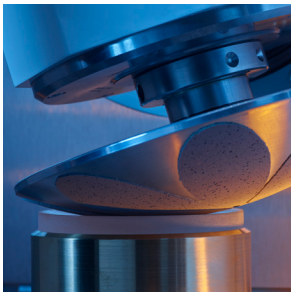




# SPM/SPS-150

GRINDING AND POLISHING  
FOR Ø 10-150 MM



Spherical polishing  
up to  $\varnothing$  150 mm



CT measuring system  
(optional on SPM- & SPS-150)



Dual spindle on SPM-150  
(optional on SPS-150)



Fluid-based polishing (optional)

## FEATURES + BENEFITS

### Flexibility

- Machine duo for all steps of spherical processing: pre- & fine grinding, edging, polishing and tool dressing (aspherical processing optional)
- Grinding in standard & swivel mode
- Polishing in Synchropeed

### Efficiency

- 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
- Integrated dressing spindle for polish-tools



### Reliability

- Direct driven dual spindles on SPM-150 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
- Improved cross-grinding adjustment (US patent no. US 9,446,494 B2)

### Ease of use

- Small footprint for convenient integration
- Improved user panel with integrated handwheel
- User friendly maintenance due to automated door and easy to clean surfaces
- 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
- Diamond & dressing tools, axis adjustments tools
- Workpiece receptions & chucks
- Consumables
- HS-200 flexible and mobile automation system
- Fluid-based polishing
- Integrated polishing tool dressing spindle (SPS-150)
- Cleaning program (Separate cleaning circuit with additional in- and outlet for optimal cleaning of working chamber and supply lines)

## TECHNICAL INFORMATION

<b>Dimensions (w x d x h)</b>	1100 x 1660 x 1930 mm (43 x 65 x 76 in)
<b>Working range</b>	$\varnothing$ 10-150 mm
<b>Weight</b>	2220 kg / 4850 lbs
<b>Tool diameter</b>	SPM-150: $\varnothing$ max. 180 mm

SPS-150:  
 $\varnothing$  max. 300 mm (with single tool spindle)

## CONTACT

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