

## MICROSTREAM ABRASIVE FLOW MACHINING PERFORMANCE LINE

Abrasive flow systems of the **Performance Line** series are suitable for **series production of large workpieces**.

### Characteristics:

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



Component of aircraft engine



Abrasive flow system: Performance Line



### Equipment:

- + Siemens TP1200 touch screen with TIA portSafety light curtain
- + High Performance hydraulic oil cooling system
- + Streamer Heating-/ cooling systems (GLYCOL) with temperature control (automatic +/- 5°C)
- + Streamer Media heating system (Homogenization)
- + Streamer Media Reservoir
- + Automatic Powered Double Shuttle Table
- + Automatic counter pressure
- + Teleservice unit (diagnosis, trouble shooting)
- + Hydraulic oil supply
- + Streamer spatula + T-tool

### Options:

- + EVO I Software Upgrade - network connection + diagnosis
- + EVO II Streamer Media management and reconditioning system
- + Heating jackets for lower cylinder
- + Air conditioner for control cabinet
- + Improved oil cooler
- + Service Pack:
  - 3 media cylinders,
  - 3 media pistons,
  - 20 O-rings,
  - 4 oil filters,
  - 1 LED light

**MICROSTREAM® ABRASIVE FLOW MACHINING  
PERFORMANCE LINE**

**Technical details:**

Type:		300	400	600
Cylinder size	mm	300	400	600
Piston stroke	mm	500	500	500
Media pressure	psi	650	464	348
Clamp force per cylinder	kN		9.5	
Theoretical piston speed per cylinder forward max.	m/sec		1.2	
Height max.	inch		138	
Width	inch		114	
Depth	inch		114	
Diameter max.	inch		47.75	
Opening width min.	inch		8.50	
Opening width max.	inch		34.75	
Work table height over plateau	inch		39.75	
Weight	lbs		13 300 – 17 700	
Media quantity volume	US.liq.gal	44.2	66.4	88.5
Media quantity weight	lbs	664	995	1 330
Voltage		3 Ph. 400 V / 50 – 60 Hz		
max. Pre-fusing	A		32	
Power Hydraulic Motor	kW		7.5 kW	

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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