



OptoTech

# SPK 80 CNC

CNC-Controlled Polisher for a Wide Range of Optical Components



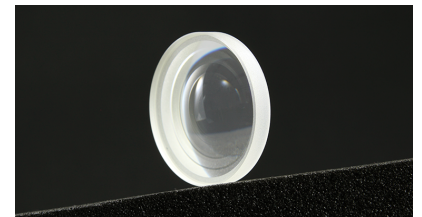
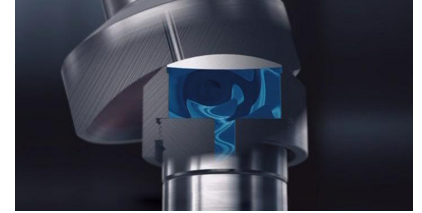
The polishing machine SPK 80 CNC is an all-round high-end machine for high precision polishing of a wide spectra of optical components. The SPK 80 CNC is the perfect complement to our SM 80 CNC TC grinding machine, delivering a balanced cycle time for grinding and polishing.



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## Technical data

	SPK 80 CNC
Application	Polishing Machine for a wide Range of Applications
Working Range Diameter	5 mm - 80 mm
Travel B	-90 ° - 90 °
Travel X	0 mm - 230 mm
Travel Z	0 mm - 110 mm
Amount of Axes	3 (X, Z, B)
Control	Siemens Sinumerik 840 Digital Solution Line
Tool Spindle	Speed: 0 - 3000 rpm; Interface: HD 25
Workpiece Spindle	Speed: 0 - 2000 rpm; Interface: HD 25
Vacuum	-0.7 bar
Air Pressure Requirement	6 bar
Power Requirement (others on request)	7 kW
Dimensions	Width: 1450 mm, Height: 1980 mm, Depth: 1200 mm
Weight (approx.)	2000 kg; without loader
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.





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## Highlights

- 3 spindle machine with integrated dressing tool spindle
- Pivoting Angle +/-90°
- Coolant control
- LAN-Connection
- Preparation for filter exhausting device
- Siemens Sinumerik One controller with OptoTech user interface

## Performance characteristics

Technologies:

- AST (Advanced Setup Technology, aka: Touch Setting)
- Polishing of optical components
- HydroSpeed Polishing for optimal polishing results and polishing without protective paint
- Ball pin processing for high aperture optics

## Options

- Remote diagnostics
- Polishing tanks and Chiller for polishing tanks
- Filter exhausting device
- Vacuum device