MTZ Equipment Ltd.

MOTOR GRADER

MTG160

Operating Weight
16,000 kg



MTZ Motor Grader is a powerful and versatile construction machine designed for road construction, maintenance, land leveling, and surface finishing. With an operating weight of 16,000 kg, it delivers excellent stability, reliable performance, and efficient grading operations across various working conditions. Equipped with a heavy-duty grading blade, a robust frame, and an advanced hydraulic operating system, The machine provides precise blade control and smooth operation. Its durable construction and operator-friendly cabin make it suitable for demanding construction projects, highway development, earthmoving, and infrastructure works.

Working Performance:
The motor grader is designed to deliver powerful, efficient, and precise performance for a wide range of construction and road maintenance applications. Its heavy-duty structure, advanced hydraulic system, and centrally mounted grading blade ensure accurate leveling, smooth surface finishing, and effective material distribution. The machine provides excellent maneuverability and operational stability, making it suitable for demanding working environments. Its powerful working system allows operators to perform grading operations efficiently while maintaining consistent results and high productivity.

Working Features
- Efficient road leveling and surface finishing
- Precise blade lifting, lowering, and tilting
- Smooth material spreading and redistribution
- Excellent maneuverability and turning performance
- Stable operation on uneven terrain
- Heavy-duty performance for continuous operation
- Suitable for large-scale construction projects

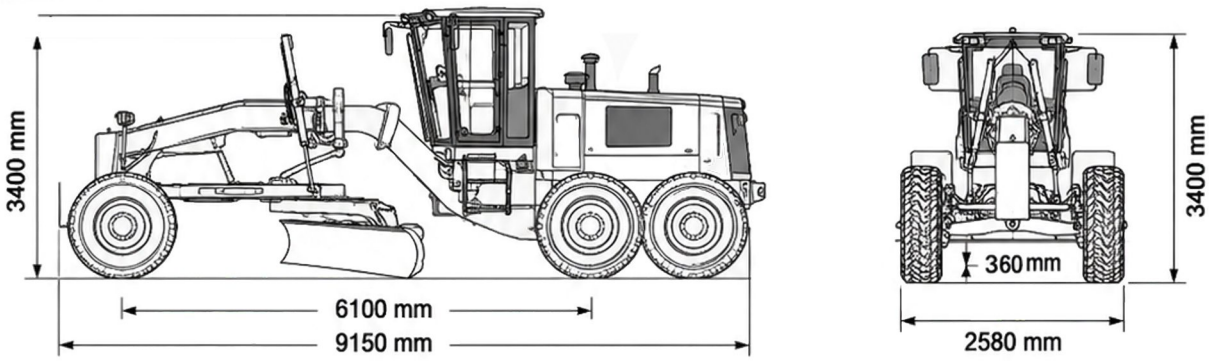


Main Applications
- Highway and road construction
- Road maintenance and repair
- Land leveling and site preparation
- Gravel road grading
- Earthmoving and material spreading
- Construction site development

MTZ Equipment Ltd.
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Printed in Canada

DIMENSIONAL DRAWING



Technical Specification Data Sheet

1. GENERAL	
Model	MTG160
Operating Weight	16,000 kg
Travel Speed	30 km/hr.

2. DIMENSIONS	
Overall Length	9,150 mm
Overall Height	3,400 mm
Overall Width	2,580 mm
Wheel Base	6,100 mm
Turning Radius	7,280 mm
Ground Clearance	360 mm

3. CUTTING BLADE	
Blade Length	4,250 mm
Blade Height	545 mm
Max. Lift Above Ground	500 mm

4. SCARIFIER	
Number of Teeth	5
Working Width	4,268 mm
Scarifying Depth	535 mm

5. AXLES & TYRES	
Axles	Front: 1 / Rear: 2
Tyres	Front: 2 / Rear: 4
Tyre Size	17.5R-25

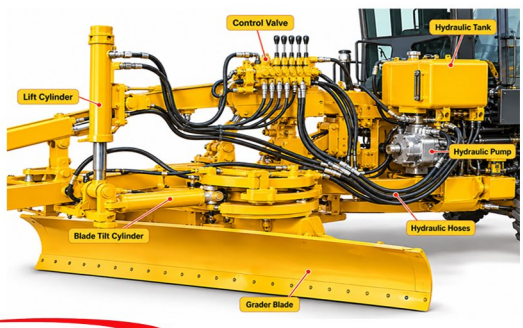
6. ENGINE	
Brand	Cummins
Model	QSM290
Origin	Made in USA
Type	6-cylinder, 4-cycle, turbocharged, water-cooled, direct fuel injection diesel engine
Emission Standard	Tier III
Engine Power	216 kW (290 HP) @ 2,100 rpm
Displacement	10,800 cc (10.8 L)
Max. Torque	1478-1898 N.m

7. DRIVE TRAIN & CONTROLS	
Transmission	Power shift transmission
Steering	Fully hydraulic power frame articulation
Brake System	Fully hydraulic
Electrical System	24 V (12 V x 2)

8. HYDRAULIC SYSTEM	
Pump Type	Piston pump
Flow	220 L/min

9. REFILL CAPACITIES	
Fuel Tank	350 L
Engine Oil	39 L
Hydraulic Oil	82 L





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