinitely Variable 0° to 32°		
Circle Diameter and Rotation	54", Gear Driven, 360° Rotation		
Bank/Slope Positions	Two Position, 90° Capability		
<b>SCARIFIER</b>			
Scarifier Width	46" Front Mounted		
Scarifier Shanks	5		
Scarifier Penetration/Lift	9" / 22"		
<b>STEERING</b>			
Turning Radius Inside Wheels	10'3"		
Turning Radius Outside Wheels	20'6"		
Front Wheel Lean	20° L or R		
Wheel Steering Angle	45° L or R		
Center Articulation Angle	24° L or R		
Center Articulation Location	Behind Cab		
<b>OPTIONAL EQUIPMENT</b>			
Enclosed Cab, A/C, Heat, Blade Automation, Front Backfill Blade, Front Wheel Assist			
<b>TRANSMISSION</b>			
Type	Tandem Hydrostatic Pump, Tandem Drive, Limited Slip Drive System with Electronic Traction Control System,		
Brakes	Power Steering, Planetary Reduction Drive, Inching Pedal Dynamic Hydrostatic w/ Spring App. Hydraulic Release Parking		
<b>ENGINE</b>			
Manufacturer	Deutz - Turbocharged & Aftercooled		
Fuel Type	Diesel		
HP (SAE/1394)	133		
Type and Cooling	4 Cylinder, Water		
Electrical System	12 volt with Heavy Duty Alternator		
<b>TIRES AND WHEELS</b>			
Tires	(6) 15.5 x 25 L2 8 Ply		
Wheels	(6) 9 lug 25 x 15		
Axle and Bogey Oscillation	30°		
Ground Speed	0-22 MPH		
<b>CAPACITIES AND DIMENSIONS</b>			
Fuel	40 gallons with Fuel Filter/Water Separator		
Hydraulic	25 gallons with 100 Micron Suction Screen & 10 Micron Filter		
Overall Length w/ Scarifier	328.5"		
Width Over Standard Tires	99.75"		
Transport Width (12' Blade)	99.75"		
Overall Height	116"		
Wheel Base	208"		
Blade Base	93"		
Tandem Wheel Base	57"		

*Calder Brothers Corporation reserves the right to make changes in engineering, design and specifications; add improvements; or discontinue manufacture at any time without notice or obligation.*

**Sold & Serviced by:**



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