

Low pressure overmolding unit

VI 8 A
VI 8 AH

Low pressure vertical injection overmolding unit for Hot melt materials



FEATURES

- Four column press
- Integrated 5l melting tank
- Electronic injection pressure adjustment from 1 to 50 bar (EPR)
- Mold clamping force: 1.2T for VI 8 A - 5T for VI 8 AH
- 3 independent PID temperature control zone $\pm 2\%$
- Weekly switch-on time programming
- Temperature limits with programmable alarms
- Cycle start with safety automatic door and dual palm buttons
- Quick mold replacement
- Mold cooling circuit manifold
- Pneumatic ejection system

OPTIONS

- Automatic Feeding System (AFS)
- Network Interface (Industry 4.0)
- D 10 Resin Dryer
- 7 l melting tank
- Clamping force: 2T for VI 8 A - 10T for VI 8 AH
- CBV 5.1 Chiller

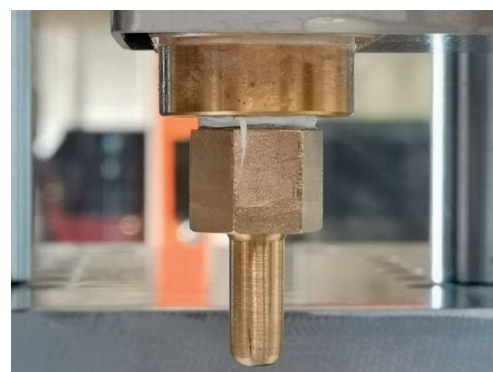
TECHNICAL SPECIFICATIONS

	VI 8 A	VI 8 AH
Mold clamping force	1.2 T (optional 2 T)	5 T (optional 10 T)
Tank capacity	5 l (optional 7l)	
Temperature control zone	3	
Operating temperature	Ambient to 230 °C Max	
Temperature accuracy	$\pm 2\text{ }^{\circ}\text{C}$	
Mold stroke	125 mm	
Control system	Mobile touch screen 7" HMI and PLC with USB connection	
Safety protection	Sliding frontal door	
Air supply	6 bar, 0.18m ³ /cycle	
Power supply	220/240VAC 1P+N+G 380/400VAC 3P+N+G 50/60 Hz 4,5 kW	
Dimensions & Weight	1900 x 1100 x 1000 mm 410 kg	1960 x 1500 x 1000 mm 500 kg
Working plate height	H: 1000 mm + mold height	

CE Conformity: VI 8 A and VI 8 AH are fully compliant with CE regulations and EMC equipment guidelines for mechanical, electrical and electromagnetic compatibility.

Note: we recommend to send samples with the application requirements for a preliminary examination.

The unit works with Technomelt, Thermelt and Macromelt resins and Hot Melt polyamide and polyolefin resins.



Custom nozzle

MOLD DIMENSIONS

