

Surface Technology

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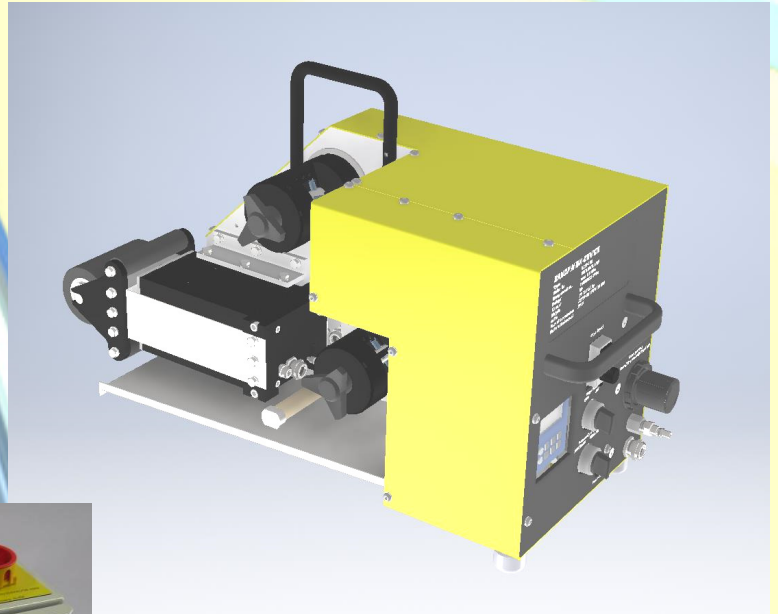
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Bandfinisher BF30-100

Standard Version

with constant
Band feed
adjustable on the device



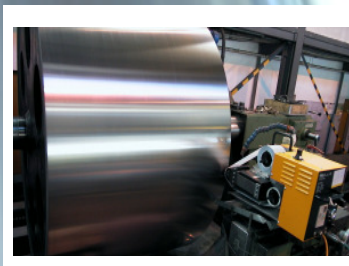
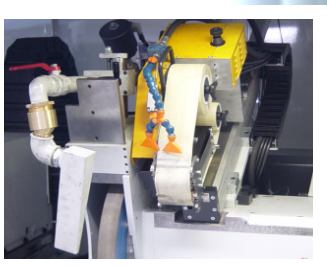
Standard Version



*optional with PLC-Control

Comfort Version

with user-friendly
PLC-control
and various programs



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Function Principle of the Bandfinishing Device

The bandfinishing device manufactures to work pieces /e.g. / shafts a defined surface structure for optimal sealing, gliding or running features.

The roughness of the surface will be determined exclusively by the grain size of the finishing film.

By varying the contact pressure, the oscillation velocity and making use of the corresponding finishing film the needed surface structure will be reached.

Equipment and features of the Bandfinishing Device

Bandfinish Unit with the following standard equipment:

- Standard device right hand version
- Oscillation OSC head with both sided storage
- OSC eccentric 2 mm (stroke 4 mm)
- Contact roller 65° Shore A
- Constant tape feed
- Monitoring equipment back position¹⁾
- OSC monitoring¹⁾

Options alternatively selectable

- device left hand version
- OSC head with one side storage
- OSC eccentric 0,5; 1; 3 mm or other on request*
- Contact roller 35°, 50° or 80° Shore A

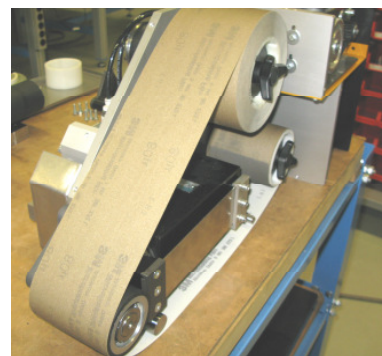
* max. size 3 mm

Additional equipment with extra charge

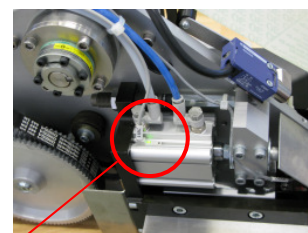
- Tape break switch
- special paint in desire RAL color
- Early indicator tape end¹⁾ and Remaining tape display analog¹⁾
- electrical connection via a socket housing with connection cable 5 m on both sides 26pin plug¹⁾
- electro pneumatic pressure regulator¹⁾

¹⁾ only available in the comfort version

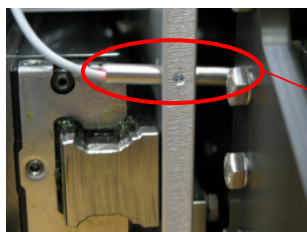
Prices on request



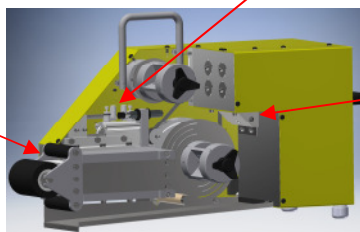
Option OSC head with one side storage



Monitoring equipment back position¹⁾



OSC monitoring¹⁾



Sensor positions



tape feed sensor

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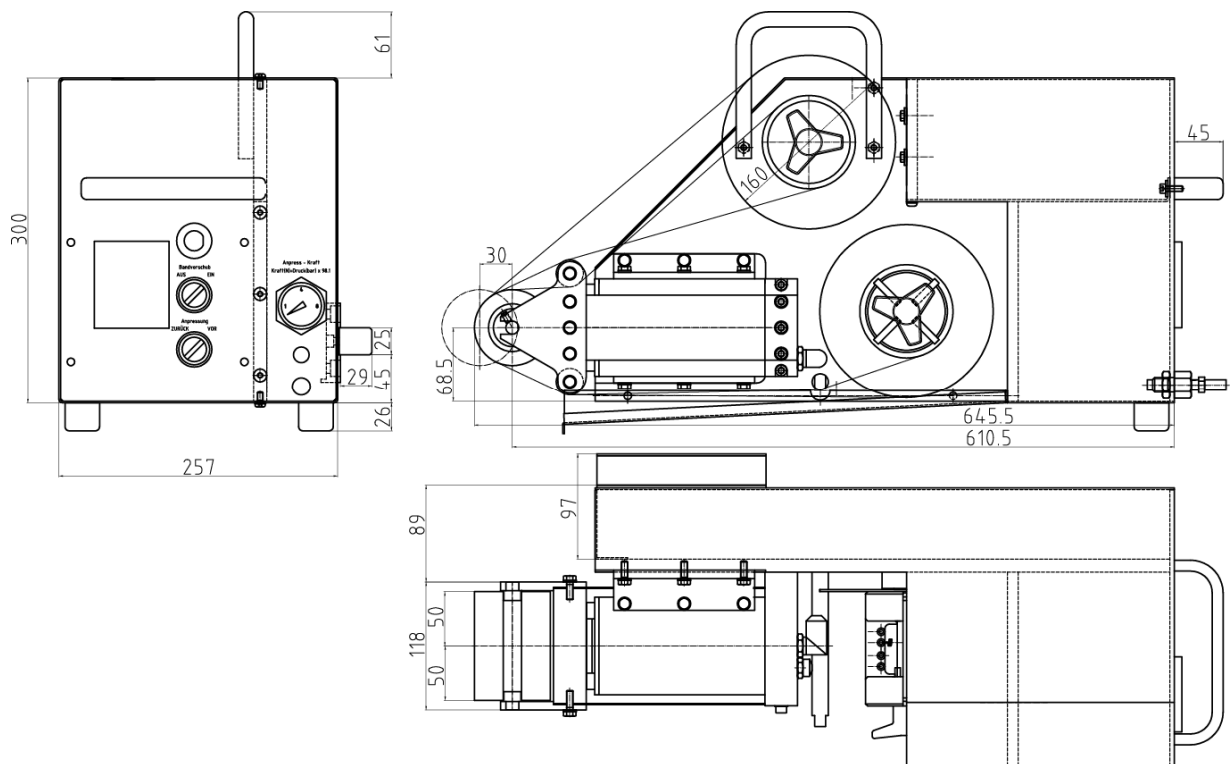
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Technical Data

Version	Standard	Comfort
Oscillation frequency:	1 - 40 Hz (60 - 2400 Hub/min), can be deactivated	
Oscillation eccentric:	0,5; 1; 2; 3 mm	
Oscillation stroke:	+/- 1.0 mm (to max. +/- 6 mm)	
Band feed:	5 - 200 mm/min constant, can be deactivated	
Compressed air:	max: 0.9 MPa	
Weight:	43,5 kg	42 kg
Stroke of contact roller:	ca. 30 mm	
Width of contact roller:	100 mm (150 mm*)	
Hardness of contact roller:	35°, 50°, 65°, 80° Sh A	
Contact pressure, max.:	1100 N, (1750 N*)	
Electrical supply:	1x230 V / 50 Hz (1x120 V / 60 Hz*)	
Control:	mounted in the device	via separate PLC-control with program storage

*Optionally available

Standard version with double-sided storage of the contact roller



Optional Oscillation Head one-sided storage

