



Lilliput 300 M
Manual end milling machine



Profile support roller conveyor 01



Clamps and intermediate angles 02



Complementary technologies play an important part in the workshop as the product line consists of various instruments designed to cater for special requirements. The Emmegi range offers a broad spectrum of dedicated machines for all the various milling, drilling, end-milling and filing operations as well as profile positioning and stop gauges.

Lilliput 300 M is a horizontal end milling machine with manual feed. Milling of intermediate angles, $+45^\circ / 90^\circ / -45^\circ$. Quick tool change with pneumatic control. Scratch-proof table. Full guarding of work zone.



Positive indexing stop 03



Quick tool change (pneumatic) 04



Tool magazine 05



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01 Profile support roller conveyor

The profile support roller conveyor allows correct positioning in the machine and secure resting of the profile in the work zone. The feed rolls facilitate the profile handling operations.

02 Clamps and intermediate angles

Both horizontal and vertical clamps are both operated pneumatically and with low pressure device. Intermediate angles are obtained thanks to the possibility of varying the angle of tilt from -45° to $+45^\circ$ with manual movement. The position is read on the metric rule or graduated scale.

03 Positive indexing stop

Adjustable 6-position positive indexing stop, provided with a device to allow automatic removal from the workpiece thus ensuring mechanical and aesthetic intactness of the profile.

04 Quick tool change (pneumatic)

Tool change is operated pneumatically via relative control on the control panel. This allows changing the set of cutters installed in the machine and therefore working of different extruded profiles.

05 Tool magazine

The tool magazine is located in the machine base. It is easily accessible for the manual tool pick-up operations so the cutters can be placed in orderly positions thus remaining in an intact state.

TECHNICAL CHARACTERISTICS

Brake motor: 1.1 kW

Tool speed: 2800 rpm

Travel 300 mm

Clamp capacity: 200x120 H mm

Horizontal and vertical pneumatic clamps with low pressure device

6-position positive indexing depth stop

Cutter holder sleeve dia. 27/32x135 mm

Max. cutter dia. 160 mm

Spray-mist lubrication system with water and oil emulsion

Base with tool magazine and swarf conveyor

Compressed air gun for cleaning