

MILLING ROUTER & CUTTER

MRC SERIES

Specifications

High performance machine that has been designed as a platform to rolling by cutting 3 axes

Due to the additional controlled axes the machine combines the functionality of milling, lathes, drills, tappers, machine cutting, creasing, pouring, etc.

Construction crane with double-sided drive, servo drives and electronic compensation angle of the gate

High powered spindles up to 20 kW

Automatic tool changer magazine, linear or rotary.

The machine is usually equipped with a vacuum table and vacuum pump. This type of table enables to secure fastening material in both the sheet and the elements of irregular shapes, through standard vacuum blocks. In the version with table T-groove that is possible to clamp the workpiece mechanically directly on to the table or in a vice.

Depending on the configuration and supplies the device can be used for sheet metal alloy

Applications:

- Steel
- Aluminum
- Wood
- Dibond
- Furniture Materials
- Laminates
- Copper
- Brass
- MDF (Medium density fiberboard)
- HPL (High Pressure Laminate)
- Composites
- Foam
- Paperboard
- Plastic
- Textile



TECHNICAL SPECIFICATIONS

TABLE	UNITS	MRC
Work table size	Length (mm)	2100, 2500, 3100, 4100, 5100, 6100, 7100 and Larger
	Width (mm)	1500, 1700, 2100, 2100, 2600, 3100 and larger
	Z axis range (mm)	200, 300, 400, 500, 600, 700
Spindle	24 000 rpm/min	7.0kW, 9kW, 12kW, 14kW, 16kW, 18kW, 20kW
	40 000 rpm/min	5kW
	50 000 rpm/min	3kW
	Cooling	Air Water + Chiller
Driving system	Digital servo drives AC High Speed	-
Table type	T-Slot, Under pressure, Vacuum, Hybrid	-
Automatic tool changer (ATC)	with ATC without ATC Linear Rotary	-
Automatic tool length sensor and control cabinet with computer	-	-
Additional Options		-
Oil/Air mist cooling	Automatic	-
Head	Oscillating knife Drag Knife Creasing Knife for foil Writing Pouring	
Scanner	Touch, Laser	-
Rotary Axis	"B" on the table "B" on the spindle (tilting) "C" on the spindle for aggregate heads	
Safety pressure mats	Laser Curtains	Safety fence
Presser foot	Suction foot	Presser suction foot
Dust extraction system	Basing system	Camera system
Printing system		