

KAMI WERKZEUGMASCHINEN

SURFACE GRINDING MACHINE

# GKM 50100



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## SPECIFICATIONS

<b>table size</b>	500 x 1000 mm
<b>max. weight of workpiece</b>	600 Kg
<b>max. longitudinal movement</b>	1000 mm
<b>max. cross movement</b>	500 mm
<b>max. distance between center of column - table</b>	600 mm
<b>hydraulic table movement</b>	5 - 25 m/min
<b>automatic crossfeed</b>	0,5 - 20 mm/min
<b>manual feed</b>	0.02 mm/graduation
<b>rapid cross feed</b>	1250 mm/min
<b>automatic vertical feed</b>	0,005 - 0,04 mm
<b>rapid longitudinal feed</b>	230 mm/min
<b>manual feed vertical</b>	0.002 mm/graduation
<b>size of grinding disc</b>	355 x (20-50) 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>	500 x 1000 mm
<b>power consumption</b>	7.5 KW
<b>dimensions</b>	4700x2200x2390 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
- » kombinierte V- and flat bed guideways for the transverse movement

## ACCESSORIES

grinding disc, flange for grinding disc, balancing wheel,  
Halogen working lamp ,Demagnetizer,  
watercoolingsystem,electromagnet 500 x 1000 mm.