

MICROSTREAM ABRASIVE FLOW MACHINE COMFORT LINE

The Comfort line of our abrasive flow machining systems is suitable for **single workpieces** as well as **small and medium batches**. Comfort Line is designed in accordance with the current safety and environmental guidelines.

AFM systems produce top results for precision deburring, edge contouring and polishing.



Model 1



Model 2

Characteristics:

Highest precision / Optimum quality / Enormous time saving compared to manual deburring processes / Repeatable results / Independence from geometrical shapes

Comfort Line is also available in a slim, space-saving design.

Equipment:

- + Ergonomic terminal with Siemens 12" touch screen and TIA control
- + 7.5 kW Hydraulic aggregate
- + Safety light curtain
- + Displacement measuring system
- + Media spatula, T-piece, Pipe for light curtain test
- + 1x Service pack
- + Media pre-warming device
- + Streamer Heating-/ Cooling systems Comfort Line [incl. Streamer temperature control]
- + Teleservice eWON COSY

Options:

- + Manual shuttle table for heavy workpieces
- + Service pack:
 - 4x Media piston seals
 - 2x Media piston guide tapes
 - 2x Oil filters
 - 4x O-rings for the spacers
- + Air conditioning for control cabinet
- + Reducing kit

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COMFORT LINE**

Technical details:

Type:		75	100	130	160	200	250
Cylinder size	mm	75	100	130	160	200	250
Piston stroke	inch / mm	12 / 305	12 / 305	12 / 305	12 / 305	12 / 305	12 / 305
Media pressure max.	psi / bar	≤ 1 450 / ≤ 100					
Clamp force per cylinder	lbf / kN	2 135 / 9.5					
Workspace	inch / mm	Model 1: 27.55 x 22.83 / 700 x 580 Model 2: 27.55 x 26.38 / 700 x 670					
Opening width min.	inch / mm	7.5 / 190					
Opening width max. <small>w/o shuttle, w/o cooling</small>	inch / mm	19.3 / 492					
Height	inch / mm	106.3 / 2700					
Width	inch / mm	Model 1: 72.44 / 1 840 Model 2: 44.88 / 1 140					
Depth	inch / mm	Model 1: 71.65 / 1 820 Model 2: 74.40 / 1 890					
Work table height over plateau	inch / mm	39.37 / 1 010					
Weight	lbs / kg	4 410 - 5 500 / 2 000 - 2 500					
Media quantity weight	lbs / kg	~ 4.4-15.4 / ~ 2-7	~ 7.7-19.84 / ~ 4-9	~ 12.8-24.25 / ~ 6-11	~ 19-30.86 / ~ 9-14	~ 23.2-41.89 / ~ 14-19	~ 46.5-55.11 / ~ 21-25
Voltage		400 V / 50 - 60 Hz					
Pre-fusing max.	A	16					
Power hydraulic engine	kW	7.5					

Pictures are for information purposes only. We reserve the right to change design or technical details without further information.

EVERYTHING FROM A SINGLE SOURCE

Take advantage of the **synergy effects** that result from our integration into the **PÜTZ GROUP!**
In addition to surfaces finishing technologies as well as industrial cleaning technologies, we can also offer you the right testing technology to test surfaces and dimensional accuracy.

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