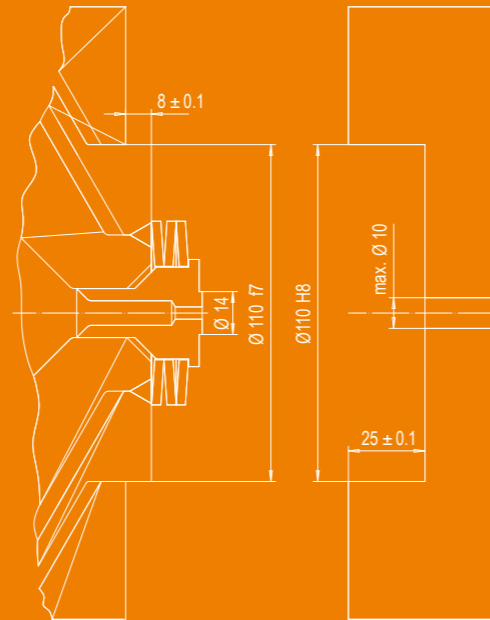


Standard equipment

- MAPLAN FIFO rubber injection unit with short, cooled nozzle for high precision and injection capacity, easy cleaning
- Large heating platen and daylight for more cavities and easy demoulding
- Control PC5000*touch*
- High resolution ultrasonic linear encoder system for best reproducibility
- Hydraulic pump with proportional pressure / flow control
- 2-circuit-cooling unit (thermo oil) for plasticizing cylinder and injection pot
- Machine covers with integrated light shield for highest safety and ergonomics
- Maintenance-free, contactless safety switches
- Solid state relays for heating zones



Uncoupling nozzle

Options

- Hydraulic ejector injection and/or clamp side, linear positioning system
- Heating and cooling devices for plasticizing cylinder, injection pot, screw or cold runners
- Vacuum pump
- Additional features for PC5000*touch*
- Alternative injection volumes
- Additional mould heating zones
- Strip intake control
- Automatic strip intake device
- Hydraulic sliding plates 70%
- Electric backpressure adjustment
- 3-zone heating plates control
- Stockfeeder for silicone processing
- Euromap67 interface
- Logical movements
- Oil filter, Oil level- and oil temperature control
- Oil cooling

other options on request

Machine type		MTF	MTF	MTF
		750/160 edition	1500/250 edition	2500/400 edition
Clamp unit				
Opening stroke	mm	450	500	580
Opening between plates	mm	600	700	830
Clamping force	kN	1590	2500	4120
Min. mould height	mm	150	200	250
Heating plates, standard	mm	450 x 510	500 x 630	710 x 800
Injection unit				
Max. injection volume standard	cm ³	750	1500	2500
Optional injection volumes	cm ³	1000	2000	3200
Machine weight	kg	5000	9000	14200
Floor space required	m ²	2,05	2,4	2,95

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rubber injection technology

MAPLAN edition

EUROPEAN MACHINE QUALITY AT AN EXCELLENT PRICE / PERFORMANCE RELATION DESIGNED, MANUFACTURED AND BUILT IN EUROPE



MTF 2500/400 edition

Vertical rubber injection moulding machines for rubber and solid silicone applications.

The latest milestone in the development of a machine series with a long record of success. The MAPLAN FIFO rubber injection unit ensures the optimum of productive efficiency and ergonomics in production of technical elastomer parts.



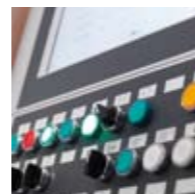
Product range
Production of moulded parts from rubber and solid silicone up to 3200 cm³



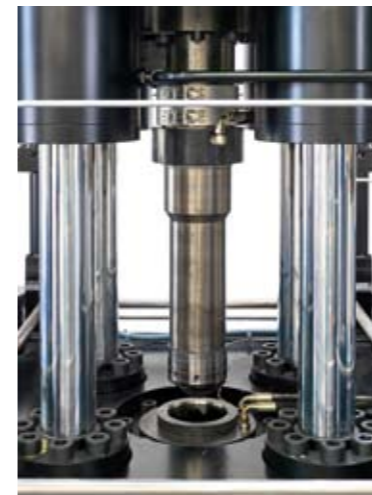
Minimal floor space required
Compact design for minimal required floor space and easy machine transport



The one and only parallel plane
Optimum mould clamping by eliminating deflection of the fixed plate injection side, maximum platen support by the massive clamp piston



Control technology
The PC5000touch control with intuitive touch screen interface opens up new dimensions in optimization of the injection moulding process.



The MAPLAN FIFO Rubber injection unit

- FIFO injection unit concept
- Short nozzle for max. injection pressure directly on the mould
- Cooled nozzle - no nozzle retract necessary and therefore no leaks
- Easy material change and cleaning via moveable check valve
- Adjustable back pressure function
- Oil temperature control for plasticizing unit, injection pot and nozzle
- Constant screw length to diameter ratio