

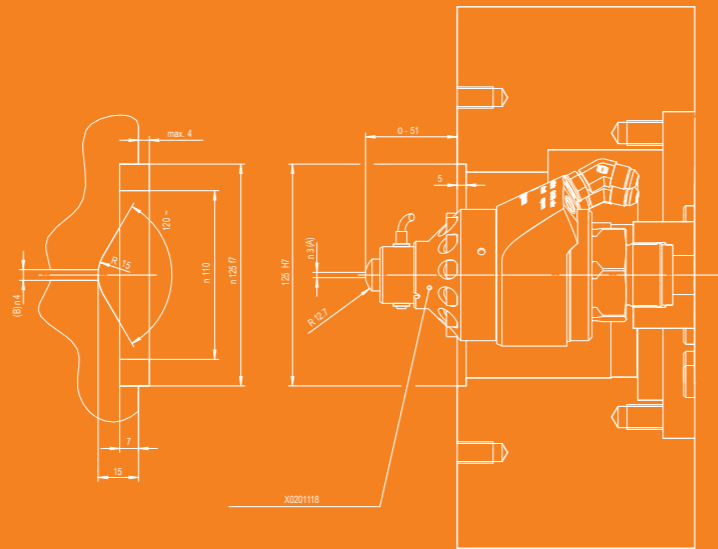
Standard equipment:

- LIM precision injection unit (FIFO)
- Linear positioning system for exact injection volumes
- Nozzle uncouple for high flexibility
- Cooled nozzle and injection pot
- Easy cleaning of injection pot
- Easy to operate and maintain
- Special LSR non-return valve
- Energy saving MAPLAN CoolDrive system

Options

- Larger injection volume - 400cm³
- LIM screw injection unit (FIFO)
- User-specific machine nozzles
- Nozzle cap

Further options on request



Mould and uncoupling nozzle

Injection units		200	400
Max. injection volume ¹⁾	cm ³	201	400.8
Max. injection pressure	MPa	114.8	63.01
Max. injection capacity	cm ³ /s	142	259
Injection pot diameter	mm	40	54
Dosing precision	cm ³	0.126	0.229
Nozzle touch force	kN	32.16	32.16
Temperature zones		2	2
Screw diameter ²⁾	mm	18	18
Screw length ²⁾	L/D ²⁾	11 D	11 D
Max. screw speed ²⁾	rpm	220	220
Max. plasticizing capacity ²⁾	cm ³ /s	13	13

¹⁾ other injection unit sizes on request

²⁾ optional equipment

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rubber injection technology



LIM INJECTION MOULDING TECHNOLOGY
 INJECTION MOULDING MACHINES FOR PROCESSING
 LIQUID SILICONES, HIGHEST PRODUCT QUALITY,
 EASY OPERATION, LOW MAINTENANCE



MHF200L/100

LIM injection moulding machines for liquid and solid 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 400ccm.



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.

