LILLIPUT 320

PROFESSIONAL END MILLING MACHINES



Horizontal end milling machine with electropneumatic feed. Milling of intermediate angles, +45° / 90° / -45°. High speed of tool rotation for improved quality machining on painted profiles and at intermediate angles. Quick cutter change with pneumatic control. Scratch-proof work table. Fully guarded work zone with high internal visibility.

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The right to make technical alterations is reserved.



Swarf collection

A drawer located at the bottom of the machine allows the collection of swarfs generated during machining, facilitating cleaning operations.



Vice group and out-of-square

Both horizontal and vertical vices are pneumatically operated with a low-pressure device. Out-of-square is managed with the ability to vary the tilt from -45° to +45° with manual handling. The position is read by graduated scale.



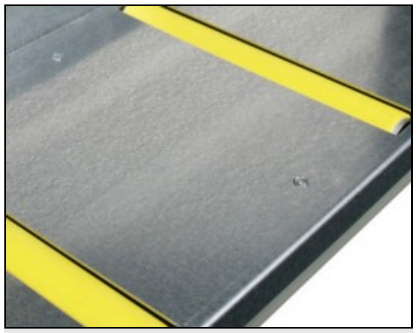
Rapid pneumatic change

Changing the mill assembly is done pneumatically via the control located in the control panel. This allows the mill assembly housed in the machine to be varied and ensuring the machinability of different extrusions.



Positive indexing stop

The manual 6-position positive indexing stop enables 6 measurements to be set so that the workpiece can be positioned quickly, thus reducing the time of the work cycle. It is also possible to manually adjust the height of the positive indexing stop.



Profile support roller conveyor

Enables correct positioning in the machine and secure support of the profile in the machining area. Slide rollers make profile handling operations easier.



Control

The push-button panel on the machine control panel allows the management of: air blowing for cleaning the vice table, startup with safety switch, quick tool change.

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CHARACTERISTICS	
Brake motor (kW)	1,5
Tool speed (rpm)	6.000
Travel (mm)	320
Vice capacity (mm)	200 x 120
Horizontal and vertical pneumatic vices with low pressure device	●
6-position positive indexing stop	●
Cutter holder sleeve (mm)	Ø = 27 / 32 x 160
Max mill (mm)	Ø = 180
Micro-mist lubrication system with water and oil emulsion	●
Preparation for smoke extraction connection	●
Base with mill holder magazine and swarf collection drawer	●
Profile support roller conveyor, length (mm)	500
Vice bench cleaning air blower	●
Compressed air gun for cleaning	●

Included ● Available ○

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