



# OptiMel

## FLEXline



- Machines for medium to large serial production.
- Flexible project-specific combination of machine components
- Mass pressure adjustable 5-40/60 bar
- Different melting units with melting capacity for medium to large shot weights and/or medium large annual quantities
- Clamping force for components with a maximum total molding surface of approx. 9.500mm<sup>2</sup> (at maximum pressure of 40 bar)
- Siemens S7-1200 control with touchpanel and convenient operation by pictograms

### Technical data

Operating temperature:	max. 250°C
Melting capacity:	2 – 15 kg/h (depending on adapted melting unit)
Melt pressure:	0,5-4 MPa/ 5-40 bar
Clamping force:	9kN / 12kN / 19 kN / 38kN
Electrical connection:	3/N/PE AC 400/50 Hz.
Power input:	4,5 kW

### Machine table:

Single table  
Sliding table  
Rotary table

### Injection direction:

Single nozzle hor./vert.  
Double nozzle hor. / vert  
Hot runner system

### Closing unit:

9 kN manual toggle lever  
12 kN or 19kN pneumatic  
38 kN pneumatic-hydraulic

### Safety concept:

Two hand control  
Light curtain

### Available Melting units:

Tank unit with plunger pump  
Tank unit with gear pump  
Extruder

### Optional equipment:

Pressure monitoring for injection head  
pneumatic mold release

