

OptiMel 2000 – 12kN

The allrounder for medium to large series production. Equipped with PLC and touch-panel, the OM 2000 provides the complete scope for easy control.

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 quantitie
- Retaining force of up to 38kN for components with an overall casting area of up to approx. 9500mm² (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:	W725 x H1650 x D820mm

Auxiliary options:

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

Highlights:

- Pneumatic closing system
- 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