



Micro Abrasive Blasting Technology



Model HME

Micro Abrasive Jet Machine

FEATURES

- **Patented vibratory feed system for uniform media flow and precise control**
- **Intermittent or continuous duty capability**
- **Extra large capacity powder chamber**
- **Pinch valve shutoff with wear detector**
- **Long life fittings at critical wear points**

The AIRBRASIVE® Model HME gives high volume producers the ability to micro blast parts on production lines or in labs. This sturdy machine has been designed to accommodate both intermittent (foot switch activated) or continuous operations.

Powder flow lines are reinforced with tungsten carbide fittings for the utmost reliability in a continuous operation. It utilizes our patented vibratory feed for

uniform powder flow. Powder flow is adjusted via our powder flow and pressure controls on the front panel.

Added to this machine is an auxiliary powder chamber monitored for powder level. Once it falls below a certain level, an indicator light tells the operator to fill the auxiliary chamber with powder. This guarantees consistent powder flow for continuous operation.

AIRBRASIVE® MODEL HME

SPECIFICATIONS

Voltage:	110 volt, 60Hz or 220V, 50Hz
Current:	1 amp
Pressure:	Up to 140 psig
Minimum line press:	50 psig
Air Supply:	5 scfm (2.4 L/sec)
Chamber Capacity:	20 lbs. (9.1 kg) of powder
Powder Flow:	Up to 55 grams/min
Orifice plate:	8 holes x 26 mil dia. (0.7mm)
Relief Valve Setting:	140 psig (9.8 kg/sq.cm)
Height:	35.75" (90.8 cm)
Width:	14.75" (38.0 cm)
Depth:	9.63" (25.0 cm)
Weight:	80 lbs. (36.3 kg)

STANDARD ACCESSORIES

Foot switch and 6 ft of hose

Handpiece and 6 ft of hose

Air Supply Hose (5 ft)

Nozzle (0.18" ID, straight)

Nozzle (0.18" ID, right angle)

AccuBRADE 27 Aluminum Oxide Powder (27 micron, 4 LBS)

AccuBRADE 50 Aluminum Oxide Powder (50 micron, 4 LBS)

RECOMMENDED ACCESSORIES

Work Chamber, 110V or 220V

Dust Collector, bag type or cartridge type, ¾ HP, 110V or 220V

Air / Oil Filter

Airbrasive Jet Technologies, LLC

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