

APPLICATIONS

- Aeronautics
- Automotive
- Aerospace
- Furniture
- Nautical
- Scenography
- Molds
- Models
- Sculptures



Mastermill SGF is a model designed for high-speed machining of nonferrous materials such as wood, polystyrene, resins, composites, aluminum, etc...

Its robust structure with double sliding table, fixed bridge, five interpolated axes and a wide variety of configurations and accessories make this machine ideal for the production of molds, models and large pieces. SGF series is equipped with CNC control able to manage up to 5 axes, touch screen and intuitive graphical interface for ease of use and programming.

SPECIFICATIONS

Standard Configuration		SGF-20	SGF-40
Working area (mm)	X	2000	4000
	Y	1500	2000
	Z	900/1250*	900/1250*
Axes max. speed (m/min)	X-Y	80	
	Z	40	
Rotary axes	C	+/- 213°	
	A	+/- 112°	
Accuracy	+/- 25µm		
Resolution	1µm		
Motors X/Y/Z	Brushless AC Servo motors		
Electrospindle	Power	10 kW – (13,5 HP)	
	Speed	24.000 rpm Max.	
	Tool holder	HSK F63	
Tool magazine	8 positions (Revolver type)		
Machine table	Selectorized vacuum table		
Numerical Control	Innova NK-5M with 19" Touch screen Standard ISO programming (G-Code)		
Power supply	400V / 50Hz		

*Opcional

OPTIONS

- Aluminium T-Slot table
- Double head
- Vacuum system: Vacuum pump or side channel blower
- Static industrial vacuum cleaner
- Laser positioner
- C-axis motorized head with endless rotation
- H.F. Electrospindle ATC: 13,5kW
- Revolver type tool magazine of 12, 16 or 24 positions
- Cold air tool cooling system
- Automatic lubrication system
- Numerical control:
 - Fanuc 30i-A / 31i-A5
 - Siemens 840D
 - Heidenhain TNC 320 / TNC 530i
- Protective fairing enclosure
- Manufacture customized according to needs and production requirements
- Other configuration options and accessories are available

**3 YEARS
WARRANTY**