COPIA 324

PROFESSIONAL COPY ROUTERS

Manually controlled single head copy router with pneumatic clamping and traverse of the head with indirect lever. Ability to run through machining of aluminum without turning the workpiece. Scratch-proof. Manually controlled stylus.

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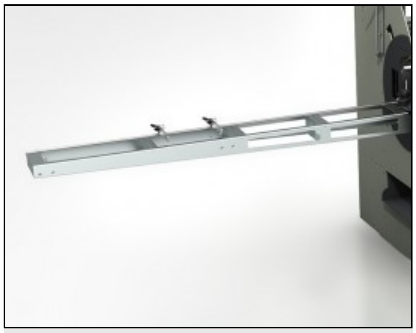
The right to make technical alterations is reserved.

Indirect head translation lever

The tool travels along the horizontal plane manually using a lever that minimises the strength required by the operator. The height of the handle is adjustable for a practical and ergonomic use.

Control joystick

The lever allows performing the vertical movement of the milling unit. A motor starter button is found on the joystick. The electrospindle has a tool holder with an ISO 30 quick coupling; there are 4 housings on the sides of the machine for 4 toolholders.



Stop devices and roller conveyors

The roller conveyors positioned on the right and left support the machining of the very long profiles. Moreover, a system of manually-regulated stop devices, also on the right and left, allows positioning the workpiece in the machine correctly, taking it to the work area.

4-diameter sensor

The mechanical probe has 4 positions, creating 4 different tool diameters. When it is placed on the pre-selected mask, machining is carried out precisely and safely.

Vices

The machine has manually adjustable pneumatically controlled horizontal vices that guarantee the profile is correctly clamped in the machine. For better profiles clamping when required, a couple of vertical pneumatic vices is available as an optional.

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CHARACTERISTICS	
Motor power (kW)	1,1
Tool speed (rpm)	8.000
Travel (X-Y-Z) (mm)	380 – 150 – 250
Vice capacity (mm)	200 x 200
Toolholder with gripper	ER 16
Max. tool diameter (mm)	10
Max. tool length (mm)	95
Pair of horizontal vices	●
Pair of vertical vices	○
Pair of vertical vices on side brackets	○
Adjustable vice jaws	●
One tooth end-mill (mm)	Ø = 5 - 10
Mill-holder collet complete with lock-nut (mm)	Ø = 5/6 – 9/10
Indirect head translation lever	●
4-diameter sensor	Ø = 5 - 6 - 8 - 10
Micro-mist lubrication system with water and oil emulsion	●
Template with standard figures	●
Right and Left profile-supporting shelves with 4 excludable stops	●
Central stop that slides along linear guides	●
Tool holder storage built into the base, holds 4 tools	●
Head movement along precision linear guides	●
Stop devices along the travel of axes X, Y, Z, with precision metric rod	●

Included ● Available ○

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