

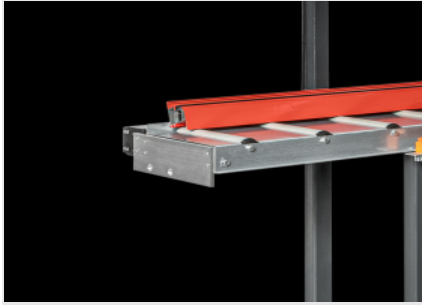


## *Fermostop*

Single head cutting-off machines

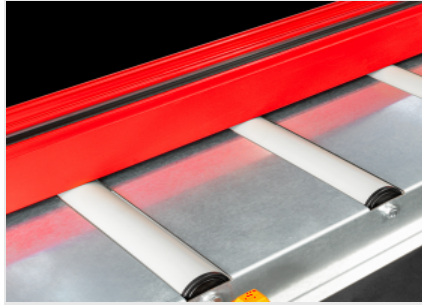


Stop gauge and profile support system with movement of the stop on CN axis and electronic read-out by absolute magnetic band. Equipped with an electronic measurement system that allows to save data on internal memory or transferred in real time to a PC or to the control unit of a miter saw via Bluetooth.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



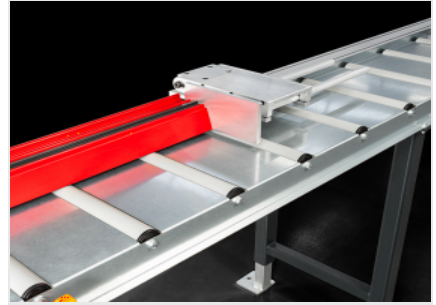
**Cutting-off machine connection kit**

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.



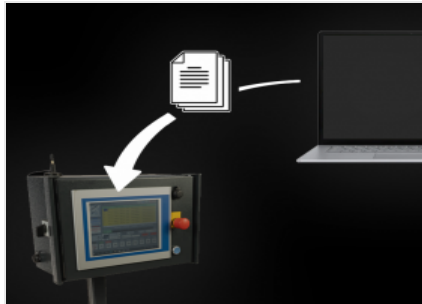
**Reference stop**

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.



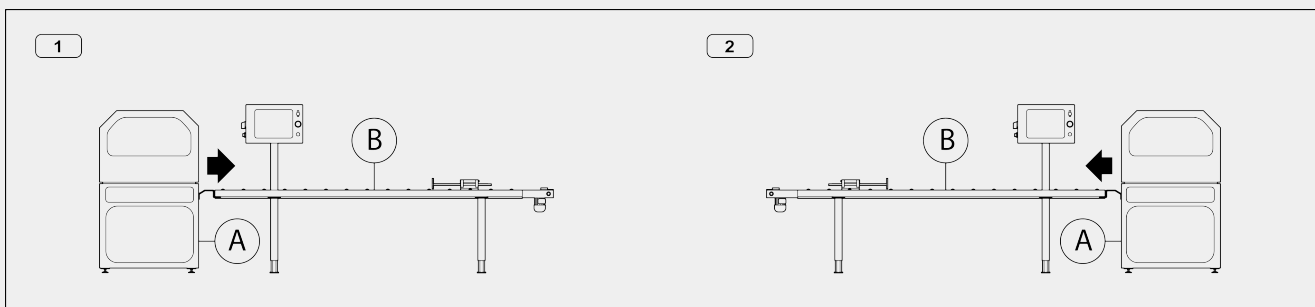


**FERMOSTOP / SINGLE HEAD CUTTING-OFF MACHINES**

**MACHINE CHARACTERISTICS**

Electronic control of the X axis	●
Plastic 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

**LAYOUT**



1 - Left feed      2 - Right feed

A - Cutting-off machine  
B - Stop gauge

**COMMAND FEATURES**

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

**Emmegi S.p.A.**  
Via Archimede, 10  
41019 - Limidi di Soliera (MO)  
ITALY

Tel +39 059 895411  
Fax +39 059 566286  
P.Iva/C.Fisc 01978870366  
info@emmegi.com  
www.emmegi.com

The right to make technical alterations is reserved.

**COMMAND FEATURES**

RS232 ports	1
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**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
Power supply batteries	4 x 1,5V AA
Nominal operation duration (hours)	150
Data recovery on internal memory	●
Data transfer via Bluetooth	●
Reference points for relative measurements	●

Included ● Available ○