



PRESSURISED MOULD TEMPERATURE CONTROLLERS TB-P SERIES

- Working temperature up to 140°C
- Temperature accuracy of $\pm 0.5^\circ\text{C}$, thanks to PID algorithms on the heating and cooling phase
- Automatic self-tuning of the PID parameters at every mould change
- High pressure, high flow centrifugal pump. The pump has back to back impellers with axial thrust balancing
- 80 kW cooling capacity for process water at 130°C and cooling water at 10°C
- Noise level lower than 70 dB(A)
- Safety thermostat
- Thermal insulation on heating and cooling chambers
- Automatic operation at reduced heating power near the set point (TB/2-P Models)
- Automatic water filling
- Three phase heaters
- Connection for controlling the temperature directly at the mould
- Central acoustic alarm
- Quick cooling Key
- Mechanical filters in the process and cooling circuits
- 24 V auxiliary circuit

ON REQUEST:

- High flow and high pressure pump
- Version with reversible pump (when running in reverse, the maximum working temperature is 80°C)
- Larger cooling capacity (TB-P single heater only)
- Daily/weekly timer
- Two, three or four-way manifolds
- Serial outlet
- Bigger power models
- Working temperature up to 150°C

T B - P

