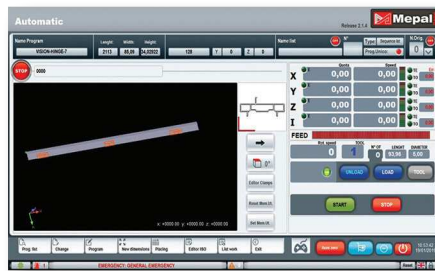
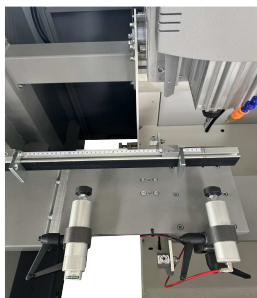
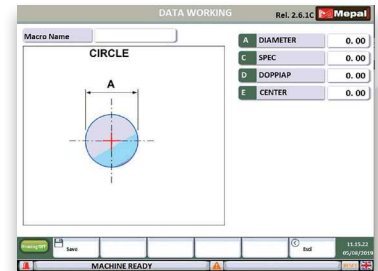


VERTICAL MACHINING CENTER PTX500 EVO

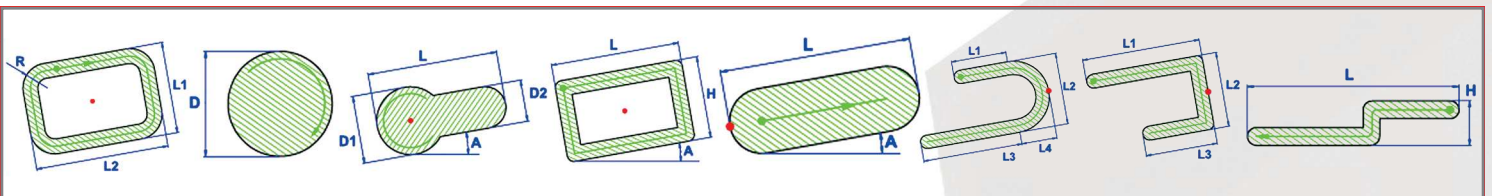
The PTX500 EVO is a numerically controlled compact vertical router for Aluminum, PVC and steel, capable of working on 3 sides of the profile with a pneumatic tilting working table: +90°/0°/-90°. Equipped with an Industrial CNC V8 with 8" Touchscreen display. Spindle speed adjustment from 1000 to 9000 rpm is controlled by a frequency inverter. Numerically Controlled interpolation of X and Y. Axis' X, Y and Z movements utilize brushless motors on ballscrews. The unit comes complete with 4 pneumatic clamps for material fixturing, left and right 1 m supporting tables equipped with 3 reference stops each. Software compensated tool diameter correction. Frontal and perimeter protection for safety included.



Office version software (optional)



On board software



STANDARD EQUIPMENT:

- Electrospindle 1.1 kW 1000-9000 RPM
- No.4 Clamps with manual positioning
- No.1 Venturi spray nozzle
- Manual tool changer with ER20 nut
- Spindle cooling with fan
- TouchScreen CNC Industrial control
- User friendly on board software
- Ethernet interface for LAN connection
- Adjustable position operator control panel for better ergonomics
- Air gun
- Service keys
- Machine documentation
- CE Certification
- Use and maintenance machine manual
- CNC Control manual
- Electrical and pneumatic schematic
- Frontal protection and perimeter cabin
- ISO standard language and graphical MACRO programming
- Remote control through Ethernet connection

X Axis	550 mm
Y Axis	335 mm
Z Axis	230 mm
I Axis	180°
Spindle Speed	1000-9000 RPM
Spindle Power	1,1 kW
Max Axis Speed	X=26 m/min
	Y=26 m/min
	Z=22 m/min
	I = 3 m/min
Dimensions	
Length	3200 mm
Width	1700 mm
Height	1800 mm

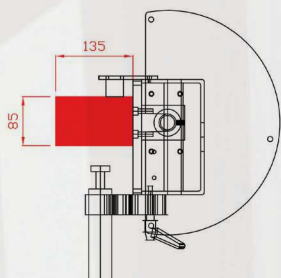
Collet	ER20
Tool changer	manual with nut
Number of reference stops	3 left and 3 right
Clamps	4 manual
Spindle Cooling	fan
Tool Lubrification	1 nozzle on the spindle
Oil tank dimensions	5 liters
Working pressure	7 bar
Air consumption	35 NI/min
Potewer consumption at 220 V	4 kW
Ampere	20 A
Maximum workable section at 0°	170x160 mm

OPTIONS:

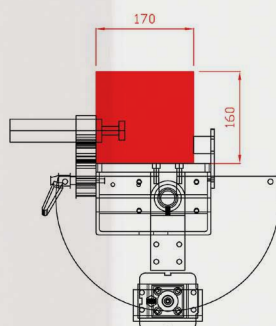
- Collet ER20 d.10-9 mm
- Cutting oil 20 L
- Electrospindle 4,5 kW with quick tool changer ISO30
- Industrial Windows 10 PC with CAM software
- Office software to prepare complex programs



+90° POSITION



0° POSITION



-90° POSITION

