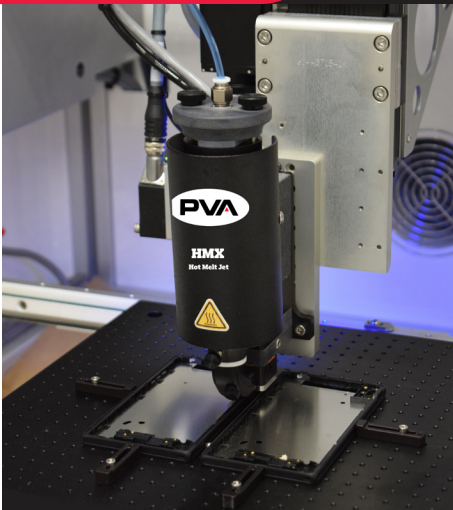




**WHERE  
PRECISION  
DRIVES  
PRODUCTION**



## VALVE SPECIFICATIONS

### Dimensions

61.6mm x 113.3mm x 191.1mm  
(2.43" x 4.46" x 7.52")

### Nozzle Heater

Up to 150°C max

### Fluid Heater

Up to 110°C max

### Speed

Up to 200Hz Continuous Duty

### Viscosity Range

Up to 7,000 cps @ 100°C

### Fluid Pressure

0.5 mpa (75 psi) max

### Jet Pressure

0.2 mpa (30 psi) min  
0.5 mpa (75 psi) max

### Syringe Size

30cc

### Nozzle Sizes

Standard Carbide Nozzle  
0.064 mm, 0.075 mm, 0.100 mm, 0.125 mm, 0.150 mm,  
0.200 mm, 0.300 mm, 0.400 mm

Carbide Capillary (2mm)

0.125 mm, 0.200 mm

Carbide Capillary (6mm)

0.075 mm, 0.125 mm, 0.200 mm

## HMX Hot Melt Jet

The HMX Hot Melt Jet System is specifically designed for high temperature operation. The dual independent temperature controllers for the jet and the melter allow the nozzle to be heated to optimum jetting temperature. The nozzle and syringe heaters provide jetting temperatures up to 150°C.

The single easily replaceable diaphragm eliminates dynamic fluid seals among other jets and ensures contamination-free operation. The disposable feed tube also provides for easy cleaning and quick syringe exchange. The feed tube locking feature also allows for swapping a preheated syringe to avoid interruption during production.

The HMX has many integrated features including:

- Advanced high-temperature diaphragm with tungsten carbide tip
- Designed for quick and easy cleaning
- Hot melt dispensing up to 150°C
- Readily achievable 0.4mm lines
- Line speeds up to 100 mm/sec
- Disposable feed tube
- Dual independent temperature controllers to optimize jetting performance

For more information, please contact PVA at [info@pva.net](mailto:info@pva.net) or (518) 371-2684.

# HMX Mounting Dimensions

