

## APPLICATIONS

- Aeronautics
- Automotive
- Graphic arts
- Aerospace
- Furniture
- Nautical
- Scenography
- Railway
- Molds
- Packing

## Plastic

- Carbon fiber, fiberglass, composites, resins and other plastic derivatives.
- Panels, bumpers, dashboards, interior elements.
- Luminous adverts, advertising panels, stand elements and engraving works.
- Boxes, containers, trays and tool-holder suitcase.

## Aluminium

- Profiles
- Molds
- Patterns

## Wood

- Office furniture
- Kitchen and bathroom furniture
- Roofs
- Stairs
- Scenography
- Panels, beams
- Chairs, tables
- Doors and windows
- Musical instruments
- Sculpture
- Caravanning
- Components for weapons (buttstocks and grips)



The range of Mastermill R-Pro routers represent high versatility and performance, combining a robust and compact design with fixed table and mobile gantry that allows precise work at high speed on different types of materials and compounds. The modular integration capability and wide range of options and accessories make these models an easily configurable according to production requirements. R-Pro series is equipped with CNC control able to manage up to 4 interpolated axes, touch screen and intuitive graphical interface for ease of use and programming.

## SPECIFICATIONS

Standard Configuration		R-25	R-30	R-40	R-60
Working area (mm)	X	2500	3100	4100	6100
	Y	1500	1500	2100	2100
	Z	250/400*	250/400*	250/400*	250/400*
Axes max. Speed (m/min)	X-Y	70			
	Z	40			
Accuracy	+/- 25µm				
Resolution	1µm				
Motors X/Y/Z	Brushless AC Servo motors				
H.F. Electrospindle	Power	9 kW (12 HP)			
	Speed	24.000 rpm Max.			
	Tool holder	ISO30			
	Changer	Automatic – Pneumatic system			
Tool magazine	8 Positions (Revolver type)				
Machine table	Selectorized vacuum table				
Numerical Control	Innova NK-4M with 19" Touch screen Standar ISO programming (G-Code)				
Power supply	220V / 50Hz		400V / 50Hz		

\*Optional

## OPTIONS

- Aluminium T-Slot table
- Vacuum system: Vacuum pump or side channel blower
- Static industrial vacuum cleaner
- Laser positioner
- H.F. Electrospindle with automatic tool changer of 12kW (16 HP)
- Linear type tool magazine
- Revolver type tool magazine 12, 16 ó 18 positions
- Cold air tool cooling system
- Tool cooling system by mixing air and oil
- Automatic lubrication system
- 4th Axis rotary table
- Numerical control:
  - Fanuc Oi-MD
  - Siemens 840D
  - Heidenhain TNC 320
- Manufacture customized according to need and production requirements
- Other configuration options and accessories are available

**3 YEARS  
WARRANTY**