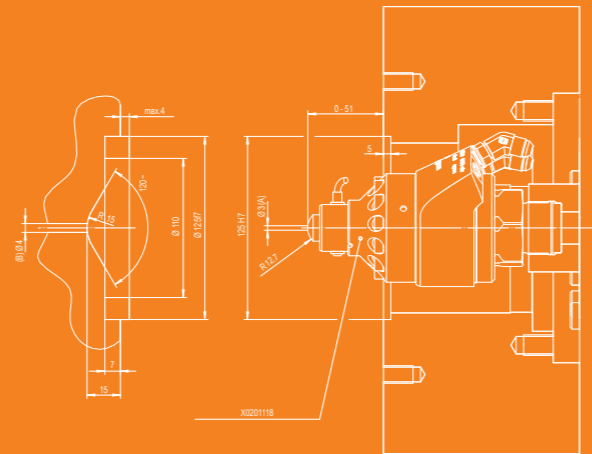


Standard equipment

- Energy saving Maplan Cool Drive – system*
- Microprocessor-control PC5000touch
- Linear positioning system for clamp and injection unit, ejector injection and clamp side
- 4 cooling circuits with flow control (2 of them user-specific adaptable)
- Oil filter-, oil level- and oil temperature monitoring*
- Optimized footprint
- MAPLAN LIM-high-precise injection unit with FIFO principle
- Retractable injection unit for high flexibility
- Cooled nozzle and injection pot
- Easy cleaning of plasticizing cylinder, screw and injection pot
- Special-LSR-non-return valve



Mould and nozzle situation

Options

- Central Ejector
- Hydraulic ejector injection and/or clamp side
- Heating and cooling devices for injection pot, machine nozzle caps or cold runners
- Vacuum pump
- Microprocessor control features for PC5000touch
- Pneumatic safety gate front side
- Additional heating zones
- Magnetic clamping system
- Heating plates
- 3-zone heating plates control with solid state relays
- Reinforced heating plates 390x400mm (only without ejector)
- Brush devices single / double - and/or knockout devices
- Power factor correction injection unit for LSR
- LIM – screw injection unit (FIFO)
- User-specific machine nozzles
- Static mixer
- Shut-of-nozzle

Further options on request

* editionS type, ** edition type

Machine type		MHF200L/100 edition/editionS	MHF200L/200 edition/editionS
Clamping unit			
Opening stroke	mm	450	600
Daylight	mm	622	816
Clamping force	kN	994	1979
Min. mould height	mm	172	216
Mould mounting plates (h x d)	mm	390 x 390	510 x 510
Distance between tie bars	mm	470 x 470	520 x 520
Injection unit			
Injection volume standard	cm ³	200	200
Injection unit alternative ¹⁾	cm ³	100, 400	100, 400
Machine weight approx.	kg	3650	5700
Floor space required	m ²	3,12	4

¹⁾ Further injection volumes on request

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rubber injection technology



Machine pictured may include equipment sold as options.

MHF horizontal LIM edition and editionS

LIM injection moulding machines for liquid silicone applications

The latest milestone in the development of a machine series with a long record of success: An all-new injection system that offers highest precision, compact design and an ease of maintenance never before achieved.



Product range
Production of moulded parts from LSR (Liquid Silicone Rubber) at injection volumes up to 400 cm³.



Easy maintenance
Cleaning of injection unit in a few easy steps – complete disassembly for cleaning takes only a few minutes.



Process technology
Liquid tempering for nozzle cap and injection pot. Best processing conditions for high-viscosity and high-filled LSR materials.



Precision
FIFO system, highest precision and compact design.

LIM injection unit

The LIM technology for cost-effective production of liquid silicone parts. Technological leadership, ease of operation and maintenance, highest precision, compact design.

