



Multi Spindle Copy Router YILMAZ CRM 250 S

CRM 250 S is a copy router with 1 vertical and 2 horizontal spindles. It is designed to work on 3 sides of the aluminum, PVC and steel (up to 2mm wall thickness) profiles without unclamping the workpiece. The two horizontal spindles and the vertical spindle (one spindle is controlled at a time) follow different templates. The tracer pins are staged for different diameter (5, 8 and 10mm) router bit use and can be manually adjusted. Two vertical and two horizontal tracer pins can be activated or deactivated pneumatically by selector switches.

FEATURES

- Robust machine stand
- Corrosion resistant linear guides
- 2 Horizontal and 2 vertical pneumatic clamps
- Horizontal (2) and vertical (2) pneumatic tracer pins with 3 different diameters \varnothing 5mm (0.2"), 8mm (0.3") , 10mm (0.4")
- Quick and easy adjustment of the tracer pins by rotary knobs as per the diameter of router bit used
- Pneumatic activation of tracer pins via selector switches
- Horizontal and vertical standard templates
- Smooth movement, high precision and great sensitivity provided with gas spring and ergonomic handles
- Electroplated copy template
- 1000mm (39.3") roller support table on the right and on the left side complete with measuring tape
- Manually adjustable profile stops placed on the right and left that used to index the work piece
- Inverter controlled variable speed spindles and potentiometer for RPM adjustment (from 1200 to 2800)
- Pneumatic spray mist lubricator controlled from the handle

TECHNICAL DATA

- High frequency spindle motors: 3 x 1.1kW (1.5HP) 230V
- Spindle speed: Variable : 2800 - 12000 RPM
- Max routing vertical spindle (X,Y,Z): 650 x 180 x 170mm (25.6" x 7" x 6.7")
- Max routing horizontal spindles (X,Y,Z): 350 x 230 x 150mm (13.8" x 9" x 5.9")
- Max. clamping capacity: 150mm (5.9")
- Aluminium profiles with wall thickness up to 3mm (0.12") can be machined in 1:1 ratio
- Air consumption: 8 lt./min (1.8 gal/min)
- Air supply pressure: 6-8 bar (87-116 psi)

STANDARD EQUIPMENT

- 2 Standard templates
- 3 \varnothing 5mm (0.197"), L: 80mm (3.15") router bits
- 3 Collet 8mm (0.3") • 1 Air gun
- 2 Profile length stops
- 2 Profile support tables
- 1 Spray mist tool lubrication system
- 2 Horizontal pneumatic clamps
- 2 Vertical pneumatic clamps

STANDARD ACCESSORIES

- Equipped with \varnothing 5mm, \varnothing 8mm and \varnothing 10mm cutter bits • Air gun
- 2 x profile stops both left and right
- Spray tool lubrication system
- 2x horizontal clamps • 2x vertical clamps

OPTIONAL ACCESSORIES

- Additional router bits with \varnothing 5, \varnothing 8 and \varnothing 10 mm
- \varnothing 8mm and \varnothing 10mm collets
- Special templates

OPTIONALS

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