

## Low pressure overmolding unit

**VI 8 B**  
**VI 8 BH**

Low pressure vertical injection overmolding unit for Hot melt materials



Technical specifications are subject to change according to possible needs and without notice.

## FEATURES

- Four column press
- Separated 5l melting tank
- Electronic injection pressure adjustment from 1 o 50 bar (EPR)
- Mold clamping force: 1.2T for VI 8 B - 5T for VI 8 BH
- 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 B - 10T for VI 8 BH
- CBV 5.1 Chiller

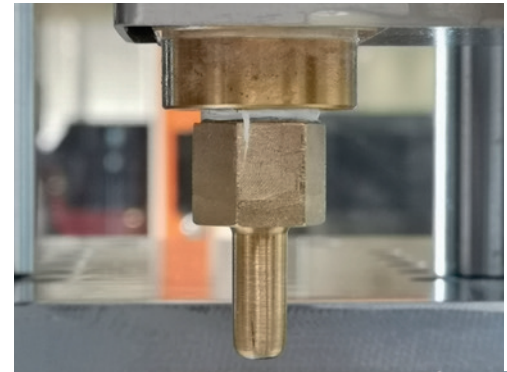
## TECHNICAL SPECIFICATIONS

	VI 8 B	VI 8 BH
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	$\pm 2\text{ °C}$	
Mold stroke	125 mm	
Control system	Fixed touch screen 7" HMI and PLC with USB connection	
Safety protection	Safety barriers	
Air supply	6 bar, 0.18m <sup>3</sup> /cycle	
Power supply	240VAC 1P+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 B and VI 8 BH 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

