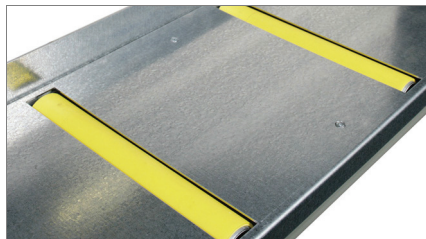


# Lilliput 320

Automatic end milling machine



Profile support roller conveyor 01

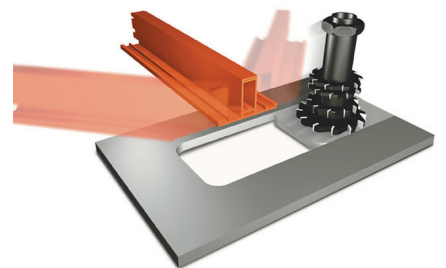


Swarf drawer 02



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 is a horizontal end milling machine with electropneumatic 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



Positive indexing stop 05



# Lilliput 320

Automatic 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

### 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.

#### 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

Provision 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

190