

MERIGRADER
MGR-360 / 420 / 480

A Lift-arm mounted compact grader. Designed for efficient year-round road maintenance.



MERIROAD

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STANDARD EQUIPMENT

- Base grader with floating side grading blades
- Shock valves for grading blade cylinders
- Working height of side grading blades 0,7m
- Middle support skid hydraulic, with bolt-mounted wear plate
- Wear plates on both sides of grading blades
- Attention lights on side blades

OPTIONAL EQUIPMENT

- Front ripper blade with conical carbide cutters
2,2m recommended width for 360/420/480
(56 cutters) either mechanical or hydraulic
(turnable)
- Frame tilting cylinder (longitudinal tilting of the frame)
- Frame tilt (lateral tilting)
- Support wheels tires 2x 400/60-15.5
- Additional hydraulics & Joystick control.
6-spool hydraulic valve, operated with a separate joystick. All hydraulic functions are controlled through the valve. The valve can be operated with the tractor's LS-hydraulics or independently.
- Side scraper plates (on the side grading blades)

Tractor requirements:

Mounting	CAT 2 / CAT 3
Auxiliary hydraulic	Base grader 3 pcs. Double acting Additional hydraulic 1 pcs continuous pressure 1pcs free return to tank. LS-line possibility

Working speed

3 - 25 km/h

Technical information:

Front ripper blade (250)kg	Conical carbide cutters Mechanical height and angle adjustment for summer & winter position
Side grading blades	Net type wear plates on both sides both blades independently controlled with cylinders
Frame lateral tilting (tilt) (35kg)	Hydraulically controlled +-5 deg.
Support wheels (600kg)	Hydraulically controlled

Main dimensions:

Front ripper blade width	2140 mm
MGR-360 width /weight	1600-3600mm / 1200kg
MGR-420 width /weight	1800-4200mm / 1300kg
MGR-480 width /weight	2000-4800mm / 1400kg
Transportation W x L x H	2140x3800x1550mm



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TYPICAL WORKING ENVIRONMENTS summer

- Maintenance of all types of gravel roads
- Profiling road after crusher
- Leveling and profiling gravel-based yards and fields
- Removal of roadside berms

TYPICAL WORKING ENVIRONMENTS winter

- Property maintenance, snow plowing for yards and parking areas
- Snow plowing for sideways, streets and driveways
- Removal of compacted snow and ice layers

FEATURES

- Strong and compact construction, makes the working and turning of the tractor effortless in any place.
- Side grading blades allows operation in both forward and reverse directions
- Side grading blades allows grading and material transport in both directions
- Easy to use, suitable for various applications and tractors of different sizes
- Designed for year-round use
- Wide range of accessories available, which can also be installed later
- The floating side grading blade structure allows for grading and snow plowing at high speeds

