

SHL-FREE-BELT AND CONTACT WHEEL BELT GRINDING MACHINE TYPE FKS 250/450 for manual workpiece guidance

This machine has a free belt grinding area between the two front side belt guiding wheels and the contact wheel. As an option, the contact wheel can be moved forward and return, so that a large free belt area is available, when the contact wheel is moved back.

The SHL-Belt-Grinding-Machine Type FKS 250/450 is suitable for flexible grinding operations at the free belt as well as for heavier grinding operations at the contact wheel which requires a high abrasive grinding capacity.

Special technical features

- Micro-processor controlled frequency transformer for infinite variation of the spindle speed
- Automatic belt retensioning device to keep a constant belt tension at the belt grinding machine
- 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
- Manual belt tracking device
- Automatic safety control to switch off the machine when opening the machine door at the mop side



TYPE FKS 250/450 FOR MANUAL WORKPIECE GUIDANCE

Technical data

Wheel diameter:	350 mm
Motor output:	4 kW (optional 5.5 kW)
Spindle rpm:	min. 300 1/min. max. 3500 1/min.
Spindle diameter:	35 mm
Spindle height:	732 mm
Grinding belt length:	3500
Max. grinding belt width:	100 mm (optional 150 mm)
Free belt:	yes
Electr. connection:	400 V, 3 phase, 50 Hz
Belt tension:	min. 0.3 bar / max. 7 bar
Pressing pressure:	min. 0.0 bar / max. 7 bar
Suction connection:	140 mm
Dimensions (L x W x H):	750 x 720 x 1323 mm
RAL colour:	7035 / 7016
Weight:	500 kg
Required suction performance:	V = 1700 m ³ /h bei $\Delta p = -850$ Pa
Spindle attachment	yes, optional



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