

Macromelt® Moulding processing equipment for series production

The OptiMel 2200 integrates a permanent and performing automatic process control. The OptiMel 2200 is a one operator workstation. It is nevertheless easily possible to integrate the OptiMel 2200 to fully automatic production lines.

Besides the standard version the OptiMel 2200 is also available as a runner-free version.

The special nozzle design available on the runner-free moulding machines eliminates the runner. Costly material scraps can be therefore avoided and moulding costs will be optimised. The runner-free moulding machines make injections from both back side and top possible. To getting the best runner-free equipment OptiMel develops machine specific designed tools according special requirements.

The OptiMel 2200 combines a high level in safety of process control to an operator-friendly workstation. The OptiMel 2200 contrary to the 2002 has an once more raised productivity. Because it is constructed as an double station of the OptiMel 2000 you can run two identical tools to further optimize the handling time or by running two different tools work on two differing parts at the same time. The material supply by default is carried out by a single melting unit.

Partially integrated extras can complete the OptiMel 2000 (upon request).

Technical data:

Working temperature:	max. 250°C
Injection pressure:	0,5-4 MPa/ 5-40 bar
Mould clamping force:	19 kN / 38 kN
Power supply:	3/N/PE AC 400/50 Hz.
Power consumption:	5,2 kW
Tank volume:	4 l / 12 l
Dimensions:	
Working height:	ca. 1030 mm



The OptiMel 2200 includes:

- Double station with two pneumatic operating tool clamping systems
- Touch-Panel
- Automatic process control incl.
 - pressure profile control
 - ejectors control
- Available extras
 - Tool temperature control
 - Pressure monitoring
 - Automatic tank filling