

SHL UNIVERSAL MACHINE TYPE EP 550 / DP 550

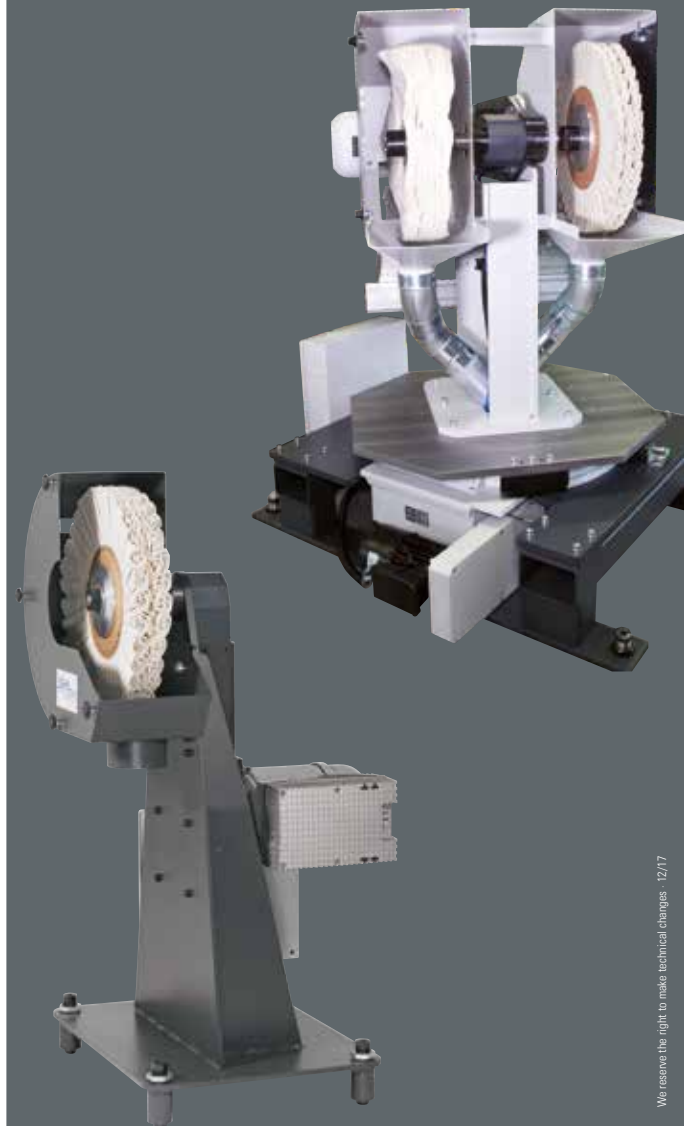
The SHL type EP 550/DP 550 universal machine is engineered for **grinding, Scotch-Brite, deburring, and brushing processes.**

The machine is controlled via the central SHL switch cabinet incl. HMI. The electrical and pneumatic functions are performed via a FESTO valve terminal (PROFIsafeNET), which is installed directly on the system.

The polishing machine takes into account the particular requirements for polishing machined workpieces and molded parts with steplessly varying speeds. This includes even extremely difficult contours from metal, non-ferrous metals, wood, and plastics.

Special design features

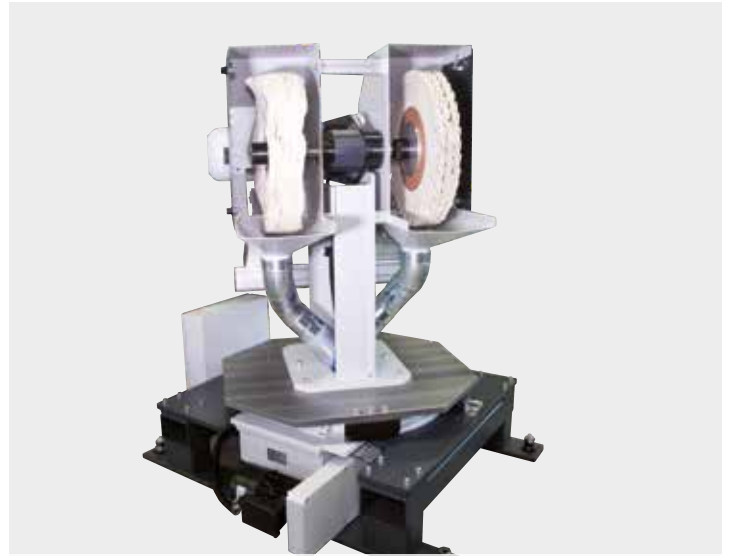
- The rotary speed of the drive spindle can be set using the superordinate SHL HMI user interface. The speed level can also be controlled and preset for the different areas of application via the HMI.
- Optional: Supply with liquid or solid compounds if required.
- Automatic compensation for wear of the polishing disc
- The superordinate HMI ensures through tracking that the point of contact remains constant to a precision of ± 0.5 mm
- Under certain conditions, the contact pressure can be controlled via the HMI
- If the contact pressure is very low or cannot be measured, the feed can be controlled via the number of pieces



TYP EP 550 / DP 550



EP 550



DP 550



Application example: Grinding arm attachment

Grinding arm attachment

More flexibility and universal application for your EP 550/DP 550 polishing unit

The versatile grinding arm attachment allows you to quickly turn your polishing unit into a grinding unit.

Belt width:	max. 100 mm
Band length:	3,000 mm
Contact disc:	Max. diameter 350 mm

Orderable as an option:

Technical Data

Disk diameter:	250 - 550 mm
Motor output:	4.0 kW (optional 5.5 kW)
Spindle diameter:	35 mm (optional 45 mm)
Spindle rpm:	Steplessly configurable approx. 300 – 2,000 rpm
Max. polishing package width:	100 mm
Vacuum extraction connection:	ø 140 mm
Dimensions (LxWxH):	800 mm x 800 mm x 1,500 mm
Paint:	Light grey (RAL 7035) Anthracite grey (RAL 7016)
Power connection:	400 V, 3 phase, 50 Hz
Weight:	350 kg
Required suction performance:	1700m³/h at Δ p= -850 Pa
Liquid abrasive:	Optional
Solid abrasive:	Optional



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