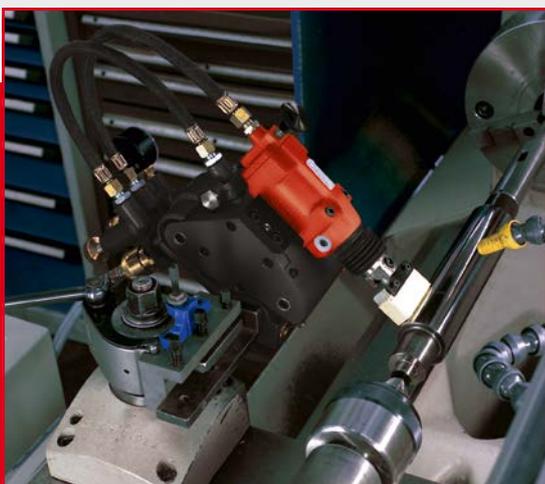# Superfinishing Attachments
Series 110/120

supfina

Pneumatic Superfinishing attachment for mounting on small and medium sized carrier machines for Superfinishing of ground and turned surfaces. In addition to cylindrical components, the attachment can also be used on flat, lightly convex or lightly concave surfaces and bores.
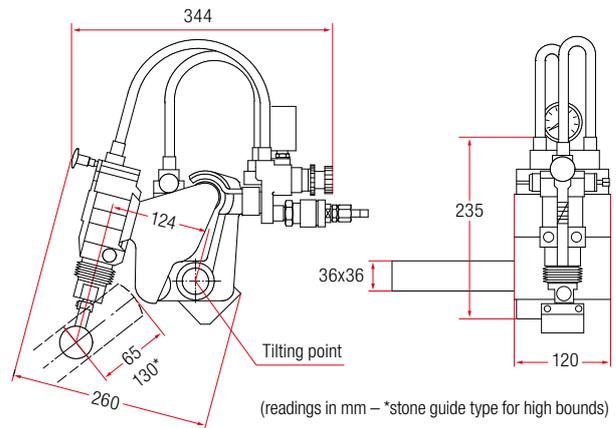
Superfinishing Attachments
Series 110/120

The superfinishing attachments from the series 110/120 were designed for daily use. The rugged, pneumatically operated oscillator works with resistant transfer elements to ensure ballanced running. The complete oscillator drive runs on precision ball guides which ensures a precise parallel movement to the workpiece surface.

The oscillation frequency and the vibration amplitude are adjusted with a valve. The stone guides are actuated pneumatically and the contact pressure of the super-finishing stone is finely adjustable. The wear of the superfinishing stone is automatically compensated for.

Supfina 110

344
124
65
130*
260
Tilting point
235
36x36
120

(readings in mm – *stone guide type for high bounds)

Technical Specifications	Supfina 110	Supfina 120
Frequence DH/min, max	2200	3200
min	2000	2800
Amplitude in mm	±1.5–2.5	±0.75–1.25
Air pressure in bar	4	4
Air consumtion in Nm³/h	5–7	5–7
Weight in kg	12	11.8
Stone guide type	21.01	21.01
Extra stone guide type for high bounds	21.10	21.10
Stone guide stroke in mm	25	25
No. of stone guides	1–2	1–2
Piston surface in cm²	10	10

Accessories

Double and triple stone holders are available upon request, for larger workpiece diameter.

Stone holders for internal machining of bores with a diameter down to 45 mm and bore depth up to 140 mm.

Coolant Filter Unit
The superfinishing process requires ample flushing to the work surface. A built in filter ensures that the flushing agent will remain clean.

Various **stone holder** and **reducing adapters** available.

Superfinish Know-how

... in all applications with highest economical, ecological and efficient requirements for high-end surface and geometry qualities. You require technology consulting? Contact us.

Surface Finishing Systems
www.supfina.com