

# GKM 450/2



**SURFACE GRINDING MACHINE**

# GKM 450/2

## SPECIFICATIONS

<b>table size</b>	250 x 500 mm
<b>max. weight of workpiece</b>	180 Kg
<b>max. longitudinal movement</b>	560 mm
<b>max. cross movement</b>	275 mm
<b>max. distance between center of column - table</b>	450 mm
<b>hydraulic table movement</b>	7 - 23 m/min
<b>automatic crossfeed</b>	0,1 - 8 mm/min
<b>rapid cross feed</b>	990 mm/min
<b>automatic vertical feed</b>	0,005 - 0,05 mm
<b>rapid longitudinal feed</b>	460 mm/min
<b>size of grinding disc</b>	200 x 20 x 31.75 mm
<b>power grinding spindle motor</b>	2.2 KW
<b>Grinding spindle speed</b>	2850 U/min
<b>Electromagnetic plate size</b>	250 x 500 mm
<b>power consumption</b>	3.7 KW
<b>weight</b>	1.800,00 kg
<b>dimensions</b>	2300x1600x1675 mm

## EQUIPMENT

- » big smooth running, highest accuracy at lowtemperature structure
- » grinding wheel with maintenance-free, prestressed Precision angular contact ball bearings
- » automatic feed in Transverse- and longitudinal
- » hydraulic longitudinal movement in the Y-axis
- » duplicate V-guide ways for the longitudinal movement
- » kombinierte V- and flat bed guideways for the transverse movement
- » guideways hardend and ground



## ACCESSORIES

grinding disc, flange for grinding disc, balancing wheel,  
Halogen working lamp, Demagnetizer,  
watercoolingsystem, electromagnet 200x460 mm,