

## Low pressure overmolding unit

VI 4 TT

Low pressure vertical injection overmolding unit for Hot Melt materials  
Mold closing press with 3 open sides and shifting mold plate



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

## FEATURES

- Pneumatic shifting mold table
- Steel electro-welded structure
- Possibility to use one upper mold and two lower molds
- Integrated 5 l melting tank
- Electronic injection pressure adjustment from 1 to 50 bar (EPR)
- Mold clamping force 2 T
- 3 independent PID temperature control zones  $\pm 2\%$
- Weekly switch-on time programming
- Temperature limits with programmable alarms
- Cycle start with mechanical safety buttons and light curtain
- Quick mold replacement
- Mold cooling circuit manifold
- Pneumatic ejection system
- Automatic Feeding System (AFS)
- Network interface (Industry 4.0)

## OPTIONS

- Chiller CBV 5.1, cooling mold unit with adjustable temperature
- 7 l melting tank
- D 10 Resin Dryer
- Dual injector unit
- Different size molds can be used. Mechanical adapter to be evaluated

## TECHNICAL SPECIFICATIONS

	<b>VI 4 TT</b>
Mold clamping force	2.0 T
Tank capacity	5 l (optional 7 l)
Temperature control zones	3
Max. tank, gun and hose temperature	250° C
Mold stroke	75 mm
Ejectors force	1000 N
Ejectors stroke	10 mm
Pump flow	5.8 gr / turn
Control system	Touch screen 10" HMI and PLC
Safety protection	Light curtain and two hands control for cycle start
Air supply	6 bar, 0.18m <sup>3</sup> /cycle
Power supply	240VAC 1P+N+G 50/60 Hz 4,5 kW
Dimensions and Weight	120 x 140 x 210 cm / 380 kg
Working plate height	H: 1000 mm + mold height

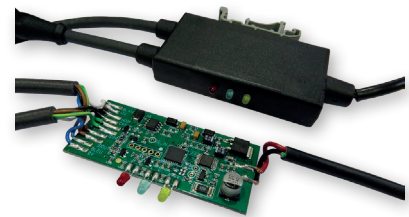
**CE Conformity:** VI 4 TT is fully compliant with CE regulations and EMC equipment guidelines for mechanical, electrical and electromagnetic compatibility.

**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.



Shifting Mold Table



## STANDARD MOLD DIMENSIONS

