

# SHL-POLISHING MACHINE

## TYPE P 1000 for manual workpiece guidance

This machine is equipped with polishing (buffing) mops up to 1000 mm diameter and enables most flexible polishing with optimum results and few heating of the workpieces.

The polishing (buffing) machine P1000 meets in its construction the special requirements for polishing of profiled workpieces and shaped parts even such with most difficult contours made of metal and non-iron metal, wood and plastics with infinitely variable polishing speed.

### Special technical features

- Micro-processor controlled frequency transformer for infinite variation of the spindle speed
- Digital display of the spindle speed for precise adjustment of the speed level according to the existing application with regard to buffing wheel diameter and the materials to be ground or polished
- Automatic belt retensioning device to keep a constant belt tension at the belt grinding machine
- Motorised belt tracking device operated by push buttons at the grinding machine
- Automatic speed compensation of the polishing machine to keep the polishing speed (the circumference speed) constant in case of reduced mop diameter by mop wearing
- Automatic safety control to switch off the machine when opening the machine door at the mop side



# TYPE P 1000 FOR MANUAL WORKPIECE GUIDANCE

## Technical data

Wheel diameter:	min. 505 mm   max. 965 mm
Motor output:	5.5 kW (optional 7.5 kW)
No. of revs variable	min. 50 1/min max. 700 1/min. at 965 mm max. 1400 1/min. at 505 mm
Spindle diameter:	45 mm
Spindle rpm:	infinitely adjustable   ca. 300 - 700 min <sup>-1</sup> (refers to wheel- $\phi$ of 1000 mm)
Spindle height:	approx. 700 mm
Max. buffing pack width:	150 mm
Suction connection:	$\phi$ 140 mm
Dimensions (L x W x H):	1056 x 1020 x 1265 mm
RAL colours:	7035 / 7016
Electr. connection:	400 V, 3 phase, 50 Hz
Weight:	500 kg
Required suction performance:	V = 1700 m <sup>3</sup> /h at $\Delta p = -850$ Pa



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Grinding



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