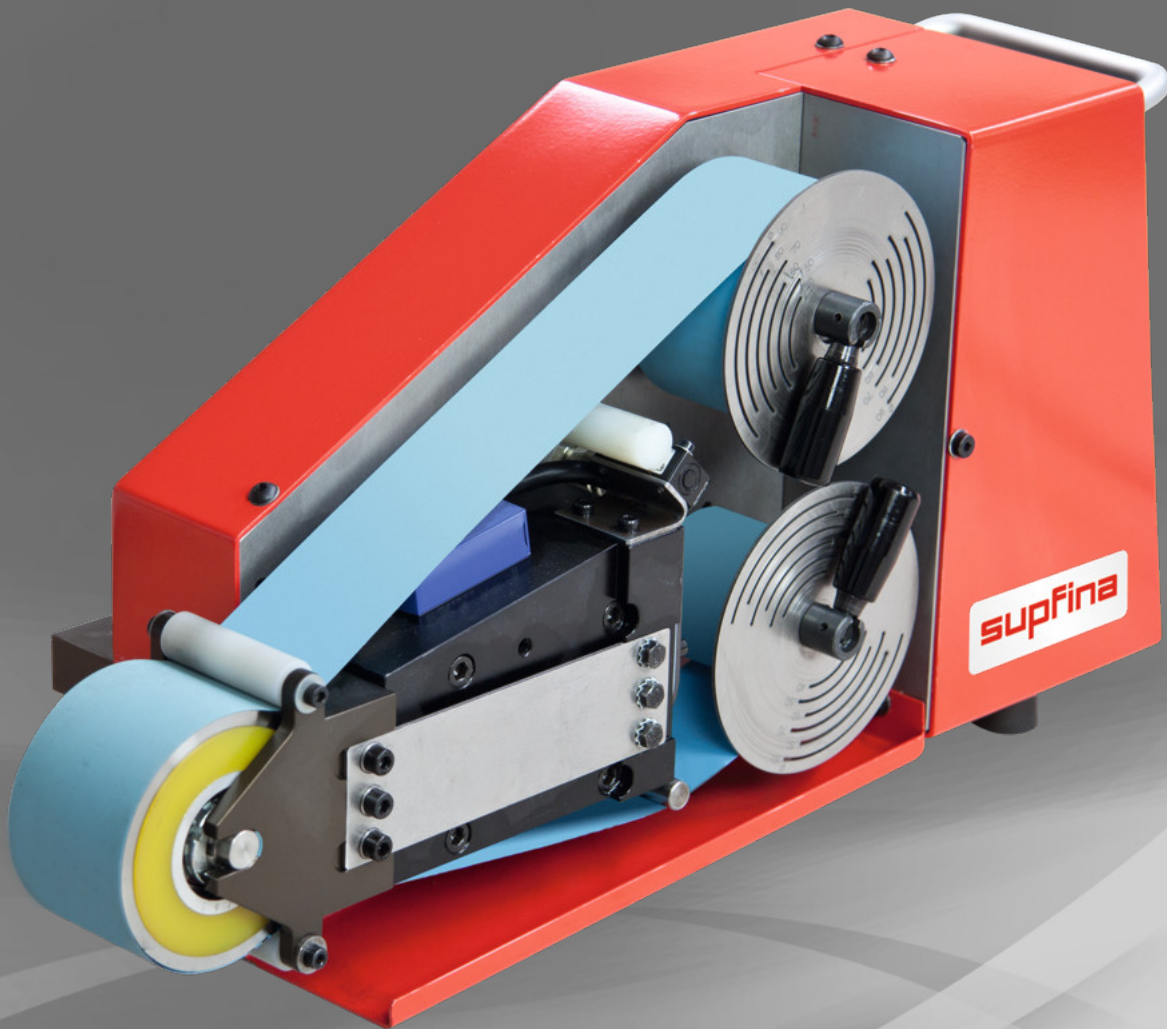
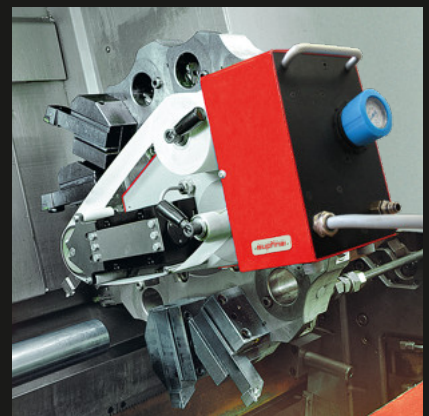




Easy-to-handle tape superfinishing attachment for fixing to or incorporating in carrier machines for machining one-off parts through to large-run series. Besides dry superfinishing, it is possible to use a coolant system with oil and emulsion.

Superfinishing Attachment 210



Superfinishing Attachment 210

supfina

Technical Specifications	Supfina 210	
Frequency DH/min, min / max	300 / 1600	
Amplitude in mm	+/-1	
Air pressure in bar	max. 7	
Weight in kg	19	
Contact stroke in mm	30	
Tape widths in mm	10 – 50	
Contact force in N	max. 280	
Operating voltage	100 – 240V	50 – 60Hz
Driving power	0,2 kW	
Mounting orientation	0 – 90°	
Device options for control box ...	manual	automatic
Left-handed version	○	○
Tape rupture or end	○	○
Contact roller with one fixed bearing	○	○
Device start via start pulse and 6-pin Harting connector	–	○
OPC-UA for data exchange with customer's control system or computer	–	○
Tape feed and oscillation switch-off	✗	✗
Tape feed monitoring	–	✗
Oscillation monitoring	–	✗
Machining time set via the display	–	✗
Machining time for roughing and finishing set via the display	–	✗
Tape feed compensation	–	✗
Symbol explanations: ○ optional – not available ✗ inclusive		

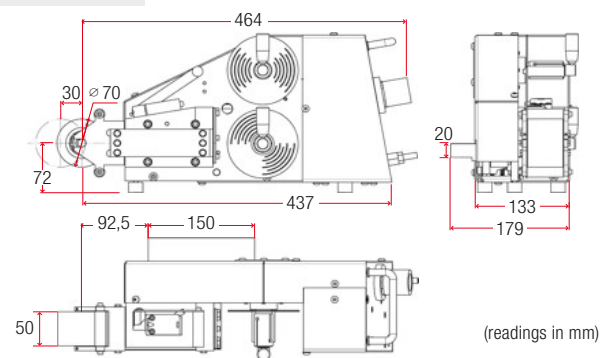
The Superfinish 210 series attachments are designed for industrial use. The units with manual control are suitable for single part and small batch production, the units with automatic control for large batch production. The oscillation frequency is generated mechanically and guarantees a good running smoothness.

The automatic version is equipped with Siemens S7-1200 control and Simatic KTP400 Basic Panel. The control can store up to 12 workpiece programs with 10 cycles each. All parameters can be set via the touch screen.

The following functions, among others, can be automated via the control:

- Oscillation stop for twist-free surfaces.
- Tape feed stop for fine surfaces (finishing)
- Intermittent tape tracking for special tools

Supfina 210



Accessories



Controllers enable the superfinishing attachment to be remotely controlled and set up, e.g. selecting the oscillation frequency and machining time.



Switch cabinet accessories, such as servo-amplifiers, PLC or CNC software solutions can be planned and quoted to order.



Supfina **guarantees** you objective advice which includes not only the choice of the best superfinishing tools but also all factors influencing the production process.



Contact rolls; the standard roll hardness supplied can be selected from 35°, 50°, 65° or 80° Shore on request. Contact rolls can also be supplied with a floating bearing.

Engineering with High Precision



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