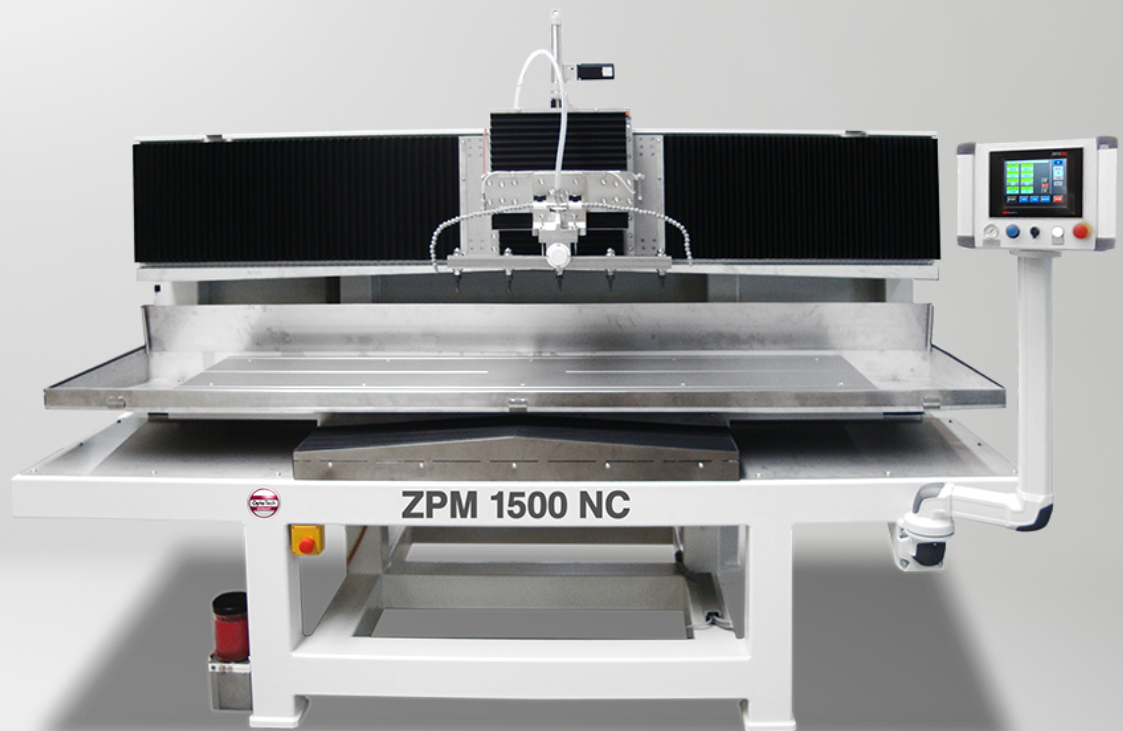




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ZPM 1500 NC

NC-Controlled Cylinder Fine Grinding or Polishing Machine

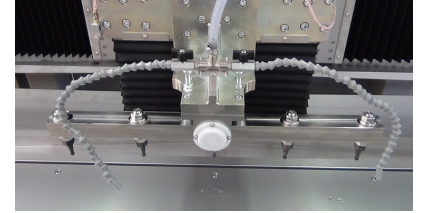


The ZPM 1500 NC is a NC-controlled polishing machine for cylinder lenses with large radii. Due to the convenient design in combination with kinematics optimized for cylinder lenses the machine is a high-tech tool for a high technological market.



Technical data

	ZPM 1500 NC
Application	Fine Grinding and Polishing of Cylinder Lenses
Working Range Diameter Cylinder	$\leq \infty$
Working Range Length Cylinder	0 mm - 2000 mm
Working Range Workpiece Height	10 mm - 150 mm
Working Range Workpiece Width	200 mm - 400 mm
Clamping Technology	on T-slide table (2100x500mm)
Polishing Time	0 - 9999 min
Working Pressure	Pneumatically
X-Axis	Oscillation: max. 1400 mm; Oscillation Frequency: 0 - 20 rpm, depending on oscillation X-Axis
Y-Axis	Oscillation: max. 300 mm; Oscillation Frequency: 0 - 30 rpm, depending on oscillation Y-Axis
Dimensions	Width: 2950 mm, Height: 2120 mm, Depth: 1820 mm
Weight (approx.)	1500 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.





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Highlights

- Machine for Fine Grinding or Polishing Cylinder Optics
- Tool head movable in X-Z direction, workpiece movable in Y direction. Stroke and oscillation frequency adjustable via NC-controller, thus providing ideal kinematics for flat cylindrical surfaces.
- Tool holder with possibility of movement for toroid - workpieces
- Tool pressure application by pneumatics
- Variable oscillation speeds
- Simple to setup, easy to maintain
- Universal usability
- Due to the simple NC controller it is possible to save parameters as well as the program kinematics
- Data Input: Stroke and oscillation frequency for X and Y axis, working time
- Working pressure adjustable by pneumatics