

## Low pressure overmolding unit

HI 3 TT

Low pressure horizontal 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 mold
- Integrated 3l melting tank
- Electronic injection pressure adjustment from 1 to 50 bar (EPR)
- Mold clamping force 1.2 T
- 2 independent PID temperature control zones
- Weekly switch-on time programming
- Cycle start with mechanical safety buttons and light curtain
- Quick mold replacement
- Pneumatic ejection system

## OPTIONS

- Clamping force 2T
- 7 l Melting tank
- Automatic Feeding System (AFS)
- D 10 Resin Dryer
- Network interface (Industry 4.0)
- Machine stand

## TECHNICAL SPECIFICATIONS

	HI 3 TT
Mold clamping force	1.2 T / 2.0 T
Tank capacity	3 l
Temperature control zones	2
Max. tank and gun temperature	250° C
Clamping stroke	75 mm
Ejectors force	1000 N
Ejectors stroke	10 mm
Gear pump flow	5.8 gr / turn
Control system	Touch screen 7" HMI and PLC with USB connection
Safety protection	Light curtain and two hands control for cycle start
Air supply	6 bar, 0.18m <sup>3</sup> /cycle
Power supply	220VAC 1P+N+G 50/60 Hz 4,5 kW
Dimensions and Weight	125 x 115 x 100 cm / 350 kg

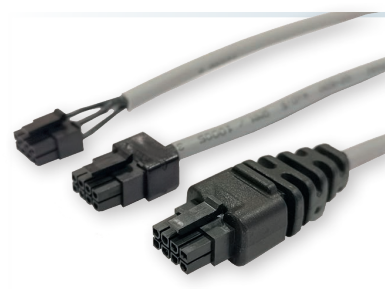
**Conformità CE:** HI 3 TT fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.

**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.

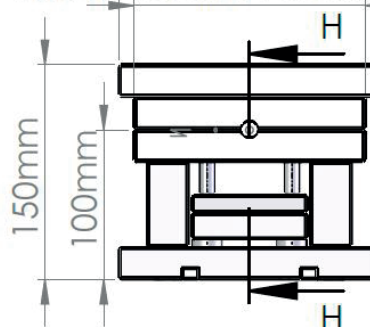


Shifting Mold Table

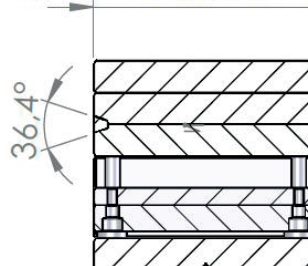


## MOLD DIMENSIONS

FROM 180mm TO 250mm  
FROM 150mm TO 230mm



FROM 100mm TO 120mm



SECTION H-H