

APPLICATIONS

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

Plastic

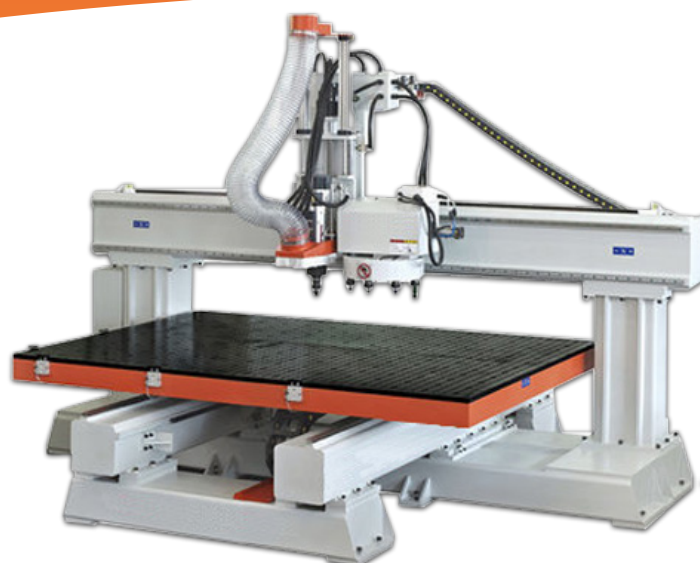
- Carbon fiber, fiberglass, composites, resins and other plastic derivatives.
- Panels, bumpers, dashboards, interior elements.
- Luminous adverts, advertising panels, stand elements and engraving works.
- Boxes, containers, trays and tool-holder suitcase.

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 HS 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 HS 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 | | HS-25 | HS-40 |
|-------------------------|-------------------------------------------------------------------------|------------------------------|----------|
| Working area (mm) | X | 1400 | 2100 |
| | Y | 2500 | 4000 |
| | Z | 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 | |
| | Change | Automatic – Pneumatic system | |
| Tool magazine | 8 Positions (Revolver type) | | |
| Machine table | Selectorized vacuum table | | |
| Numerical Control | Innova NK-4M with 19" Touch screen Standard ISO programming (G-Code) | | |
| Power supply | 400V / 50Hz | | |

*Optional

OPTIONS

- Aluminium T-Slot table
- Mixed table
- Vacuum system: Vacuum pump or side channel blower
- Static industrial vacuum cleaner
- Laser positioner
- H.F. Electrospindle ATC with automatic tool changer of 12kW (16 HP)
- Linear type tool magazine
- 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**