



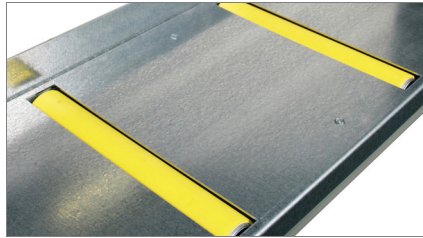
emmegi

A Aluminium  
S Steel  
P Pvc

gb #1

# Lilliput 320 M

Manual end milling machine



Profile support roller conveyor 01



Swarf drawer 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 320 M is a horizontal end milling machine with manual feed. Milling of intermediate angles,  $+45^\circ / 90^\circ / -45^\circ$ . High tool speed, 6000 rpm, for improved standard of machining on the painted profile and with intermediate angles. Quick tool change with pneumatic control. Scratch-proof table. Full guarding of work zone with ample internal visibility.



Control 03



Clamps and intermediate angles 04



Pneumatic quick tool change 05



# Lilliput 320 M

## Manual end milling machine

### 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 Swarf drawer

A swarf drawer at the bottom of the machine allows collecting the swarf caused by machining, thus facilitating cleaning operations.

### 03 Control

The push buttons/switches on the machine control panel allow air blast for cleaning the clamp base, start-up with safety switch and quick tool change.

### 04 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  $-45^{\circ}$  to  $+45^{\circ}$  with manual movement. The position is read on the metric rule or graduated scale.

### 05 Pneumatic quick tool change

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.

#### TECHNICAL CHARACTERISTICS

Brake motor: 1.5 kW	
Tool speed: 6000 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. 27/32x160 mm	
Max. cutter dia.: 180 mm	
Spray-mist lubrication system with water and oil emulsion	
Predisposition for fume exhauster connection	
Base with tool magazine and swarf drawer	
Profile support roller conveyor L=500 mm	
Air blast for cleaning clamp base	
Compressed air gun for cleaning	
Dimensions (mm)	1270 x 720 x 1450
Weight (Kg)	180