

Lapping- and Polishing machine

With horizontal lever and NC/CNC-control

HX 500 SPEED – with sliding weight or pneumatic lever

Machine Characteristics

- Universal processing machine for lapping and polishing for cylindrical lenses
- Robust x- and y-axis with servo drive and ball screw
- Stable axis guidance for vibration-free, low-vibration machining operations
- 12" touch display for parameter input and report
- All movements and parameters (e.g. speeds and working pressures) are programmable and storable
- Product database reduces setup times and offers process reliability
- Wide range of parameters enables efficient use of modern tools and operating equipment
- Connection to other systems, e.g. measuring equipment
- Stroke, lever arm position and speed adjustable during the process
- Working pressure adjustment via sliding weight or alternatively pneumatic lever
- One-hand lift-out device for the lever arm(s) (for sliding weight)
- Pneumatic lifting for the lever arm(s) (for pneumatic lever)
- Stainless steel boiler or plastic boiler
- Polishing agent distributor



Options

- Working pressure indicator
- Lever pull-out position indicator

Technical Details

	HX 500 Speed
Number of spindle	1
Basin size in mm	700 (angular)
Distance spindle winding surface - center of lever arm in mm	150 (up to 440 possible)
Travelling distance	X = 460; Y = 200
Axis speed in mm/min	15000
Working pressure in N	
Lever unloaded	0
Sliding weight	20 - 120
Pneumatic lever	0 - 480
Main spindle connection thread	M39 DIN 58725
Power requirement in kW	3,2
Ball pin	Ø 18 mm / M16
Weight in kg	1119
Demensions (WxDxH) in mm	1400 x 1500 x 1770
Working height	1000
Paint finish (standard)	Light grey RAL 7035

Tools and accessories can be found in our current catalogue or on request.



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