

## EDGE



The CNC contouring center EDGE is a numerically controlled compact horizontal routing and milling machine for PVC profiles.

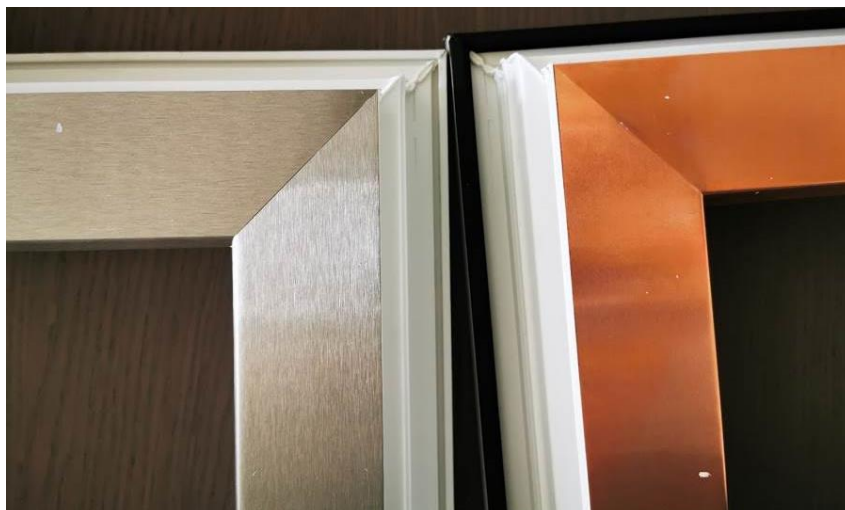
The PVC profiles can be standard coated or coated with Aluminum, Copper, Wood, Acrylic, Fabric, Fiber glass, etc...

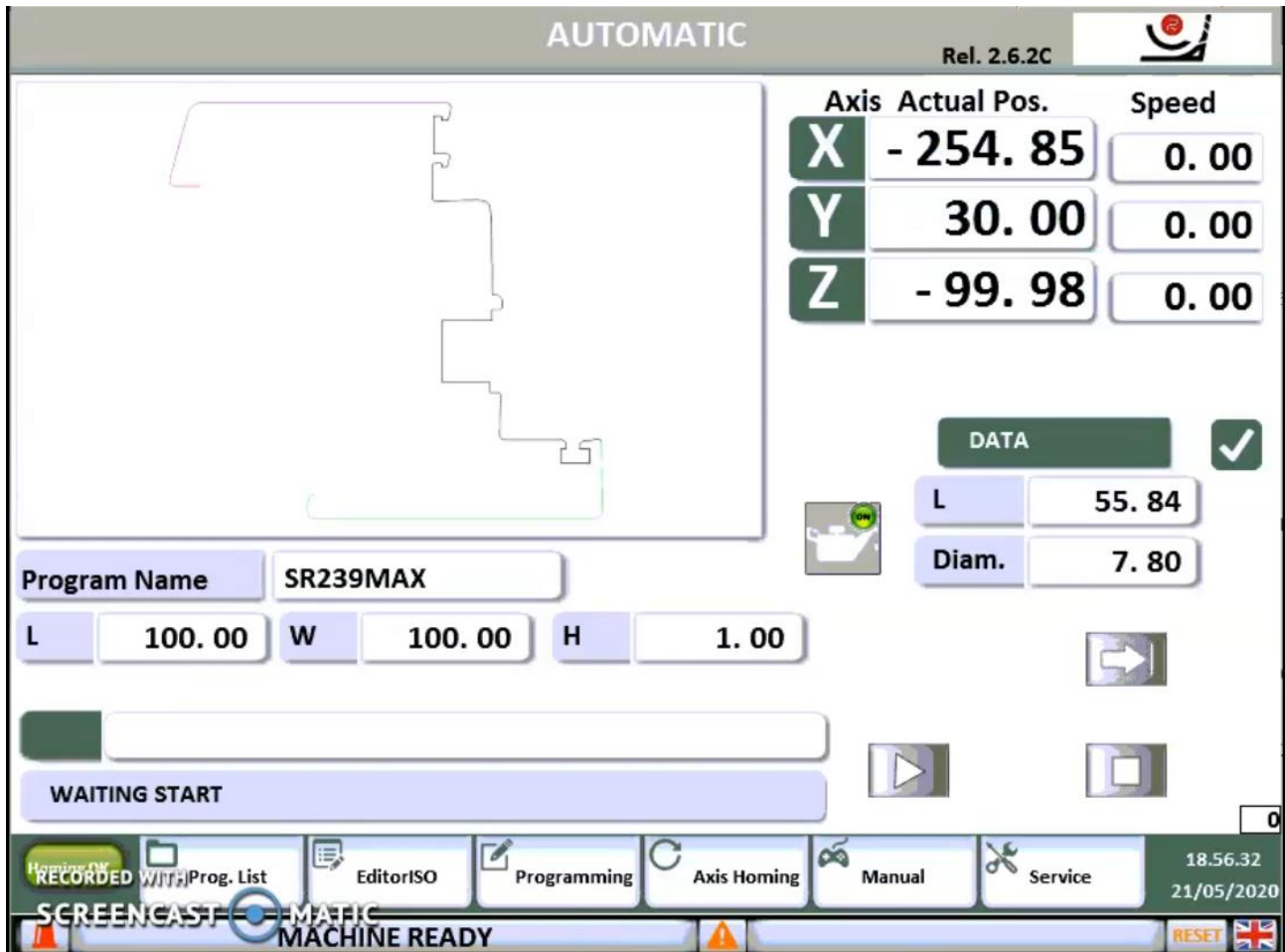
Spindle speed adjustment from 500 to 24000 rpm is controlled by a frequency inverter.

Numerically Controlled interpolation of X and Y. Axis' X, Y movements utilize brushless motors on ballscrews, Z axis utilizes brushless motor on helical rack .

The unit comes complete with 4 double effect pneumatic clamps for material fixturing.

Frontal and perimeter protection for safety included.





## Industrial CNC V8 with 8" Touchscreen display.

The machine through an easy and quick to use interface let you program what sides of the profile need to be milled.  
Software compensated tool diameter correction.

## Technical Data

X axis

**Stroke** mm. 550 at 16 m/min

Y axis

**Stroke** mm. 335 at 16 m/min

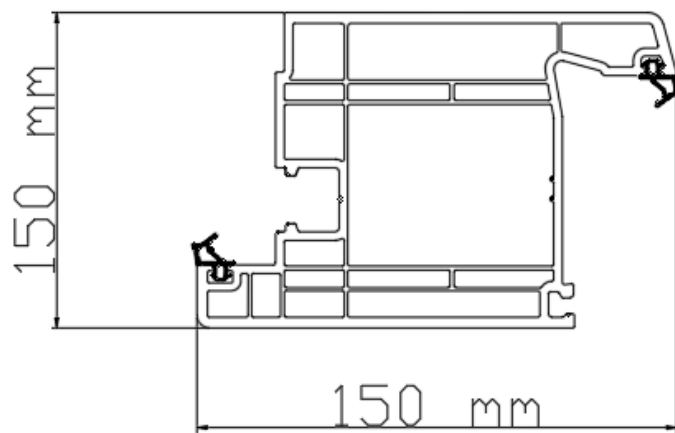
Z axis

**Stroke** mm. 150 at 16 m/min

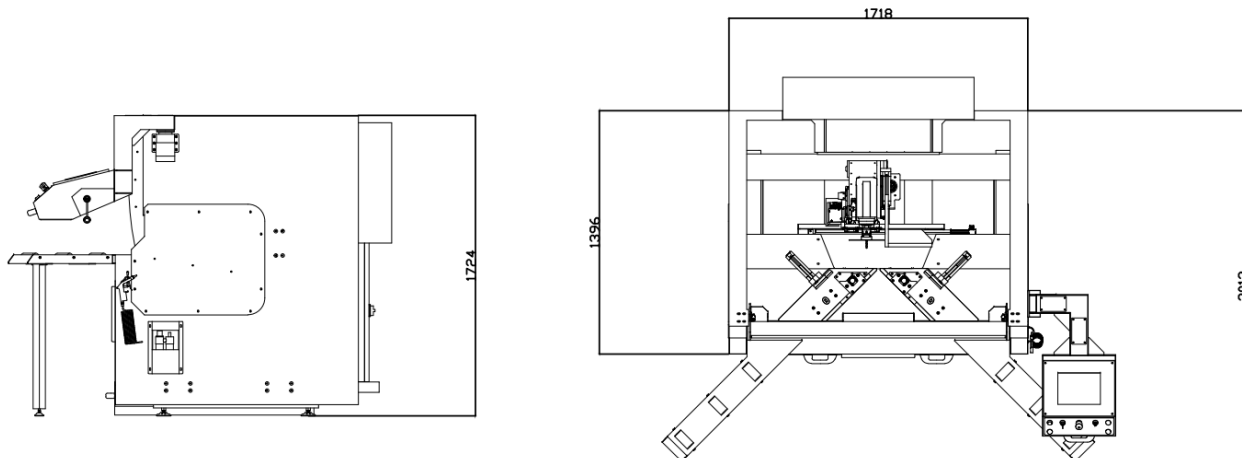
Electrospindle

**Speed** rpm 24000

**Power** kW 4,0

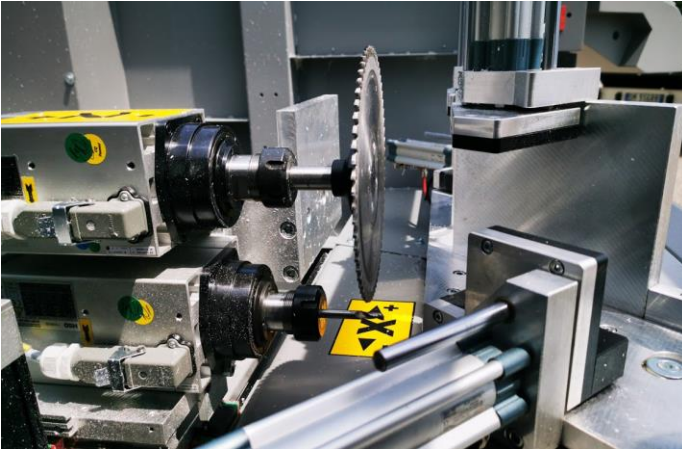


**Maximum profile dimensions**  
**Width 150 mm**  
**Height 150 mm**

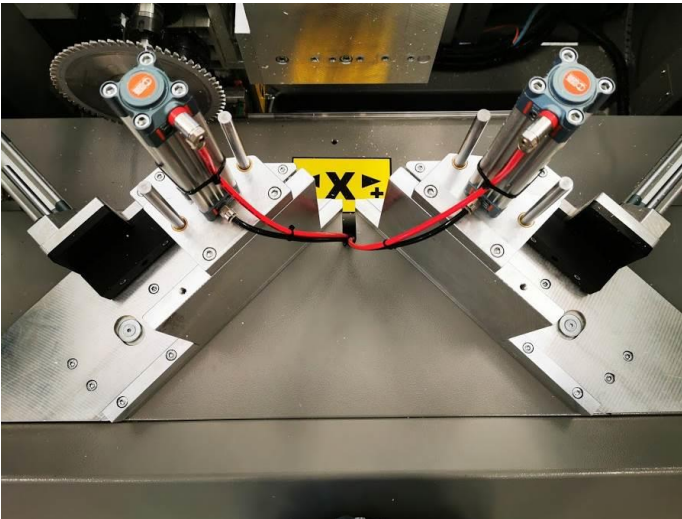


**Machine layout**

Standard equipment:



- No.2 Electrospindles 4.0 kW 500-24000 RPM with easy changing ER32 nut and collet system



- No.2 Horizontal Clamps and No.2 Vertical Clamps
- Cooling system by fan
- Industrial TouchScreen CNC 8"
- Dedicated easy-to-use on board software
- Ethernet interface for connection with LAN
- Operating Pressure 7 bar
- Air Consumption 35 NI/min
- Power at 400 V 9.5 kW
- Amperage 20 A
- Operator console on the machine
- Air gun and feel spiral plastic pipe
- Service spanner for cones
- Machine documentation
- CE Certificate
- User and Maintenance manual
- CNC Manual
- Electrical and Pneumatic Drawings
- Safety system with opto-electronic barriers
- ISO Standard programming language and with graphical Macro
- Communication system for remote control with Ethernet