



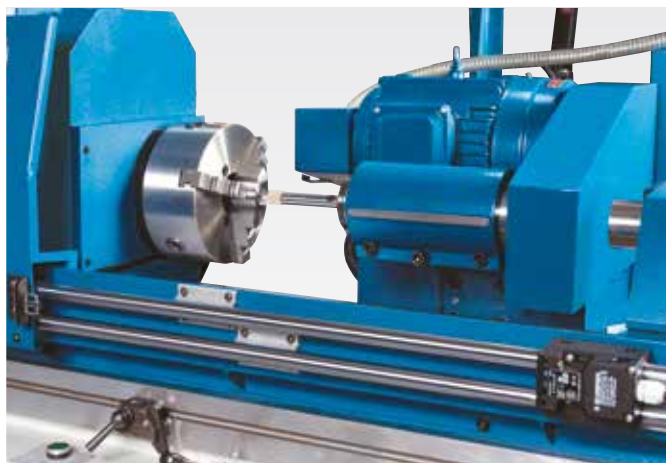
See this machine
in action on
YouTube



RSM 800 is shown

Extensive standard equipment

- Proven and extremely rigid machine frame made of premium cast-iron - this machine's high intrinsic weight, diligent design and production create optimum conditions for excellent grinding and sanding results
- Infinitely variable hydraulic linear feed



Grinding headstock can be rotated 180° to change from inside to outside grinding

- High-precision guideways of linear and transverse movement consisting of combined V-guides and box ways
- Hydraulic adjustment of the grinding headstock simplifies set-up, workpiece exchanges and reduces downtime
- Grinding spindle with segmented high-precision bearing, adjustable and low maintenance
- Work spindle speeds are infinitely variable and can be easily adjusted and optimized during the machining process
- Machine table swivels for taper grinding
- Hydraulic tailstock with foot switch



RSM 500 A is shown

Standard Equipment

2-axis position indicator, internal grinding equipment, 3-jaw chuck, Ø 7.87", chuck flange, balancing station, balancing mandrel, truing feature, center point, grinding wheel flange, coolant system, open rest, closed rest, drivers, work lamp, operating tools, operator instructions

Specifications

		RSM 500 A	RSM 800
Working Area			
Center height	in	5	5
Workpiece length (max.)	in	26	37
Grinding length	in	20	31
Grinding diameter	in	0.3 - 7.9	0.3 - 7.9
Inside grinding diameter without rest	in	0.4 - 3.9	0.5 - 3.9
Work piece weight between centers (max.)	lbs	110	110
Inside grinding depth	in	4.9	4.9
Table swivel range (max.)	R / L	-3° / +9°	-3° / +8°
Wheel speeds	in/s	1,482	1,482
Feed			
Table feed, infinitely variable	fpm	0.33 - 13.08	0.33 - 13.08
Feed per scale division X-axis	in	0.000197	0.000197
Headstock			
Work spindle speeds	rpm	25 - 220	25 - 380
Working headstock swivel range		0-45°	0-45°
Spindle taper	MT	4	4
Grinding headstock			
Inside grinding spindle speed	rpm	16,000	16,000
Grinding headstock swivel range (r+l)		± 30°	± 30°
Drive Capacity			
Total power consumption	kVA	5.63	5.63
Measures and Weights			
Grinding wheels dimensions	in	16x2x8	16x2x8
Grindstone dimensions, inside grinding (max.)	in	2x1x0.5	2x1x0.5
Grindstone dimensions, inside grinding (min.)	in	0.7x0.8x0.2	0.7x0.8x0.2
Overall dimensions (length x width x height)	in	99x63x60	119x63x60
Weight	lbs	5,500	6,600
Part No.		302430	370150