

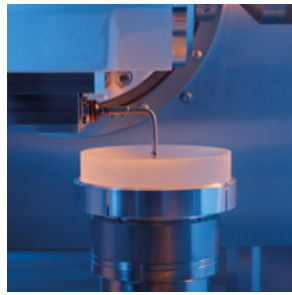
# SPM/SPS-125

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GRINDING AND POLISHING  
FOR Ø 10-125 MM



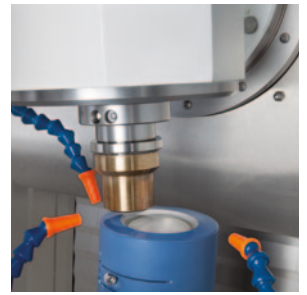
Spherical polishing  
up to  $\varnothing$  125 mm



CT measuring system (optional)



Dual spindle on SPM-125  
(optional on SPS-125)



Aspherical polishing  
with ADAPT (2D)

## FEATURES + BENEFITS

### Flexibility

- One machine for all steps of spherical processing: pre- & fine grinding, edging, polishing and tool dressing (aspherical processing optional)
- Grinding in standard & swivel mode
- Polishing in Synchrospeed & Vario-speed mode

### Efficiency

- ADAPT 2-D (optional) for pre- and corrective aspherical polishing saves up to 50 % time
- Time-saving process control via optional integrated CT measuring system
- Fast and easy setup thanks to intuitive Satisloh graphical user interface BaSyS
- 360° tool swivel head offers full swivel range and saves space at the same time
- Automatic polishing tool height measuring system in SPS-125



### Reliability

- Direct driven dual spindles on SPM-125 for high surface quality and low subsurface damage during grinding process
- Rigid polymer concrete base with 12x better vibration absorption than cast iron guarantees stable processes and repeatable results
- Best form accuracy thanks to patented method of cross-grinding adjustment (US patent no. US 9,446,494 B2)

### Ease of use

- Small footprint for convenient integration
- Easily accessible working chamber with rounded corners and coated surfaces simplifies maintenance and cleaning
- Integrated dressing function for polishing tools
- Graphical user interface Satisloh BaSyS allows easy and fast data input

## OPTIONS + ACCESSORIES

- Software modules for specific process steps
- Center thickness measuring system
- Coolant & chiller systems
- Handwheel
- Process stability kit (integrated measuring and displaying of PH value, density and temperature)
- Diamond & dressing tools, axis adjustments tools
- Workpiece receptions & chucks
- Consumables

## TECHNICAL INFORMATION

<b>Dimensions (w x d x h)</b>	1000 x 1600 x 2100 mm (39 x 63 x 83 in)
<b>Working range</b>	$\varnothing$ 10-125 mm

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