



Conventional Cylindrical Grinders

RSM 800



PRODUCT.BROCHURE.SKU: 370150

The machine frames of the RSM series are characterized by a heavy design and long, supporting guideways. The table can be swiveled and the finely adjustable hydraulic feed moves smoothly in the longitudinal direction. A large scale ring on the handwheel of the X-axis facilitates precise infeed and the zero stop guarantees compliance with the desired dimension. The standard position indicator with linear scales is used to check the actual values. The headstock is rotated 180 degrees for internal grinding. An extensive accessory package is standard.

- Internal and external grinding
- Hydrostatic bearings for high surface quality
- Swiveling headstock for conical grinding of short parts
- Integrated rapid feed on Z-axis with manual return
- Extensive package of standard accessories

PRODUCT.BROCHURE.technical_specs

ATTRIBUTES.MEG-000008.DESCRPTION

attributes.MEG-000008.MER-000411	135 mm
attributes.MEG-000008.MER-001008	950 mm
attributes.MEG-000008.MER-001012	800 mm
attributes.MEG-000008.MER-000543	8 mm - 200 mm
attributes.MEG-000008.MER-000581	25 mm - 100 mm
attributes.MEG-000008.MER-000312	50 kg
attributes.MEG-000008.MER-000135	125 mm
attributes.MEG-000008.MER-000991	-3° / +7° R / L
attributes.MEG-000008.MER-000276	35 m/s

ATTRIBUTES.MEG-000006.DESCRPTION

attributes.MEG-000006.MER-000488	0.1 m/min - 4 m/min
attributes.MEG-000006.MER-000554	0.005 mm

ATTRIBUTES.MEG-000019.DESCRPTION

attributes.MEG-000019.MER-000626	0-45°
attributes.MEG-000019.MER-000931	4 MT

ATTRIBUTES.MEG-000020.DESCRPTION

attributes.MEG-000020.MER-000073	16000 1/min
attributes.MEG-000020.MER-000237	± 30°

ATTRIBUTES.MEG-000009.DESCRPTION

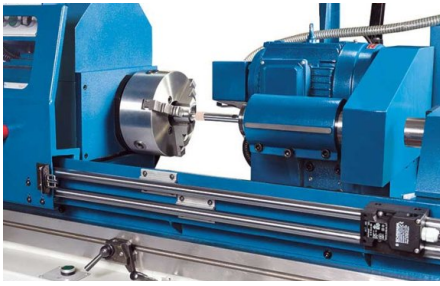
attributes.MEG-000009.MER-000194	4 MT
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ATTRIBUTES.MEG-000002.DESCRPTION

attributes.MEG-000002.MER-000019	5.625 kVA
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ATTRIBUTES.MEG-000004.DESCRPTION

attributes.MEG-000004.MER-000211-height	400 mm x 50 mm x 203 mm
attributes.MEG-000004.MER-000564-height	50 mm x 40 mm x 16 mm
attributes.MEG-000004.MER-000563-height	35 mm x 45 mm x 10 mm
attributes.MEG-000004.MER-000002-height	3 m x 1.6 m x 1.5 m
attributes.MEG-000004.MER-000108	3000 kg



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

PRODUCT.BROCHURE.PRODUCT_DETAILS

- 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
- Hydraulic linear feed features very precise, infinitely variable micro-feed
- 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

PRODUCT.BROCHURE.STANDARD_EQUIPMENT

2-axis position indicator X.Pos 3.2
Internal grinding equipment
3-jaw chuck Ø 200 mm
Chuck flange
Balancing station
Balancing mandrel
Dress equipment
Center point
Grinding wheel flange
Coolant system
Open rest
Closed rest
Drivers
Work lamp
Operating tools
Operator instructions



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