



## ***Fermostop***

Single head cutting-off machines



Stop gauge and profile support system with movement of the stop on CN axis and electronic read-out by absolute magnetic band. Equipped with an electronic measurement system that allows to save data on internal memory or transferred in real time to a PC or to the control unit of a miter saw via Bluetooth. It allows machining with high accuracy and repeatability of positioning.



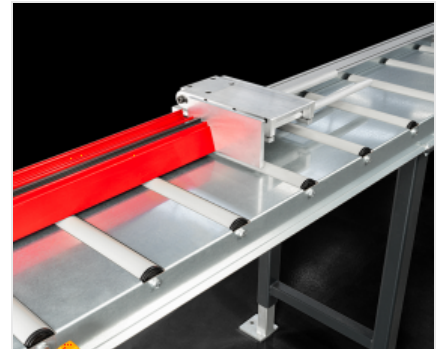
### Cutting-off machine connection kit

The support and measuring system can be combined with a wide range of machines. Through special steel bracket, the mechanical connection to the cutting machine is made precisely and rigidly.



### Roller

The profile is conveyed on rollers with a diameter of 50 mm that allow it to slide and position efficiently, avoiding surface damage.



### Reference stop

Reference is ensured by a mobile stop positioned on a carriage running on a linear axis. Positioning is ensured by a toothed belt protected from swarf, controlled by servodrive, which by means of a planetary gear allows accurate positioning of the length of the workpiece to be cut with a precise reference on the centre of the blade.



### Control

Through a tested PLC, it is possible to perform the preparation of cutting lists, then allowing the repositioning of the stop sequentially and automatically. The interface uses a 10.4" touch-screen display and software that allows manual data input or, alternatively, import from an external source.



### Enabling the import of cutting lists

The machine is preset to import cutting lists created by dedicated software. Processed files can be imported directly from a PC or mobile devices via standard interfaces, namely: USB, LAN, WLAN, RS232.



### Electronic glazing bead gauge

Instrument for measuring the length of glazing bead profiles. It can detect dimensions in two measuring ranges: 150 mm to 2350 mm and 803 mm to 3000 mm. You can switch from one range to the other at any time by pressing a button, thus obtaining a single wide work area from 150 mm to 3000 mm.



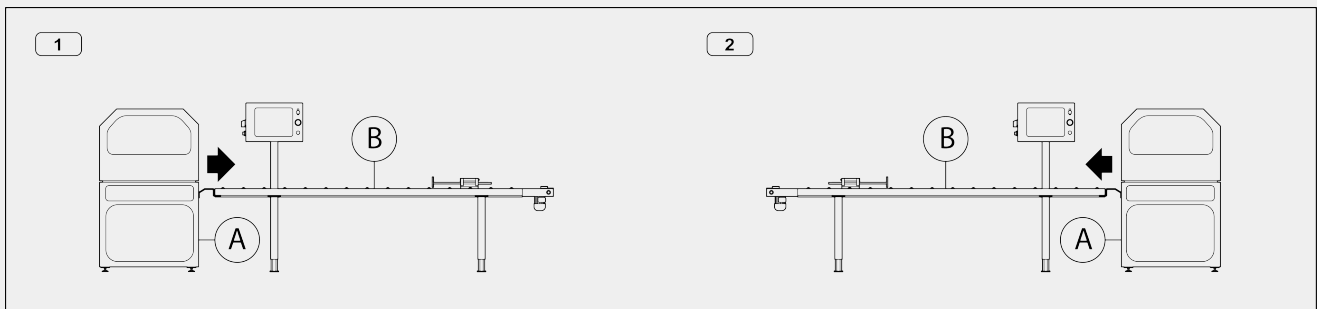
**FERMOSTOP / SINGLE HEAD CUTTING-OFF MACHINES**

**MACHINE CHARACTERISTICS**

Electronic control of the X axis	●
Plastic or steel rolls on roll-bearings	●
Driven by servodrive with planetary gear	●
Max. stroke (mm)	3.000 ÷ 7.000
Rollers width (mm)	300
Rollers diameter (mm)	50
Max loadable profile weight (kg/m)	100
Roller pitch (mm)	200
Rolls number on roller conveyor	15
Conveyor plane height (mm)	850 ÷ 1.030
Support feet number	2
Detection of moving stop position through direct measuring system with magnetic band	●
Lifting stop	●
Positioning accuracy (mm)	± 0,1 (*)
Tolerance on repeatability of measurement (mm)	± 0,1 (*)

(\*) The machine does not have a thermal deformation compensation system. The reported information refers to a temperature of 20°C

**LAYOUT**



1 - Left version - right side of the machine

2 - Right version - left side of the machine

A - Cutting-off machine  
B - Stop gauge

**COMMAND FEATURES**

PLC with integrated graphic colour display 15"	●
USB ports	1
Loading and managing of cutting lists	●
Connection of cutting cycle progress signal	●
Lan card WLAN	1
RS232 ports	1
Graphic operator interface software	●
Touch screen functions	●
RJ45 network card	1

**ELECTRONIC MEASURING TOOL FOR GLAZING BEADS**

Minimum measurable length (mm)	150
Maximum measurable length (mm)	3.000
Resolution (mm)	0,1
Accuracy (mm)	± 0,1
Nominal operation duration (hours)	150
Data recovery on internal memory	●
Data transfer via Bluetooth	●
Reference points for relative measurements	●
Power supply batteries	4 x 1,5V AA

Included ● Available ○