

GKM 600/1



SURFACE GRINDING MACHINE

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SPECIFICATIONS

table size	630 x 1250 mm
max. weight of workpiece	970 Kg
max. longitudinal movement	1250 mm
max. cross movement	600 mm
max. distance between center of column - table	600 mm
hydraulic table movement	5 - 25 m/min
automatic crossfeed	0 - 30 mm/min
manual feed	0.02 mm/graduation
rapid cross feed	1250 mm/min
automatic vertical feed	0,005 - 0,04 mm
rapid longitudinal feed	230 mm/min
manual feed vertical	0.002 mm/graduation
size of grinding disc	355 x (20-50) x 127 mm
power grinding spindle motor	7.5 KW
Grinding spindle speed	1450 U/min
Electromagnetic plate size	500 x 1000 mm
power consumption	9.5 KW
dimensions	4000x2400x2190 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 X-axis
- » duplicate V-guide ways for the longitudinal movement
- » kombinierte V- and flat bed guideways for the transverse movement

ACCESSORIES

PLC + HMI automatic Schleifcontroller, Y+Z-axis elektron. Handle wheel, 7" LCD-TFT Farbdisplay, grinding disc, flange for grinding disc, balancing wheel, Halogen working lamp, Demagnetizer, electromagnet 600 x 1000 mm.