



# AFM Abrasive Flow Machining



# EASYFLOW

**The new machine fits in minimum budgets and delivers maximum performance.**

EASYFLOW polishes your dies up to the ultimate performance level. With large capacity, strong hydraulic power, the ability to process large dies, and astonishing simplicity, EASYFLOW brings your production a step forward in competitiveness. Save time and money. Invest now in state-of-the-art economical die polishing machine directly from the inventor of the Abrasive Flow Machining process – Extrude Hone – a name you can trust.

## FEATURES and BENEFITS

- + **Media cylinder**  
Available with different size of media cylinders: 6" (150mm), 8" (200mm), or 10" (250mm).
- + **Media stroke**  
Stroke is 12.5" (320mm).
- + **Media flow rate and pressure**  
Flow rates are between 19 and 53 L/min and pressure up to 1450 psi (100 bar) with 6" (150mm) media cylinder.
- + **Clamp system**  
Fully hydraulic clamp system with maximum opening of 21.6" (550mm).
- + **Control panel**  
Equipped as standard with Siemens control and 7.5" Siemens touch screen.





# TECHNICAL INFORMATION

## AFM EASYFLOW



### MACHINE SPECIFICATIONS

#### Dimensions:

(W x D x H machine body)	1350 x 1900 x 2300mm (53.15 x 74.8 x 90.5")
(W x D x H cylinder head up)	1350 x 1900 x 2600mm (53.15 x 74.8 x 102.4")
Weight	2000 kg (4400 lbs)
Table height	1040mm (41")
Working area surface (W x D)	865 x 760mm (34 x 30")
Maximum weight supported by the table	300 kg (660 lbs)

#### Clamping System:

Stroke	500mm (20")
Max opening	550mm (22") without tooling plates
Min opening	46mm (1.8") without tooling plates
Working distance between clamp columns	865mm (34.1")

Media System:	150	200	250
Media cylinder diameter	150mm (6")	200mm (8")	250mm (10")
Media stroke length	320mm (12.5")		
Media capacity	5,6 l/7,3 kg (345 cu.in.)	10 l/13 kg (613.5 cu.in.)	15,7 l/20,4 kg (958.5 cu.in.)
Max media pressure	100 bar (1,450 psi)	61 bar (885 psi)	41 bar (595 psi)
Min media pressure	10 bar (145 psi)	6 bar (87 psi)	4 bar (58 psi)
Media flow rate	19 L/min (5 GPM)	34 L/min (9 GPM)	53 L/min (14 GPM)

#### Hydraulic Unit:

Maximum pressure	100 bar (1,450 psi)
Pump flow rate	19 L/min (5 GPM)
Tank capacity	130 l (34.5 gal)

### ELECTRICAL SPECIFICATIONS

The machine is PLC controlled with Siemens S7-200. Equipped with 7.5" MP277 touch screen interface from Siemens. Electrical (EU and Asia) 400 VAC, 3 Phase +N +PE, 50 Hz. Electrical (North America) 230/460 VAC, 3 Phase, 60 Hz. Control 24VDC. Installed power/amperage peak 10 kVA/25A. Status light: Red – Amber – Green

### MACHINE FEATURES

Strong welded frame with large table working area. Built-in hydraulic group and electric cabinet at the rear. Aluminum cooling wraps around top and bottom media cylinders (to be connected to a cooling unit not included). Cycle and volume media parameters, manual pressure adjustment.

### AVAILABLE OPTIONS

Chiller unit.  
Table or stand alone blowing unit.  
Table ultrasonic unit.  
Media cylinder size (150mm, 200mm, or 250mm).



NOTE: Specifications and availability are subject to change without notice.