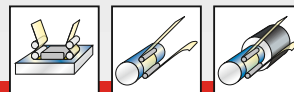
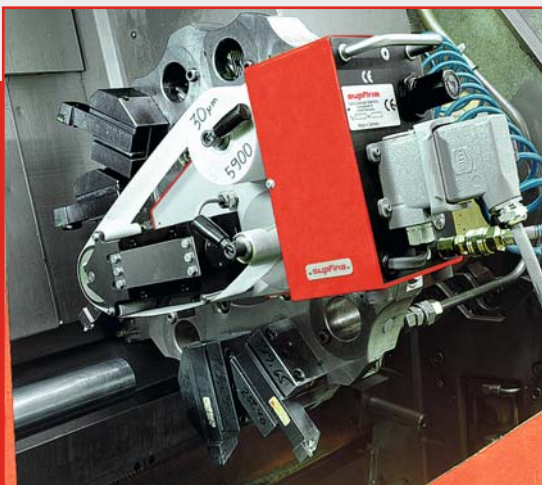
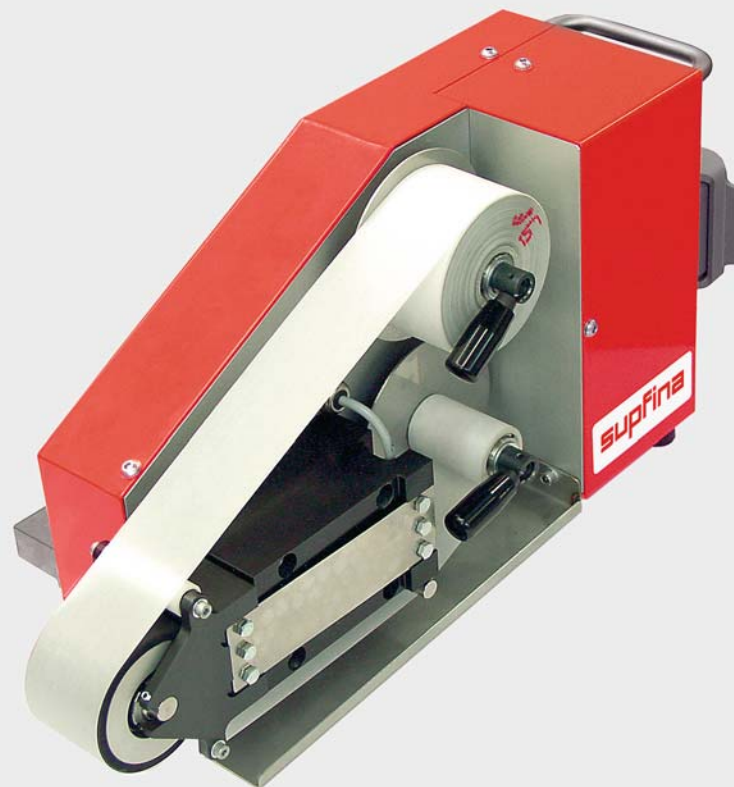


Superfinishing Attachments Series 210/211



Electrically powered tape finishing attachment for mounting to small, medium and large carrier machines to enable superfinishing of ground and fine-turned surfaces. Can also be used in CNC machine tools fitted with a turret.

Superfinishing Attachments Series 210/211

supfina

Series 210/211 superfinishing attachments are designed specifically for industrial use. The Supfina 210 model is designed for use on conventional lathes while the Model Supfina 211 is for integration into CNC machines. The oscillation is mechanically generated and has remarkably smooth running characteristics. Apart from the standard amplitude of +/-1mm, additional smaller amplitudes are available as options.

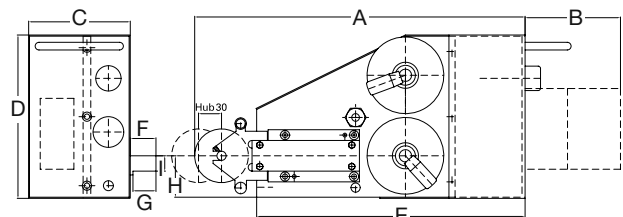
Technical Specifications Version	Supfina 210		Supfina 211	
	IP54	IP54	IP54	IP66
Frequency	0 – 30 Hz	0 – 30 Hz		
Amplitude in mm	+/-1	+/-1		
Air pressure in bar	max. 7	max. 7		
Unit weight in kg	20	12		
Contact stroke in mm	30	30		
Tape widths in mm	10 – 50	10 – 50		
Contact pressure in N	max. 280	max. 280		
Operating voltage	230 V/50 Hz	230 V/50 Hz		
US Version	110 V/60 Hz	110 V/60 Hz		
Drive wattage	90 W	90 W		
Mounting orientation	0 – 90°	0 – 90°		
Options				
Chip/swarf guards	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Tape break/end monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tape index monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Oscillation monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
End-position switch				
Left-hand configuration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Symbol explanations: <input type="checkbox"/> optional <input checked="" type="checkbox"/> not available <input checked="" type="checkbox"/> standard equipment				

Superfinish Know-how

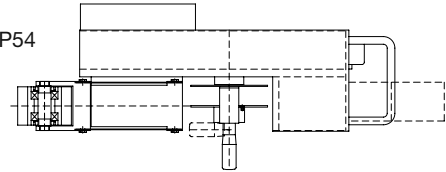
Our customer service personnel are also specially trained in superfinishing abrasives. The expert advice of a specialist can often eliminate manufacturing problems and minimize expensive experimentation.



Dimensions		Supfina 210		Supfina 211	
Version		IP54	IP54	IP66	
in mm	A	445	445	511	
	B	45	45	50	
	C	149	149	171	
	D	213	213	213	
	E	350	350	244	
	F	33	33	33	
	G	30	30	30	
	H	54	54	60	
	I	20	20	20	



pic. Supfina 210 IP54



Accessories

Controllers enable the superfinishing attachments to be remote controlled, e.g. for pre-setting an oscillating frequency.



Switch cabinet accessories, controller cards and PLC or CNC software solutions can be planned and quoted to order.



Supfina **guarantees** independent consulting, which considers not only the choice of superfinishing abrasives, but also all factors affecting your production.



Contact rolls; the standard roll hardness supplied can be selected from 35°, 50° or 65° Shore on request.

