

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



The range of routers Mastermill MC-G combines a robust and compact design with fixed bridge and moving table that allows precision machining at high speed on different types of materials. The modular integration capability and wide range of options and accessories make these models are easily configurable to the requirements of production. The CM-G series is equipped with a CNC control able to manage up to 6 interpolated axes, touch screen and intuitive graphical interface for ease of use and programming.

SPECIFICATIONS

Standard Configuration		MCG-20	MCG-40
Working area (mm)	X	2500	4000
	Y	1400	2100
	Z	250/400*	250/400*
Axes max. speed (m/min)	X-Y	50	60
	Z	30	40
		+/- 20µm	+/- 25µm
Accuracy			
Resolution		1µm	
Motors X/Y/Z		Brushless AC Servo motors	
H.F. Electrospindle	Power	4,5 kW – (6 HP)	7,5 kW – (10 HP)
	Speed	24.000 rpm Max.	
	Tool holder	BT30 / ER-32	
	Change	Automatic – Pneumatic system	
Tool magazine		8 Positions (Revolver type)	
Machine table		Aluminium T-Slot	
Numerical Control		Innova NK-4M with 19" Touch screen Standard ISO programming (G-Code)	
Power supply		400V / 50Hz	

*Optional

OPTIONS

- Selectorized vacuum table
- Mixed table
- Vacuum system: Vacuum pump or side channel blower
- Static industrial vacuum cleaner
- Laser positioner
- Electrospindle ATC: 10kW / 12kW (up to 24000 rpm)
- Revolver type tool magazine of 12, 18 ó 24 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
- Protective fairing enclosure
- Manufacture customized according to needs and production requirements
- Other configuration options and accessories are available

**3 YEARS
WARRANTY**