

## Low pressure overmolding unit

**HI 20 H**

Low pressure horizontal injection overmolding unit for Hot Melt materials. Dual working station



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

## FEATURES

- 2 x four column press
- Dual working station
- Separate processing parameters for the two stations
- 2 x 5 l melting tank
- Electronic injection pressure adjustment from 0,5 to 50 bar (EPR)
- Mold clamping force 5 T
- Weekly switch-on time programming
- Air over oil cylinder for a bigger clamping force
- 6 independent PID temperature control zones
- Pneumatic ejection system on both station
- Cycle start with dual palm button and light curtain
- Temperature limits with programmable alarms
- Quick mold replacement

## OPTIONS

- Mold clamping force 10 T
- Chiller CBV 5.1, cooling mold unit with adjustable temperature
- 2 x 10 l Melting tank / 2 x 7 l Melting tank / 2 x 15 l Melting tank
- Automatic Feeding System (AFS)
- D 10 Resin Dryer
- Network interface (Industry 4.0)

## TECHNICAL SPECIFICATIONS

	HI 20 H
Mold clamping force	5 T (optional 10 T)
Tank capacity	2 x 5 l (optional 2 x 10 l / 2 x 15 l / 2 x 7 l)
Temperature control zones	6
Max. tank and gun temperature	250° C
Gun	Standard nozzle cone 36.4° Optional nozzle cone 90°
Mold stroke	150 mm
Clamping system	Air over oil cylinder
Control system	Touch screen 7" 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	380VAC 1P+N+G 50/60 Hz 4,5 kW
Dimensions and Weight	1300 x 950 x 1865 mm / 610 kg
Working plate height	H: 1000 mm + mold height

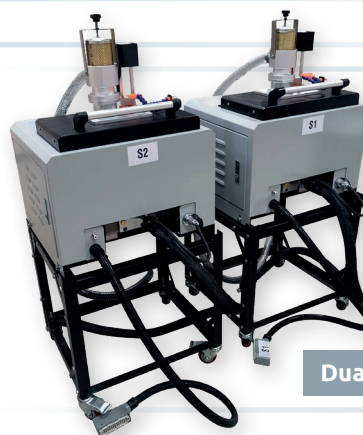
**CE Conformity:** HI 20 H is fully compliant with CE regulations and EMC equipment guidelines for mechanical, electrical and electromagnetic compatibility.

**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.



Dual working station



Dual melting tank

## MOLD DIMENSIONS

