



MG618 Motor Grader

Weight: 18,590 lbs.
Horsepower: 133 hp
Moldboard: 10 ft.
Optional: All-Wheel-Drive

**Machines shown may include optional equipment.*



PSI

Pavement Services, Inc.

Where Innovation Delivers Productivity

MG618 Motor Grader - Big Power / Small



The PSI MG618 Motor Grader is the most productive & maneuverable small grader in its class. The MG618 is a true investment in productivity, your operators and your business. Experience it today.

Hydrostatic Drive

Get the most torque to the ground using PSI's tandem hydrostatic pump design. Electronic Traction Control provides maximum torque to the ground while virtually eliminating tire scuff in tight turns.

Hydraulics

Responsive hydraulics allow for complete control over the moldboard putting confidence at the operators finger tips. Work Modes enable the operator to match hydraulic speed to work requirements. The MG618 is Laser Ready from the factory.

Moldboard

The 10 foot moldboard features sideshift, angle, tilt and float enabling the operator to handle many different work requirements. PSI's exclusive rear mounted A-frame design increase Blade Down Pressure and simplifies blade operations making the MG618 the most productive grader in its class.

All Wheel Drive

Optional Front-Wheel-Assist enhances productivity in the most demanding underfoot conditions by adding over 30% more drawbar pull.

Front Universal Quick-Attach

Standard on the front quick-attach is an 84 inch Scarifier. Options include an 84 inch Backfill Blade, Auxiliary Hydraulics and an 84 inch Broom.



Over 9,500 lbs. of Blade Down Pressure allow the MG618 to cut material that other graders would scarifier first.

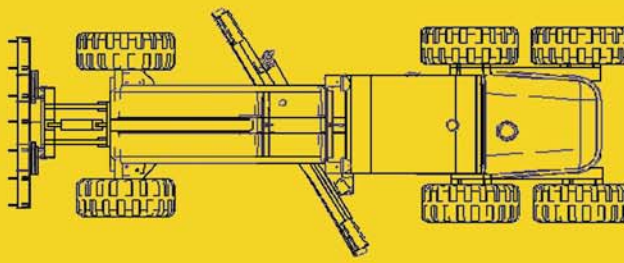


The MG618's 32° of Articulation and 20° of Wheel Lean shine in tight parking lots where maneuverability and the ability to carry large blade loads are required.



With 45° of Moldboard Tilt, the MG618 is perfect for blue-topping parking lots, driveways and shoulders.

Package



Pavement Services, Inc. is the leading manufacturer of motor graders under 133 HP in the USA. Building a quality product based on sound engineering practices and using field tested, time proven components is our focus.

PSI demands performance and reliability out of each machine we manufacture. From Sauer-Danfoss hydrostatic pumps, Topcon machine control systems and Deutz engines, we expect the best from our partners.

The result, the Industry's most comprehensive warranty: 18 Month Machine Warranty and a 3 Year Hydraulic Hose Guarantee.



The Deutz turbo-charged, aftercooled 2012 diesel engine is rated at 133 HP and meets Tier II emission requirements.



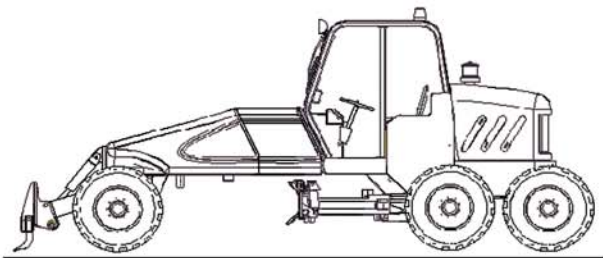
Easy access to the engine and hydrostatic pumps make the MG618 a service friendly grader. All daily grease fittings can be reached from ground level to help insure proper maintenance.



Optional Front-Wheel-Assist proves its worth while maintaining gravel and dirt roads.

Technical Data

MODEL	MG618 Motor Grader	
WEIGHTS (std. equipment)	Operating	18,590 lbs
	Front Axle	5,600 lbs
	Rear Tandem	12,990 lbs
ENGINE (tier 2 compliant)	Deutz 2012 Diesel	133 hp
	4.04 Liter	363.3 ft lbs torque
	Travel Speed	0-8 mph low range 0-17 mph high range
MOLDBOARD ASSEMBLY	Length	10' std – 12' optional
	Height	19"
	Lift Above Ground	13.75"
	Hydraulic Side Shift	36" outside wheel L or R
	Hydraulic Tilt	infinite from 0° - 45°
	Hydraulic Angle	39° L or R
	Two Work Modes - PSI's exclusive Fine Grade mode for finish grading applications & Coarse Grade mode for production grading applications	
SCARIFIER (front-mounted)	Width	84"
	Number of Shanks	7
	Shank Penetration	9"
	Ground Clearance	11.5"
	Down Pressure	6,100 lbs
ELECTRICAL SYSTEM	12 volt keyed ignition, 78 amp alternator, neutral safety switch on starting circuit	
TIRES AND WHEELS	Tires	(6) 15-19.5 NHS 8 ply
	Wheels	(6) 9 lug 19.5x15
	Front Axle Oscillation	30°
	Rear Bogey Oscillation	30°
DRIVE SYSTEM	Tandem drive 4 wheel limited slip hydrostatic transmission with electronic traction control system, power steering, foot actuated speed/direction control with spring return, planetary reduction type hydrostatic drive	
HYDRAULIC SYSTEM	20 US gallon capacity, high-low sight level gauge, 7 micron drive circuit filtration, 10 micron low-pressure circuit filtration	
STEERING	Turning Radius Inside 10' Blade	6'6"
	Turning Radius Inside Wheels	7'
	Turning Radius Outside Wheels	18'
	Front Wheel Lean	20° L or R
	Wheel Steering Angle	45° L or R
	Center Articulation Angle	32° L or R
FRAME	Unitized box tube & heavy gauge welded steel	
FUEL SYSTEM	40 US gallons	
STANDARD SAFETY EQUIPMENT	Electric back-up alarm, seat belt, SAE ROPS certified, neutral safety switch, parking brake spring applied with hydraulic release	
OPTIONAL	Enclosed cab, air conditioning, heat, defrost, lights package, front auxiliary hydraulics, front-mounted backfill blade, 12' moldboard, automatic blade control system, front-wheel-assist	



Overall Length (Std. Equip.)	276.00"
Width Over Tires	89.00"
Transport Width (10 ft. Blade)	97.00"
Transport Width (12 ft. Blade)	111.50"
Overall Height	109.00"
Wheel Base	198.00"
Tnadem Wheel Base	44.50"
Blade Base	81.50"

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



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