

OptiMel 1202

In addition to the toggle-lever closing system, this system provides the complete scale of a PLC control, as well as the option to adapt different melting devices to different melting capacities. In order to attain increased productivity, the system has 2 closing units. Two different casting projects (with the same material and similar casting parameters) can also be produced here in parallel.

- Melting capacities of up to 15Kg/h for medium to large shot weights and/or medium to large annual quantities
- Retaining force of 8kN for components with an overall casting area of up to approx. 2000mm² (at maximum pressure of 40 bar)

The toggle-lever closing system is pneumatically actuated for easy operation, for some special production processes, can provide advantages compared to a pneumatic cylinder with two-hand control.



Technical Data

Operating temperature:	max. 250°C
Melt pressure:	0,5-4,0 MPa/ 5- 40 bar
Closing force:	12 kN
Power connection:	3/N/PE AC 400V 50Hz
Power consumption:	4,5 kW
Tank volume:	4 l
Melt capacity:	ca. 1kg/h
dimensions:	B710 x T720 x H720mm

Auxiliary Options

- Werkzeugheizung
- Drucküberwachung
- Füllstandsüberwachung /automatische Befüllung

Highlights:

- 2-fold Toggle-lever closing system
- Control by PLC incl.:
 - Pressure profile control
 - Ejector control
 - Recipe storage

Variations:

- Double injection heads with variable nozzle distances