



OptoTech

SP 20.3

Multi-Spindle Polishing Machine for High Aperture Optics up to a Radius of 20 mm



Conventional high speed polishing machine SP 20.3 in SynchroSpeed mode. The low cost alternative to CNC machines at same cycle times.



Technical Data

	SP 20.3
Application	Conventional High Speed Polishing Machine
Working Range Aperture (Workpiece)	85 ° - 175 °
Working Range Radius	0.5 mm - 20 mm
Tool Spindle	Speed: 10 - 1200 rpm, infinitely variable Interface: M 10 DIN 58725
Workpiece Spindle	Speed: 0 - 350 rpm, infinitely variable Interface: M 10 DIN 58725
Air Pressure Requirement	5 bar
Power Requirement (others on request)	2,5 kW
Dimensions	Width: 1000 mm, Height: 1680 mm, Depth: 930 mm
Weight (approx.)	350 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- Fine grinding and polishing of spherical lenses in single lens production or on multiple spot blocks
- Finest grinding with pellets, Pre-polishing with plastic, pitch polishing can be done simultaneously, even different radii can be done simultaneously
- Ideal kinematics for high aperture optics (Ball Pin Technology)
- Pitch polishing or foil technology possible
- Small space requirements due to compact design

System Advantages

- Ideal for the production of rod lenses, microscope- and endoscope lenses
- Minimal cycle time
- Economical production of even small batches due to short and easy set-up
- Precise and repeatable production due to ideal machine kinematics