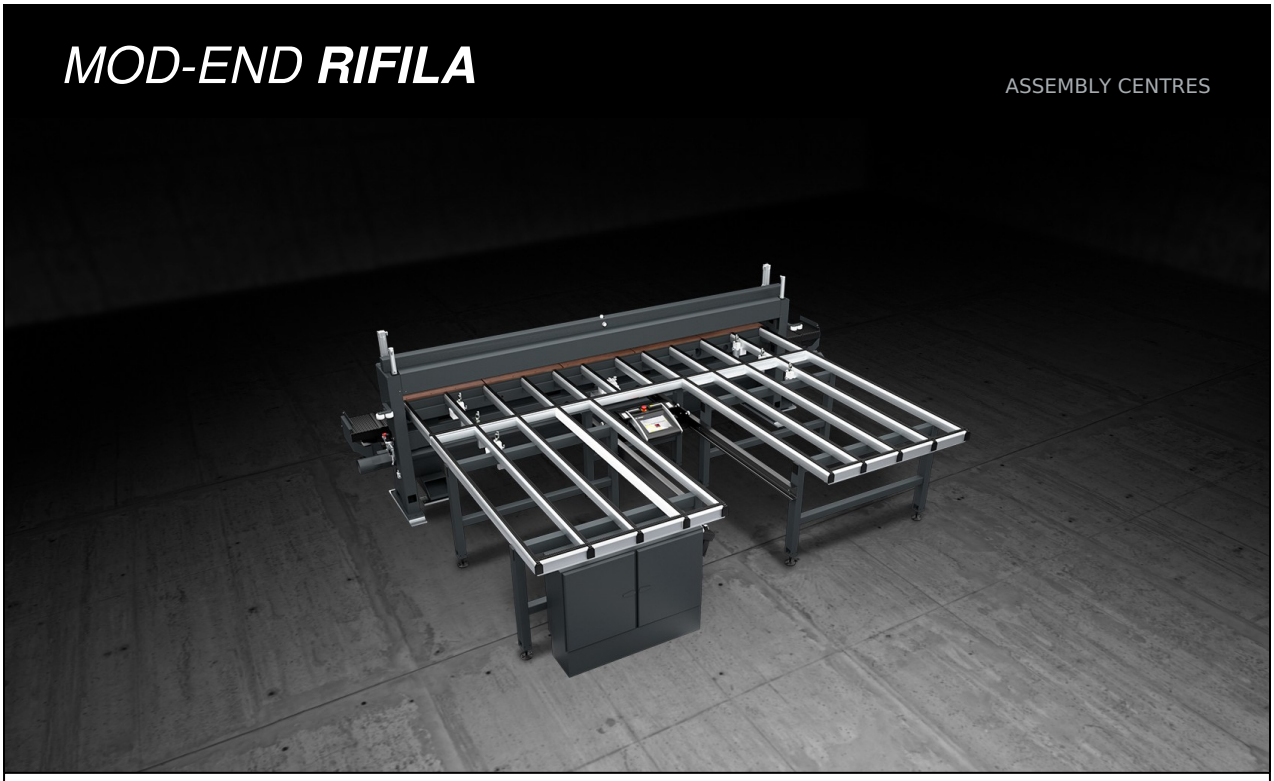
MOD-END **RIFILA**

ASSEMBLY CENTRES



MOD-END RIFILA is a semiautomatic-cycle trimming machine for PVC frames with two controlled axes. It is equipped with a CN cutting unit with adjustable advancement speed.

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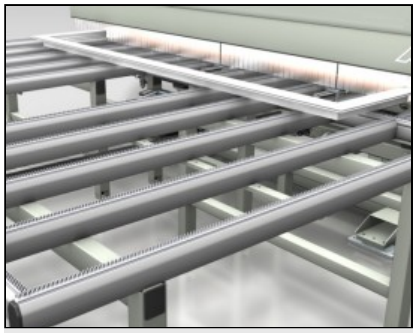
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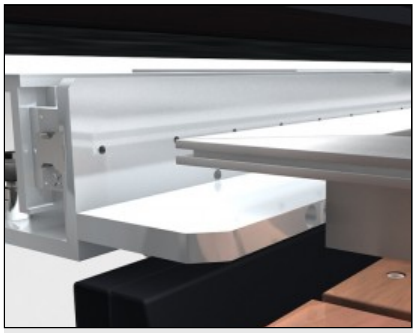
CN cutting unit

The cutting unit, including an integrated trim management device, is the heart of the system. It is equipped with a suction hood and in conjunction with its own exhauster ensures optimal removal of machining scraps.



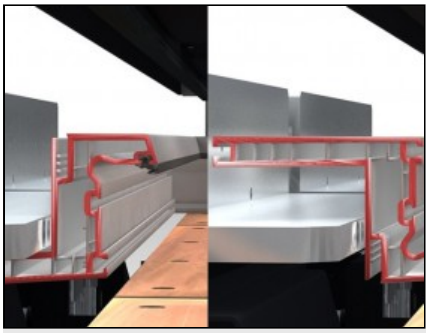
Wide supporting surface

The work bench is very wide and customisable to allow the translation of even large formats. Upon request it is equipped with pneumatic bench exchange to enable on the same bench also the assembly of windows.



CN depth stop

The reference device located near the blade ensures accurate and quiet positioning of the square to be trimmed. Its adjustment range is from 0 to 70 mm. With large formats, the device automatically expands the stop dimension to ensure perfect parallelism.



Hot and cold side profile trimming

Machining on the cold side of the frame, a typical position coming out of an automatic corner cleaning machine, is best suited for in-line operation. With a properly equipped work bench, a series of perimeter assembly/final inspections/checks can be performed on the frame itself. Machining on the hot side allows for the best assessment of the quality level of the cleaning stage.



Control

The ergonomic state-of-the-art control panel features a 10.4” touchscreen display and fully customised software and is packed with functions developed in the Microsoft Windows® environment specifically for this machine. The machining cycle can be optimised by creating cutting lists, thereby reducing scrap and cycle times for workpieces loading-unloading.

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MOD-END RIFILA / ASSEMBLY CENTRES

CHARACTERISTICS

Number of controlled axes	2
X axis stroke (mm)	3.100
Y axis stroke (mm)	70
X axis speed (m/min)	20
Max. air consumption (Nl/min)	25
Installed power (kW)	2,6

CUTTING UNIT

Rated power (kW)	2,2
Blade speed (rpm)	2.880
Blade diameter (mm)	400

FUNCTIONS

Manual frame positioning	●

WORKPIECE LOCKING

Pneumatic frame locking system with longitudinal hold-down device	●
Pneumatic profile alignment and straightening device	●
Workpiece reference stop near the machining unit	●
Retractable workpiece reference side stop in proximity of the machining unit for line operation	○
Profile locking dimension (mm)	40 ÷ 90
Maximum machinable square dimension - outer measurement (mm)	3.000 x 2.500
Minimum machinable square dimension - outer measurement (mm)	400 x 400
Max. machinable profile height (mm)	90
Min. machinable profile height (mm)	40
Max. machinable profile width (mm)	130
Max. machinable flap width (mm)	65

WORK BENCHES

Contact surfaces covered with brushes	●
Work surface height (mm)	950

Included ● Available ○

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