

## RG1260D Features and Components Explained with Photos and Text Notes

Unique Feature or Component	Photo Page	Feature or Explanation of Feature Benefits	Supporting Photos & Text Message Points
Low Cost	1	More productive and 50 to 60% lower cost than competitive machine that are designed to do similar work	Hydraulic Power Unit (HPU), Grinder Head, Water Injection System
		The RG1260D is a Motor Grader Attachment	
Component Attachment Ease	2-3	Hydraulic Power Unit	Ripper Mount System
		Grinder Head	Hydraulic Hose Bulkheads and quick disconnects
			Mounting Bolts for Skeleton on existing moldboard holes
			Upper mounting bolts, 2 ea
	Hydraulic hose quick disconnects		
	Quick Disconnect Water Hose		
Mobilization Conveniences	4	Under 10 foot width for non-permit mobilization for 12.5 foot wide grinder head	Grinder tucked under blade frame
		Lowering of hydraulic power unit reduces mobilization height	Hydraulic Power Unit lowered
		Small diameter drum allows enough clearance for all types of trailer transport loading	Drum raised to max height while loading
Grinder Frame Design	5-6	Moldboard provides primary support for grinder head	Overall view of grinder head from side
		Moldboard is used as grinder chamber wear surface	View of skeleton structure
Grinder Head Positioning	7-8	For grinding on steep crowns or "banked" high speed curves - keeps material from collecting on low side, avoids losing gravel off road shoulders	Angle to left or right with blade circle
		For increasing low worn out crown over full lane width	Hoist cylinders - Photo from front of machine with drivers side or drum raised
		Side shift to left and right to allow traffic to pass or to keep machine away from dangerously high embankment edges	Side shift cylinder
		Removing vegetation and recovering road surface gravel from road side slopes while operating machine on road surface.	Side Shift, Hoist Cylinders, Blade circle, photo from front left side and elevated
Road Defect Removal	9	Vertical control	Grinder head position indicators on vertical and tilt hydraulic cylinders
		Leveling of existing road surface dips and humps	Long wheel base supporting grinder head - photo from left side of whole machine
Liquid Additive Injection System	10-13	Adjustable spray bar for uniform moisture injection	Spray head and valve mechanism
		Water Pump	Water pump
		Flow Control System	Photo of components & where located on machine
		Front location improves uniformity of liquid in mixture	side view of grinder head
Small Mixing Chamber	14	Small diameter drum	Small pivot - show by diagram on photo of machine from side
Operator Conveniences	15-17	Visibility to Rear by Lowering of HPU	Photo from side of machine with lines that show line of sight
		Engine Service at ground level	
		Grinder head position control	Cylinder position indicators and readouts
		Ease of operation	Standard blade controls position grinding head where desired
			Single electric control knob for grinder head speed regulation
Doors remove for easy access to carbide bits and drum cleaning	Door design & hold down mechanism		
	Rubber liner to reduce noise and maintenance		
Leveling bar	18	Spreads out and levels loose materials to provide a uniform depth for ease of final blading and compaction	Leveling bar made from grader bits