

# DKM 500x2000 SC



## HIGHLIGHTS

- » elektromechanical main spindle break for the security yourr Mitaratter
- » 4-position supported main spindle for highest precision
- » highs Spatvolumen by 1400 Nm max. torque at the main spindle
- » onhatdhebelbetrieb for effectives processing at the machine
- » Gegenlflächen Turcite coated

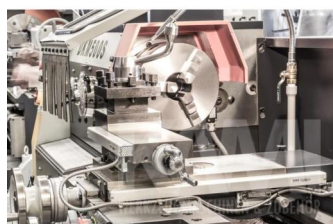
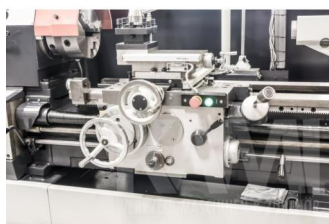
# DKM 500x2000 SC

## SPECIFICATIONS

|                          |                             |
|--------------------------|-----------------------------|
| height of center         | 250 mm                      |
| diameter of spindlehole  | 105 mm                      |
| distance between center  | 2000 mm                     |
| max. swing over bed      | 500 mm                      |
| max. swing in the gap    | 710 mm                      |
| max. swing over slider   | 300 mm                      |
| speed range              | 36 - 1600 U/min (12 steps)  |
| spindlenose              | DIN 55029 Camlock D1-8      |
| movement of X-axis       | 275 mm                      |
| Z1 axis travel           | 145 mm                      |
| range longitudinal feeds | 0,063 - 2,52 mm/U; 65 steps |
| range cross feeds        | 0,027 - 1,07 mm/U, 65 steps |
| metric thread            | 1 - 14 mm; 22 steps         |
| inch thread              | 28 - 2 Gatg/Inch; 25 steps  |
| model thread             | 0,5 - 7 mm; 18 steps        |
| diametral pitch          | 56 - 4 DP; 24 steps         |
| quill diameter           | 75 mm                       |
| quill stroke             | 150 mm                      |
| quill konus              | morse cone 5                |
| power of engine          | 7,5 KW                      |
| weight                   | 3.150,00 kg                 |
| dimensions               | 3632 x 975 x 1270 mm        |

## EQUIPMENT

- » produced according DIN 8606
- » 103 mm diameter of spindlehole
- » Gap Bed
- » electromagnetic spindle break
- » automatic feed in longitudinal and cross through one-hand-lever-technic
- » rapid feed in longitudinal and cross via Pushbutton
- » overload clutch in apron
- » headstock lubrication by integrated pump
- » manual guideway central lubrication
- » 3 axis digital measurement system
- » adjustable main spindle bearing
- » multi-plate clutch in main gearbox
- » helically toothed, hardened and ground gears for little clearance and smooth running



## ACCESSORIES

3-jaw chuck 315mm,  
4 jaws independent chuck 400 mm,  
1 pc follow rest, 1 piece steady rest 120-250  
mm opening dimensions  
Optional: Taper Attachment

## OPTIONAL ACCESSORY

- » Quick change tool holder set Gr. B Multifix quick-change steel holder set Gr. B
- » clamped turning tool set 20 mm with insert system 9- pieces
- » live center MK5/PHD running
- » drilling accessories keyless drill chuck B16, 1-13mm

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