



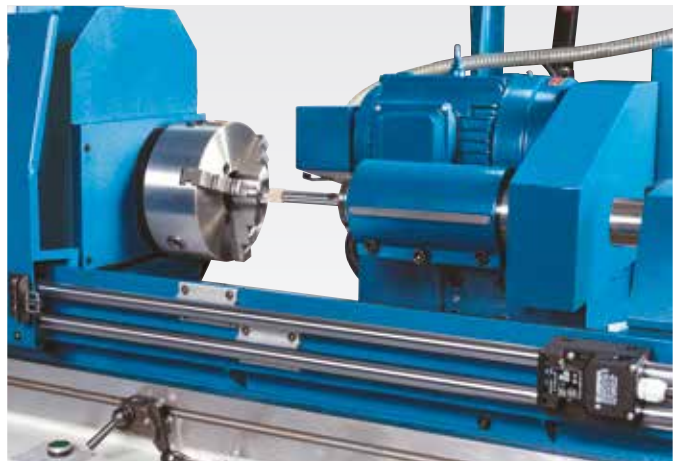
See this machine  
in action on  
YouTube



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

## Specifications

|   |       | RSM 500 A   | RSM 800    |
|---|-------|-------------|------------|
| <b>Working area</b>                           |       |             |            |
| Center height                                 | mm    | 135         | 135        |
| Workpiece length (max.)                       | mm    | 650         | 950        |
| Grinding length                               | mm    | 500         | 800        |
| Grinding diameter                             | mm    | 8 - 200     | 8 - 200    |
| Inside grinding diameter without rest         | mm    | 10 - 100    | 13 - 100   |
| Workpiece weight between centers (max.)       | kg    | 50          | 50         |
| Inside grinding depth                         | mm    | 125         | 125        |
| Table swivel range (max.)                     | R / L | -3° / +9°   | -3° / +8°  |
| Wheel speeds                                  | m/s   | 38          | 38         |
| <b>Feed</b>                                   |       |             |            |
| Table feed, infinitely variable               | m/min | 0,1 - 4     | 0,1 - 4    |
| Feed per scale division X-axis                | mm    | 0,005       | 0,005      |
| <b>Headstock</b>                              |       |             |            |
| Work spindle speeds                           | 1/min | 25 - 220    | 25 - 380   |
| Working headstock swivel range                |       | 0-45°       | 0-45°      |
| Spindle taper                                 | MT    | 4           | 4          |
| <b>Grinding headstock</b>                     |       |             |            |
| Inside grinding spindle speed                 | 1/min | 16.000      | 16.000     |
| Grinding headstock swivel range (r+l)         |       | ± 30°       | ± 30°      |
| <b>Drive capacity</b>                         |       |             |            |
| Total power consumption                       | kVA   | 5,625       | 5,625      |
| <b>Measures and weights</b>                   |       |             |            |
| Grinding wheels dimensions                    | mm    | 400x50x203  | 400x50x203 |
| Grindstone dimensions, inside grinding (max.) | mm    | 50x25x13    | 50x25x13   |
| Grindstone dimensions, inside grinding (min.) | mm    | 17x20x6     | 17x20x6    |
| Overall dimensions (length x width x height)  | m     | 2,5x1,6x1,5 | 3x1,6x1,5  |
| Weight  | kg    | 2.500       | 3.000      |
| Part No.                                      |       | 302430      | 370150     |