



## Copy Router YILMAZ FR 226

Vertical spindle copy router with 1:1 transfer ratio from template to the workpiece. Machine is operated manually by means of two handles: one for plunging in, the other for routing on two axes. It has a 3 phase motor and transmission to increase spindle speed to 14000 RPM. An automatic triple drill spindle is positioned on the back side of the working area and is activated by the operator through a pushbutton. The triple spindle allow to drill simultaneously the 3 holes required for the "tilt and turn" handle. A spray mist tool cooling system allows machining up to 3mm thin walled (0.12") aluminum profiles. Machine is typically used to make hardware cut-outs, water slots and holes on aluminum or PVC window and door profiles.

### FEATURES

- Cast aluminum main structure
- Corrosion resistant linear guides
- Robust machine stand with integrated cabinet
- Electroplated copy template
- Two pieces tracer pins
- Slots can be machined without using the copy template by setting mechanical stops
- Side shafts with reference stops
- Automatic hydro-pneumatic triple drilling operation (Tilt & Turn windows)

### TECHNICAL DATA

- vertical spindle 0.55 kW (0.75 HP), 230V, 3~, 60 Hz
- triple drill motor: 0.75kW (1HP), 900 RPM
- Spindle speed: 14000RPM
- Max machining (X,Y,Z): 270x110x130 mm (11.4"x4.3"x5.1")
- Min profile height: 30mm (1.18")
- Template Size 500mm x 150mm (19.7" x 5.9")
- Clamping capacity: 150 mm (6")
- Aluminium profiles with wall thickness up to 3mm (0.12") can be machined in 1:1 ratio
- Air consumption: 5 lt./min (1.1 gal/min)
- Air supply pressure: 6-8 bar (87-116 psi)

### STANDARD EQUIPMENT

- 1 x Standard template
- 1 Ø5mm (0.197"), L: 80mm (3.15") router bit
- 1 x 8mm collet
- 1 x Air blower gun
- 2 x Profile length stops
- 1 Spray mist tool lubrication system
- 2 Horizontal pneumatic clamps
- 1 Automatic triple drill spindle

### OPTIONALS

- 20 litres (5.3 gal) pail of cutting fluid
- MKN 300 roller conveyor - 3m (10')
- Additional router bits
- MA 240 centring device

### STANDARD ACCESSORIES

- Spray tool lubrication system
- Ø5 router bit
- Equipped with tools for triple drilling mechanism (2 pc x Ø 10, 1 pc x Ø 13mm)
- 2x left and right pro-le stops
- 2x horizontal clamps
- Air gun

### OPTIONAL ACCESSORIES

- Additional router bit
- Special copy template
- MA 240 centring apparatus
- MKN 150 roller conveyor