

# MPI 74-1500

... a high pressure metal mold wax injector with vacuum.

Increase your pattern to pattern consistency.

The MPI 74-1500 is designed to produce accurate, repeatable wax patterns. It utilizes high-pressure metal mold technology resulting in significant advantages over other injection techniques.



- Compact self-contained unit
- User-friendly front control panel
- Precise control of wax temperature, pressure, flow, and time
- Controls both wax reservoir and nozzle temperatures
- Mold is clamped external to the machine
- The mold is held against the nozzle pneumatically
- High-pressure wax injection up to 1500 psi (103 bar)
- Fully automatic cycle
- Can inject with or without vacuum
- Vacuum chamber encloses mold and clamp



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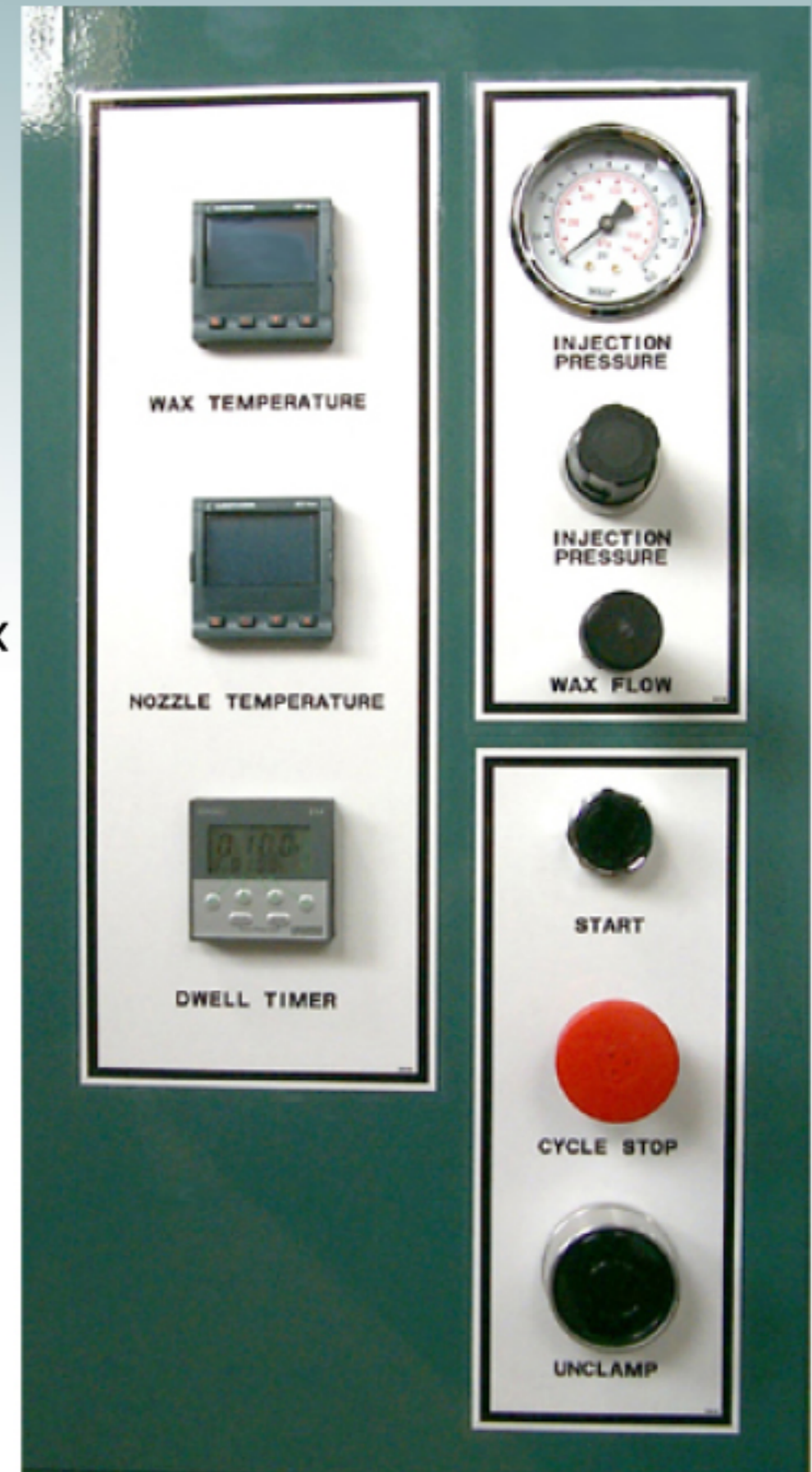
## Machine Operation

- Clamp the mold with customer supplied clamp
- Locate mold against the nozzle
- Start the automatic cycle
  - A. Using Vacuum - close the vacuum chamber which initiates the auto cycle
  - B. Without Vacuum - push the start button



## More Control

Controls for wax temperature at reservoir and nozzle, injection pressure, cycle time, wax flow, easy to read and simple to adjust.



## MPI 74-1500 Specifications

	US	Metric
Overall Height	24 in	610 mm
Overall Width	26 in	660 mm
Overall Depth	31 in	787 mm
Max Die Size (LxWxH)	5 x 6 x 3 in	127 x 152 x 76 mm
Injection Pressure	50 - 1500 psi	3.5 - 103 bar
Air Requirement	120 psi	8.3 bar
Electrical Standard	110V, 1ph, 60Hz	110V, 1ph, 60Hz
Vacuum Requirement	25 in of Hg	635 mm of Hg

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