

BETA 800A**Vertical Injection Single Working Station Compact Machine**

LPMS® machines are engineered for low pressure molding, using specialty resins to encapsulate delicate parts, like automotive electronics, PCBA, coil, fiber-optic, LED lighting, cable, etc.

The benefit of vertical injection is that when smaller parts allow the cavity to be split into two or four cavities. This allows shorter runners and higher output per cycle. It's suitable for multiple cavity mold for cable, wire harness, LED, etc.



Features

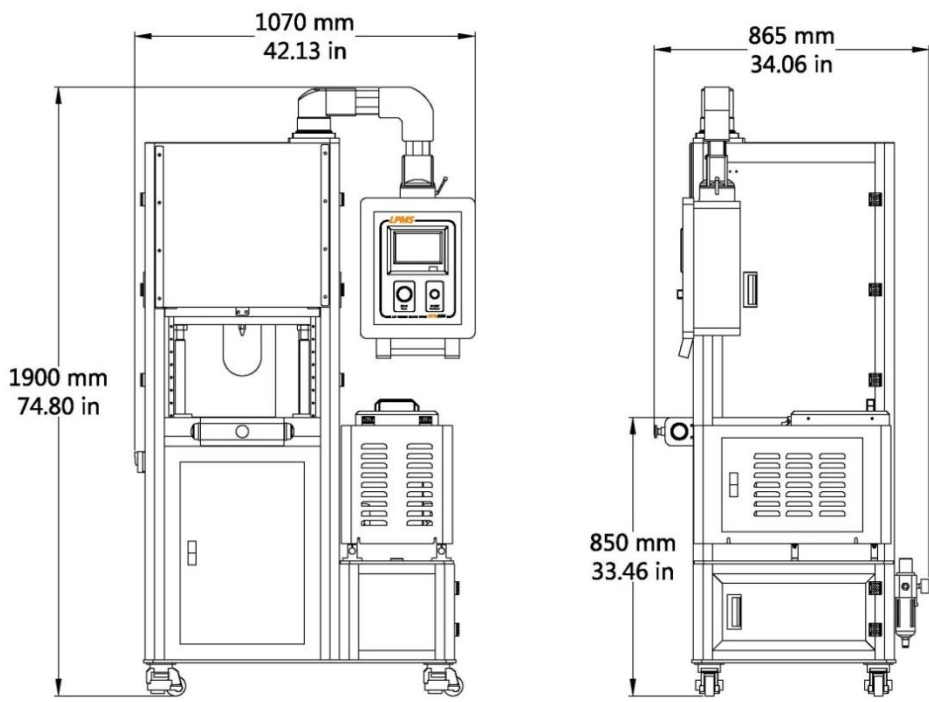
- 7 liter melting tank integrated into machine.
- LPMS specially designed melt-on-demand tank can melt down the resin swiftly and evenly.
- The gear pump is made of hard-wearing material , which is stable , injection volume accuracy $\pm 0.1g$, maximum shot size is 5g/s.
- Linear scale it' s precise for mold clamping, does not need to adjust the reed switch position.
- Injection pressure range 1~50kg, which is controlled by pneumatic safety valve.
LPMS also have option like electronic safety valve, which means the injection pressure can be set more precisely from the PLC.
- 7" HMI , which is on the rotary operator.
- Three thermal control zones for precise melt control.
- See-thru clamp shield and dual palm buttons for operator safety.
- Over temperature alarming and automatic heating stop functions.
- Ejection system.

Specification

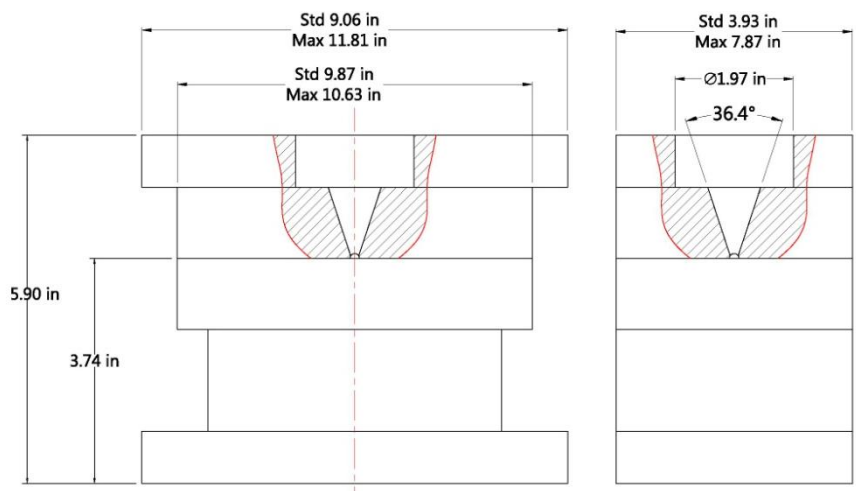
Machine Size / Weight	1070 mm x 865 mm x 1900 mm / 410 kg 42.13 in x 34.06 in x 74.80 in / 903 lbs
Working Station Height	850 mm 33.47 in
Melting Tank	Melt on demand 7 liter x 1
Auto Feeding System	Option
Gun Model & Tip	LPMS-G08 x 1 / 36.4°
Heated Hose	1.6 m x 1
Electricity ¹	200-240VAC / 1 Phase/ 50 Hz
Temperature Control Zones	3
Temperature Range	Ambient up to 250°C / 485°F
Max .Power	4.5 Kw
Min. Air Pressure	0.5MPa 73 Psi
Air Consumption	0.1 m ³ / min 3.5 ft ³ / min
Clamping	Air Cylinder
Clamping Force	Max. 1.2 Tons
Clamping Stroke	150 mm 5.91 in
Control System	7 " HMI , PLC controlled
Safety Protection	See-thru clamp shield, Emergency Stop button
Std. Mold Set Size	230 mm x 120 mm x 150 mm / 25 kg 9.06 in x 4.72 in x 5.91 in / 55.12 lbs

¹ Input power of 200-240 VAC 50/60 Hz single-phase or 380VAC 50/60Hz three phase.

Dimension



Machine dimension



Mold Set Dimension

※ LPMS reserved the right of final explanation. Please forgive that if any change of products will not specify additionally.