

surface grinding machine GKM 600/1

fully-automatedische Flachsleifmaschine with automatic vertical feed. The X- axis will be Hydraulic mowing, The Y+Z- axis are with servomotors equipped.

Price upon inquiry

specifications

table size	630 x 1250 mm
max. weigth 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
- guideways hardend and ground
- external hydraulic power unit
- automatic central lubrication

accessoires

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.