



OptoTech

SP 20.3

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

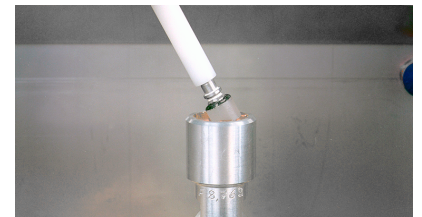


Conventional high speed polishing machine SP 20.3 in SynchroSpeed mode. The low cost alternative to CNC machines at same cycle times.



Technical Data

| | SP 20.3 |
|---------------------------------------|--|
| 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 |



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