

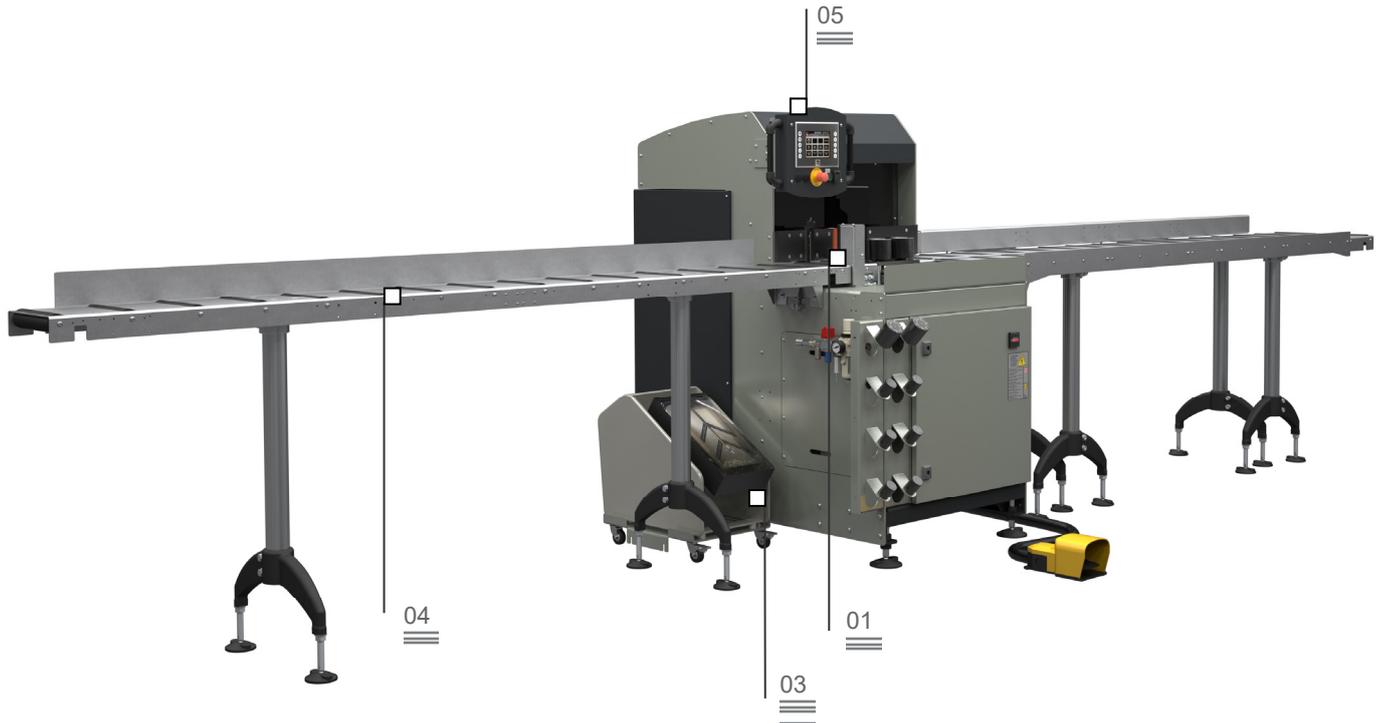
Drive rollers 01



Screwing with automatic feed 02

Fissamatic

Screwing centre for PVC profile reinforcements

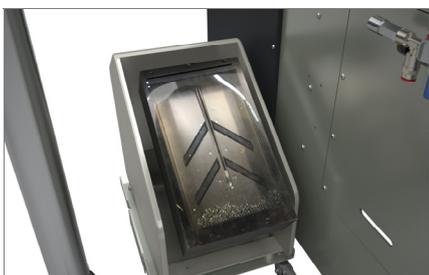


Screwing centre with controlled axis to screw the aluminium or iron reinforcement in the PVC profiles of shutters and frames. Screw feeding is automatic, the screwdriver height can be adjusted to 6 positions with presetting. As an option, it is possible to manage this adjustment via software through the NC Z axis. The work cycle is managed through an intuitive software that guides the operator through simple indications shown on the touch screen display. It can be directly connected to the PC by means of an Ethernet port (optional).

Screw feeder 03

Loading/unloading roller conveyor 04

Control panel 05



Fissamatic

Screwing centre for PVC profile reinforcements

01

Drive rollers

The profile is conveyed using motorised rollers via pneumatic hold-downs. According to the type of profile, it is possible to use suitable counterblocks for a better clamping and driving of the workpiece. The operation is activated by pressing the pedal which actuates the clamping of the workpiece and its screwing.

02

Screwing with automatic feed

Thanks to Fissamatic the screwing process becomes quick and easy: in fact just by pressing the pedal, profile clamping and screwing with automatic feed are activated simultaneously. In the basic version, the screwdriver height can be adjusted to 6 positions with presetting. As an option, it is possible to manage this adjustment via NC through the vertical axis.

03

Screw feeder

It allows feeding screws automatically in sequence and aimed correctly. Optionally, it is possible to add another screw feeder in order to have a greater production cycle efficiency.

04

Loading/unloading roller conveyor

An infeed roller conveyor and an outfeed roller conveyor serving for profile loading and unloading, provide an easy handling of the workpiece, thus requiring just minimum effort from the operator.

05

Control panel

The operator interface with 5.7" touch screen display allows identifying the workpiece position where the screw will be screwed both on the horizontal and vertical axis. This machine features a USB port to make data transfer easier.

MACHINE FEATURES

Setting of depth and torque of screwing	•
Screwdriver to be positioned on NC Z axis	○
Automatic feeding of the screws	•
Second screw handling	○

PROFILE POSITIONING AND CLAMPING

Profile forward movement through motorised rollers	•
Loading/unloading roller conveyor	•

SIZES

Machine dimensions LxDxH (mm)	5,700 x 1,215 x 1,500
Min./max. profile length (mm)	325 ÷ 2,500
Min./max. profile size (mm)	L= 40 ÷ 140 H= 40 ÷ 180
Min ÷ max screwing height (mm)	18 ÷ 168
Maximum weight of profile to be loaded (kg)	15
Weight of machine (kg)	360

- included
- available