

# GKM 580/3



**SURFACE GRINDING MACHINE**

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## SPECIFICATIONS

<b>table size</b>	406 x 813 mm
<b>max. weight of workpiece</b>	500 Kg
<b>max. longitudinal movement</b>	910 mm
<b>max. cross movement</b>	450 mm
<b>max. distance between center of column - table</b>	580 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>	350 x 40 x 127 mm
<b>power grinding spindle motor</b>	5.5 KW
<b>Grinding spindle speed</b>	1450 U/min
<b>Electromagnetic plate size</b>	400 x 800 mm
<b>power consumption</b>	9.0 KW
<b>weight</b>	4.300,00 kg
<b>dimensions</b>	3600x2400x1890 mm

## EQUIPMENT

- » big smooth running, highest accuracy at lowtemperature structure
- » grinding wheel with maintenance-free, prestressed Precision angular contact ball bearings
- » vertical axis with automatic feed through Servomotor
- » automatic feed in Transverse- and longitudinal
- » hydraulic longitudinal movement in the Y-axis
- » duplicate V-guide ways for the longitudinal movement



## ACCESSORIES

grinding disc, flange for grinding disc, balancing wheel,  
Halogen working lamp, Demagnetizer,  
watercoolingsystem, electromagnet 400 x 800 mm,