

Low pressure overmolding unit

VI 4

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



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

FEATURES

- 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
- Touch Screen with Ethernet connection
- 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

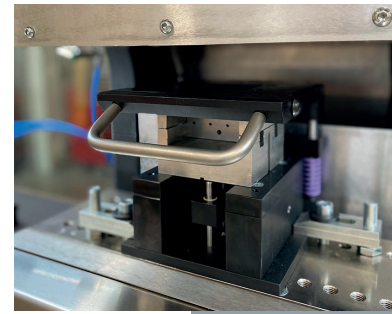
TECHNICAL SPECIFICATIONS

| | VI 4 |
|-------------------------------------|---|
| 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 / giro |
| 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 ³ /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 |

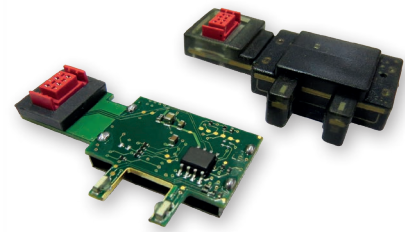
CE Conformity: VI 4 is fully compliant with CE regulations and EMC equipment guidelines for mechanical, electrical and electromagnetic compatibility.

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

