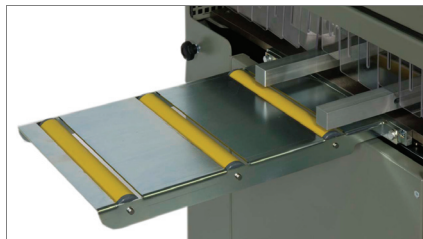


Lilliput 350 A

Automatic end milling machine



Profile support roller conveyor 01



Swarf drawer 02



Horizontal end milling machine with electropneumatic feed. Milling of intermediate angles, $+45^\circ$ / 90° / -45° . Variable speed of tool rotation with electronic inverter for improved quality machining on painted profiles and at intermediate angles. Quick cutter change with pneumatic control. Scratch-proof work table. The self-tilting indexing stop cancels contact between the stop and the workpiece during feed forward. Fully guarded work zone.



Control with Inverter 03

Clamps and intermediate angles 04

Pneumatic quick tool change 05



Lilliput 350 A

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 with Inverter

The push buttons/switches on the machine control panel allow controlling the hydro-pneumatic cutter feed, air blast for cleaning the clamp base, start-up with safety switch and quick tool change. The presence of an inverter serves for varying the motor rpm which is displayed on the digital readout.

04 Clamps and intermediate angles

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

05 Pneumatic quick tool change

Cutter change is operated pneumatically through the corresponding control on the control panel. This enables the set of cutters installed in the machine to be changed quickly according to the machining process to be performed.

TECHNICAL CHARACTERISTICS

Motor with inverter: (kW)	2,2
Variable tool speed: (giri/min.)	4000 ÷ 7000
Travel: (mm)	350
Clamping capacity: (mm)	240x120
Horizontal and vertical pneumatic clamps with low pressure device	
6-position positive indexing depth stop	
Cutter holder sleeve \varnothing (mm)	27/32x160
Max. cutter \varnothing : (mm)	200
LED tool speed readout	
Injection lubrication system	
Provision for fume exhauster connection	
Base with tool magazine and swarf drawer	
Profile support roller conveyor (mm)	500
Air blast for cleaning clamp base	
Compressed air gun for cleaning	