

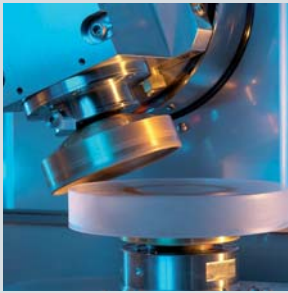


SPM/SPS-140

Efficient production of spheres,
aspheres and more

The flexibility and performance of the revolutionary 2-tool spindle technology.

satisloh



Grinding

Features:

- Versatile 360° tool swivel head with multiple function
- Unique 2-tool spindle technology (optional 2 spindles - 4 tools available)
- Y axis and C axis (optional)
- Direct driven and water chilled spindles
- Inductive linear motor for very fast and precise movements
- Integrated measuring probe (optional) connected to Satisloh IQS system
- Automated handling (optional)
- Integrated dressing function
- 2 step polishing
- Aspherical polishing (optional)
- Aspherical grinding in on-/off axis cup tool and disk-wheel mode (optional)

Benefits:

- High process flexibility
- Modular, upgradable system design
- Excellent repeatability and accuracy proven due to similar design as SPM/SPS-60
- Fast production machine
- Ergonomic and stiff machine design for operating and servicing
- Process simulation, direct CNC programming and ergonomic graph user interface by touch-screen
- Easy and fast set up procedure by automated touch on functions

Technical Information:

Models	SPM-140-2SL-1	SPM-140-4SL-1	SPS-140-2SL-2
	grinding		polishing
Working range spheres aspheres (depending on shape)	140 mm up to 200 mm	120 / 140 mm* up to 200 mm *depending on tool diameter	120 / (140 mm)** 200 mm** ** without dressing option

Processable materials:

- Glass, ceramics, crystals and similar

Weight:

approx. 2800 kg / 6173 lb

Geometries:

- Spheres-, aspheres-, plano surfaces
- Rounding processes, non symmetrical edge shaping and others

Electrical Power:

115 - 400V
50/60Hz 6kVA

Dimension (w x d x h):

1200 x 1950 x 1800 mm /
47 x 77 x 71 inches

Compressed Air: 6 bar

Consumption: up to 400 l/min



Contact

Satisloh AG
Neuhofstrasse 12
CH - 6340 Baar
Switzerland
Phone: +41 (0) 41766 16 16
Fax: +41 (0) 41766 16 10
Mail: info@satisloh.com

www.satisloh.com

North America

Sales
Phone: +1 262 255 6001
Email: info.usa@satisloh.com

Service
Phone: +1 262 255 6001
Email: service.usa@satisloh.com

Europe

Phone: +49 (0) 6441 912 0
Email: info.de@satisloh.com

Phone: +49 (0) 6441 912 555
Email: service.de@satisloh.com

Asia

Phone: +852 27 56 7711
Email: info.asia@satisloh.com

Phone: +852 27 53 5058
Email: service.asia@satisloh.com

satisloh

