

# DKM 500x1000 SB



## 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
- » Gegenlofläachen Turcite coated

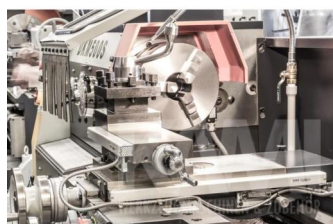
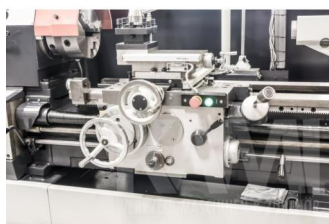
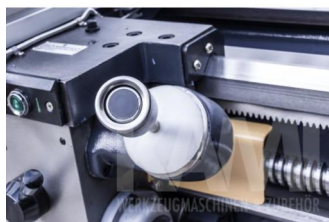
# DKM 500x1000 SB

## SPECIFICATIONS

<b>height of center</b>	250 mm
<b>diameter of spindlehole</b>	82 mm
<b>distance between center</b>	1000 mm
<b>max. swing over bed</b>	500 mm
<b>max. swing in the gap</b>	710 mm
<b>max. swing over slider</b>	300 mm
<b>speed range</b>	9 - 1600 U/min (24 steps)
<b>spindlenose</b>	DIN 55029 Camlock D1-8
<b>movement of X-axis</b>	275 mm
<b>Z1 axis travel</b>	145 mm
<b>range longitudinal feeds</b>	0,028 - 6,43 mm/U; 93 steps
<b>range cross feeds</b>	0,012 - 2,73 mm/U; 93 steps
<b>metric thread</b>	0,5 - 224 mm; 48 steps
<b>inch thread</b>	72 - 1/8 Gatg/Inch; 49 steps
<b>model thread</b>	0,5 - 112 mm; 42 steps
<b>diametral pitch</b>	56 - 1/4 DP; 42 steps
<b>quill diameter</b>	75 mm
<b>quill stroke</b>	150 mm
<b>quill konus</b>	morse cone 5
<b>power of engine</b>	7,5 KW
<b>weight</b>	2.750,00 kg
<b>dimensions</b>	2500 x1100 x 1380 mm

## EQUIPMENT

- » produced according DIN 8606
- » 80 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 250mm,  
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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