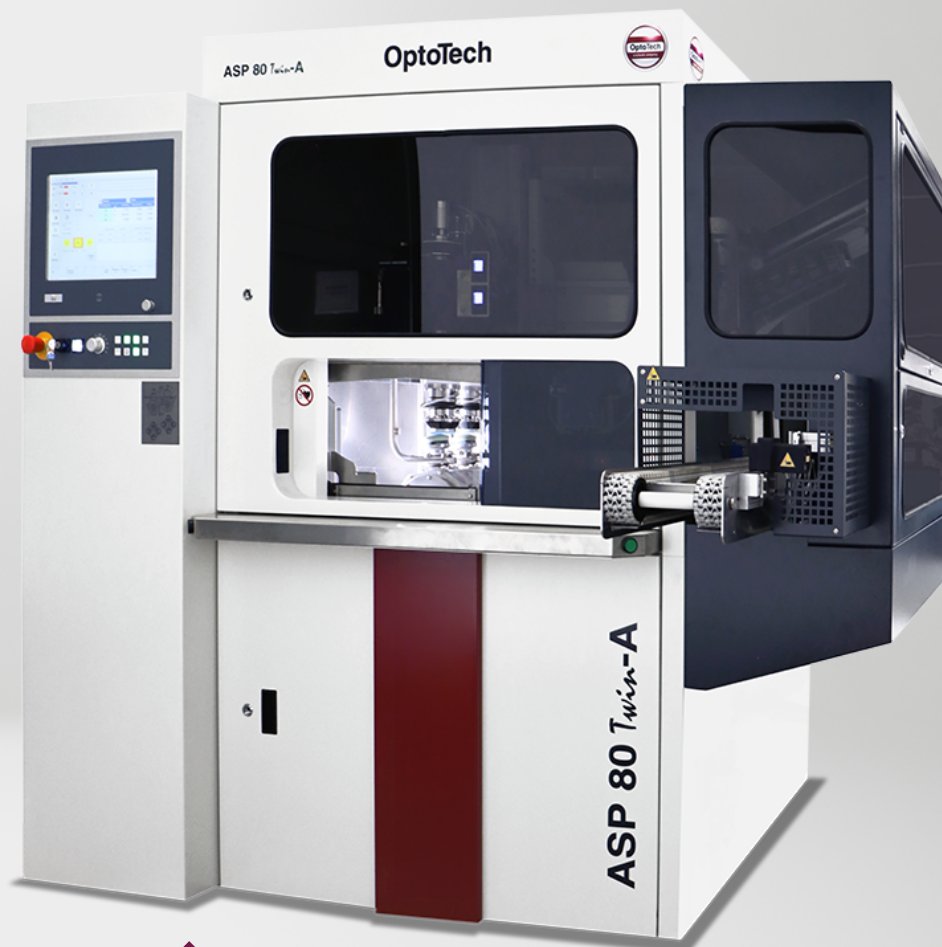# ASP 80 Twin-A

Fully Automated High Speed Polisher

The OptoTech Digital-Surfacing-Polisher ASP 80 Twin-A is designed for full automatic high speed polishing of two toric/atoric or backside progressive lenses simultaneously. Round, oval, or lenses of any other shape can be polished.

Données techniques

	ASP 80 Twin-A
Lens Diameter	40 mm - 85 mm
Optional Extended Range for Polishing	Lenticular lenses and radius up to -26 mm
Working Range Base Curve cv	up to -13 dpt. (Index 1.600)
Working Range Base Curve cx	up to 10 dpt. (Index 1.600)
Working Range Cylinder	Up to 6 dpt.
Lens Material	All organic Materials
Productivity	100 lenses/h
Spindles	2x Lens Spindle; 1x Revolving Tool Spindle
Air Pressure Requirement	6 bar
Power Requirement (others on request)	11 kW / 400 V / 50 Hz
Dimensions	Width: 2030 mm, Height: 2030 mm, Depth: 1860 mm
Weight (approx.)	1400 kg
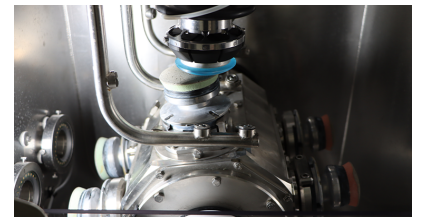
Highlights

- Twin revolving tool spindles, each equipped with 2 pre-polishing tools and 2 fine polishing tools with different radii and diameter, which adapt themselves to the topography of the lens surface to provide the widest working range without compromising speed and quality
- New processing technology to bring down process times and increase tool lifetime of our Hybrid Polishing Technology (HPT) tools while producing high value products
- „Quick change" tool concept with stainless steel magnetic holders for improved process stability and reduction in wear parts
- Image recognition system for tool inspection
- Integrated, fully automatic cleaning station
- Optimized handling for uninterrupted polishing and highest throughput

System Advantages

- Fully automatic polishing process
- Low operating costs thanks to the long life time of the HPT polishing tools
- All materials can be processed with the same tools
- High process reliability
- Consistent, reproducible surface quality
- High output for toric and digital surfaces

Options

- Extended range option available for automatic polishing of Lenticular lenses and radius up to -26mm on request

Valid: {18.09.2025}, subject to change without notice