

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



The range of Mastermill Kompact 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. Kompact 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		MK-250	MK-310	MK-410	MK-610
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	30	50	60	60
	Z	30	30	40	40
Accuracy	+/- 20µm				
Resolution	1µm				
Motors X/Y/Z	Brushless AC Servo motors				
H.F. Electrospindle	Power	2,2 kW (3 CV)	3 kW (4 CV)	4,5 kW (6 CV)	
	Speed	24.000 rpm Max.			
	Tool holder	BT30 / ER-32			
	Changer	Automatic – Pneumatic system			
Tool magazine	8 Positions (Revolver type)				
Machine table	Aluminium T-Slot				
Numerical Control	Innova NK-4M with 19" Touch screen Standar ISO programming (G-Code)				
Power supply	220V / 50Hz			400V / 50Hz	

*Optional

OPTIONS

- Selectorized vacuum table
- Vacuum system: Vacuum pump or side channel blower
- Static industrial vacuum cleaner
- Laser positioner
- H.F. Electrospindle with manual tool changer
- H.F. Electrospindle with automatic tool changer of 7,3kW (10CV) / 10kW (13,6CV)
- 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**