

Extrude Hone

AFM • Abrasive Flow Machining

PROFILE

Versatility and economy

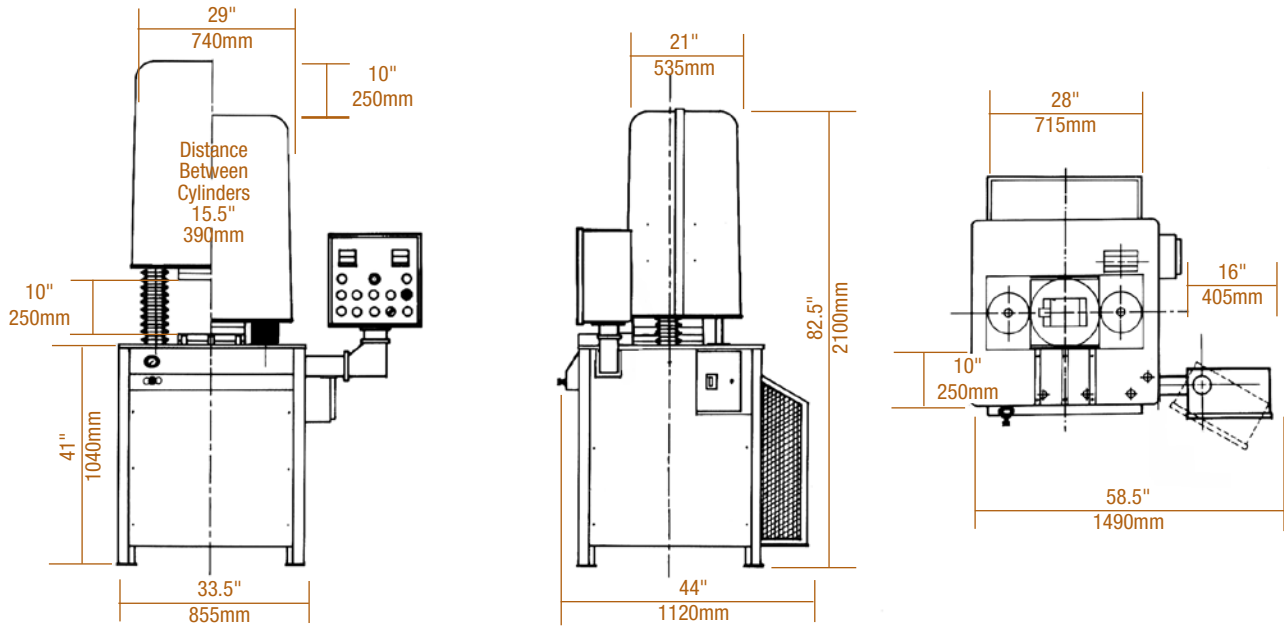
The PROFILE Series Extrude Hone machine is designed for the small die maker or job shop owner. Versatility is the word that best describes the PROFILE Series machine. This machine can be ordered with 3", 4", 6", or 8" media cylinders sizes. The smaller diameter machines are ideal for processing carbide dies, while the 6" and 8" models offer the efficient polishing of aluminum extrusion dies and job shop quantity part finishing.

Contact your Extrude Hone representative to discuss how the PROFILE Series abrasive flow machine can bring precision surface and edge improvement to your shop.



Features and Benefits

- Ergonomic and user friendly**
Ease of use and reduced worker fatigue.
- Fast setup and change of media**
Generously dimensioned machining area for large workpieces and rapid tool change.
- Controlled production**
Control system stores and monitors all major process data.
- All process data at a glance**
Touch screen interface for easy operation and setup.



SYSTEM CONFIGURATIONS

	media cylinder diameter	media stroke length	media capacity	hydraulic cylinder diameter	hydraulic unit flow rate	media flow rate	min/max media pressure	standard power unit
PROFILE 80	3" 80mm	10" 255mm	71 cu. in. 1,2 l	4" 100mm	2.3 GPM 8,7 L/min	1.5 GPM 5,7 L/min	500/3000 psi (34.5/207 bar)	5 hp (3,73 kW)
PROFILE 100	4" 100mm	10" 255mm	126 cu. in. 2,1 l	4" 100mm	2.3 GPM 8,7 L/min	2 GPM 7,6 L/min	150/2000 psi (10/140 bar)	5 hp (3,73 kW)
PROFILE 150	6" 150mm	10" 255mm	283 cu. in. 4,6 l	4" 100mm	2.3 GPM 8,7 L/min	5.2 GPM 19,7 L/min	150/880 psi (10/61 bar)	5 hp (3,73 kW)

Standard Power Unit

Reservoir capacity	15 gal (56,7 l)
Pump capacity	@1750 RPM 5 GPM
Pressure	350/2000 psi

Clamping Cylinders

Bore diameter	4" (101,6mm)
Stroke	10" (254mm)

Electrical

Voltage	230 440 VAC
Motor	5 HP
Peak amperage	15/7.5 amps
Power required	3.2 4.1 kVA

Controls

PLC controller	Allen-Bradley
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Weight

Machine	Average: 2500 lbs (1150 kg)
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NOTE: Specifications and availability are subject to change without notice.



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