

surface grinding machine GKM 510 AHD

fully-automatedische Flachsleifmaschine with automatic vertical feed.

Price upon inquiry

specifications

table size	600 x 1000 mm
max. weight of workpiece	800 Kg
max. longitudinal movement	1140 mm
max. cross movement	540 mm
max. distance between center of column - table	590 mm
hydraulic table movement	8 - 25 m/min
automatic crossfeed	0,5 - 12 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 40 x 127 mm
power grinding spindle motor	7.5 KW
Grinding spindle speed	1450 U/min
Motor for Vertikaspindel	0.37 KW
Motor Hydraulik	2.2 KW
Motor for exhaustion	0.55 KW
Motor for cooling	0.09 KW
Motor for transverse movement	0.37 KW
Electromagnetic plate size	500 x 1000 mm
power consumption	9.5 KW
weight	6.000,00 kg
dimensions	4445x2200x2200 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 and Ball leadscrew, drive 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
- guideways hardend and ground
- external hydraulic power unit
- automatic central lubrication

accessoires

grinding disc 355x40x127 mm, flange for grinding disc, balancing wheel, Halogen working lamp , Demagnetizer, electromagnet 500 x 1000 mm, diamond Dresser, 2-axis digital measurement system ready mounted.