

## OptiMel 2002 – 12kN

All options of the OM 2000 combined with an additional sliding table, which minimizes the handling time, ideally eliminates it and, thus, considerably increases the productivity. Depending on the requirements of the project, the pneumatic closing cylinder can be designed with a closing force of 12-38kN and, due to the selection of different melting devices, a separate tank and an extruder unit can also be considered in the area of the melting as prerequisites for each individual project.

- Melting capacities of up to 15Kg/h for medium to large shot weights and/or medium to large annual quantities
- Retaining force of up to 38kN for components with an overall casting area of up to approx. 9500mm<sup>2</sup> (at maximum pressure of 40 bar)



### Technical Data:

Operating temperature:	max. 250°C
Melt pressure:	0.5-4 MPa/ 5-40 bar
Closing force:	12 kN
Power connection:	3/N/PE AC 400/50 Hz.
Power consumption:	4.5 kW
Dimensions:	W1181 x D793 x H1631mm

### Auxiliary options:

- Tool tempering
- Pressure monitoring
- Fill level monitoring/ automatic feeding

### Highlights:

- Pneumatic closing system
- Manual sliding table
- Two-hand control
- Touch-panel
- Control by PLC incl.:
  - Pressure profile control
  - Ejector control
  - Recipe storage

### Variations:

- Vertical Injection
- Double injection heads with variable nozzle distances