

NUMERICALLY CONTROLLED CORNER CLEANER TORNADO CNC NEW

PREPARED TO BE LATER CONNECTED WITH A TURNING TABLE

The TORNADO CNC NEW CNC corner cleaning machine, with two controlled axes, is designed for the automatic cleaning of PVC frames and sashes.

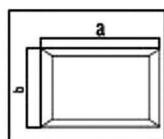
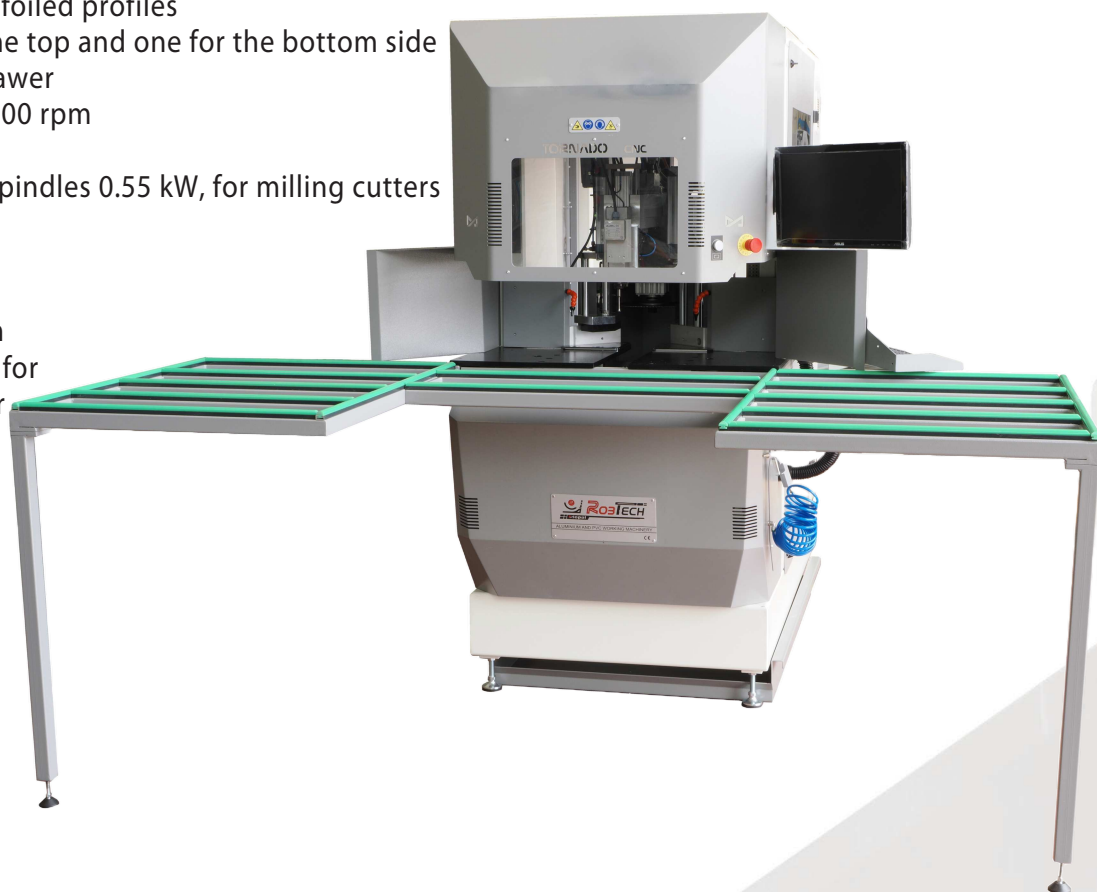
It is equipped with a Ø300 mm saw blade which, according to the selected program, allows the cleaning of the external corners of different profile types. The machine is also fitted with upper and lower knives for cleaning the weld bead on both white and coloured profiles, as well as upper and lower grooving tools for cleaning the internal corners.

Finishing of the internal and external corners, as well as the glazing area, is carried out by upper and lower milling units.

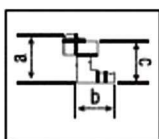
Each axis can be programmed independently through the intuitive software.

STANDARD EQUIPMENT:

- Upper and lower milling units for cleaning the gasket groove
- Front support table for the window and door frames to be cleaned
- Two grooving knives per each side (top/bottom), one for white profiles and one for laminated/foiled profiles
- Inner corner knives, one for the top and one for the bottom side
- Removable chip collection drawer
- Saw blade spindle: 1.5 kW, 2,800 rpm
- No. 2 chip-blowing nozzles
- No. 2 high-frequency electrospindles 0.55 kW, for milling cutters
- CNC control
- PC with monitor
- Mouse and keyboard
- Windows 10 operating system
- Serial and Ethernet interfaces for connection to a barcode reader and LAN
- Articulated operator console mounted on the machine
- Air gun with coiled hose



Min.:
350x350 mm



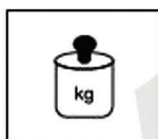
a Max.: 215 mm
a Min.: 35 mm
Max.: 130 mm



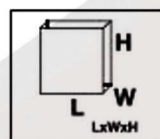
V : 400
kW: 3
A : 8



8-10 bar
540 litri/ciclo



450 kg



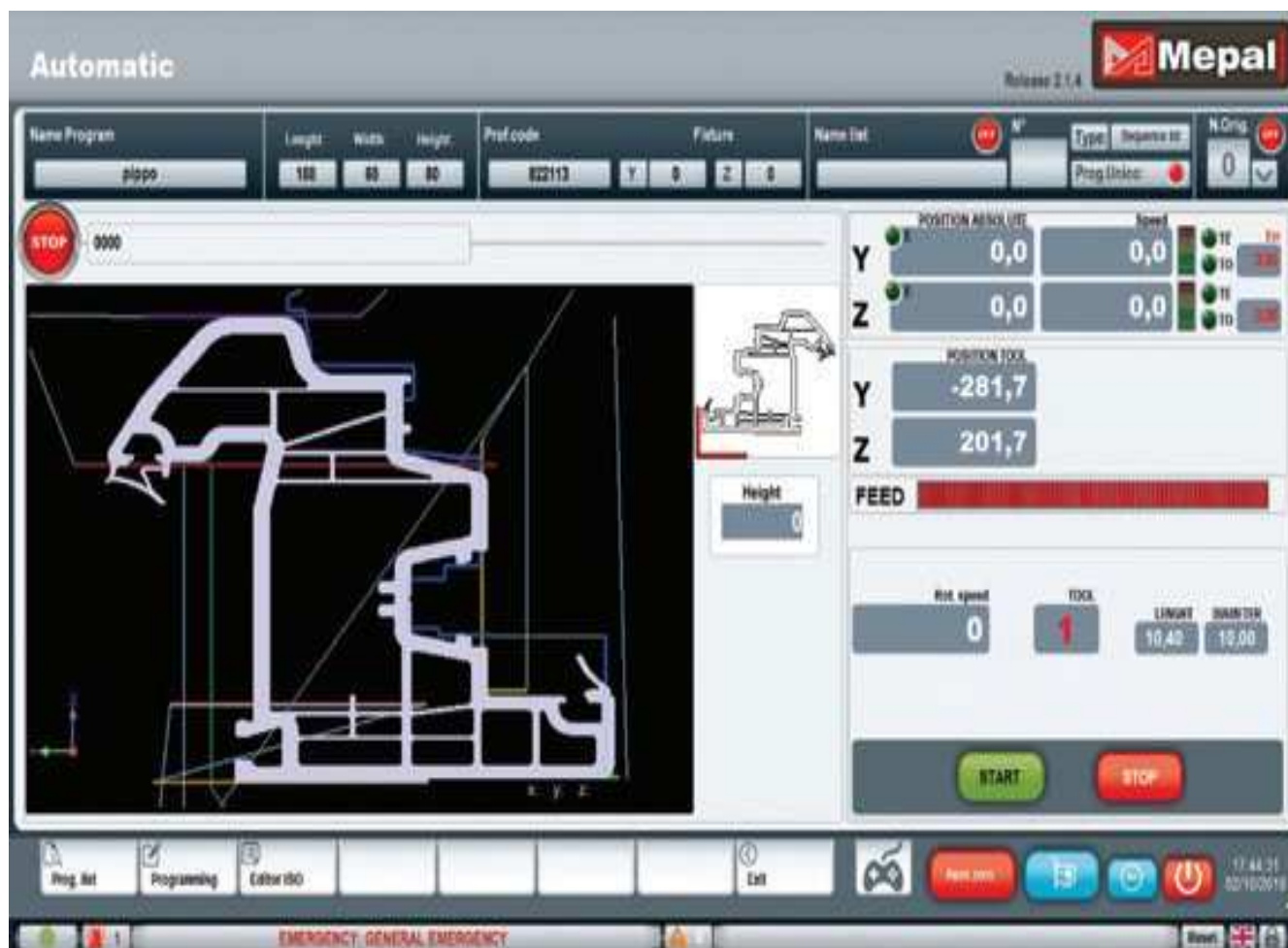
200x80x185 cm



Ø D.: 300 mm
d.: 30 mm

OPEN SOFTWARE FEATURING:

- Open programming: new machining cycles can be created directly by the user, with the basic programming procedures taught during training
- Programming via DXF files or self-learning mode
- No limit to the number of cleaning programs that can be created for new profiles
- Import of profile drawings in DXF format
- Graphic display of tool paths using different colours
- Automatic measurement of workpiece height and width
- Automatic profile height recognition, preventing operator errors when machining frames and sashes of the same profile or when working with different profiles
- Possibility of cleaning rounded profiles



OPTIONAL ACCESSORIES:

- Automatic workpiece turning device
- Barcode reader
- Finished-piece outfeed table
- Special grooving knives
- Knives for V-groove cleaning on the flat surface
- Dovetail milling cutter