

surface grinding machine GKM 80160SD

fully-automatedische Flachsleifmaschine with automatic vertical feed.

Price upon inquiry

specifications

table size	810 x 1600 mm
max. weight of workpiece	1630 Kg
max. longitudinal movement	1600 mm
max. cross movement	810 mm
max. distance between center of column - table	820 mm
hydraulic table movement	5 - 25 m/min
automatic crossfeed	1.0 - 30 mm/min
manual feed	0.05 mm/graduation
rapid cross feed	1250 mm/min
automatic vertical feed	0,005 - 0,05 mm
rapid longitudinal feed	0.05 - 2 m/min
manual feed vertical	0.005 mm/graduation
size of grinding disc	500 x 75 x 305 mm
power grinding spindle motor	18.5 KW
Grinding spindle speed	960(1450) U/min
Electromagnetic plate size	2 piece 800 x 800 mm
max. weight of workpiece	1630 Kg
power consumption	20.0 KW
weight	10.500,00 kg
dimensions	4700x3500x2700 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
- guideways hardend and ground
- external hydraulic power unit
- automatic central lubrication

accessoires

grinding disc, flange for grinding disc, balancing wheel, Halogen working lamp, Demagnetizer, watercoolingsystem, electromagnet 800 x 800 x 2 mm.