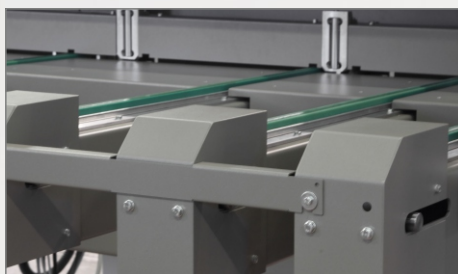


PERTICI INDUSTRIES

SC 65 Cutting centre



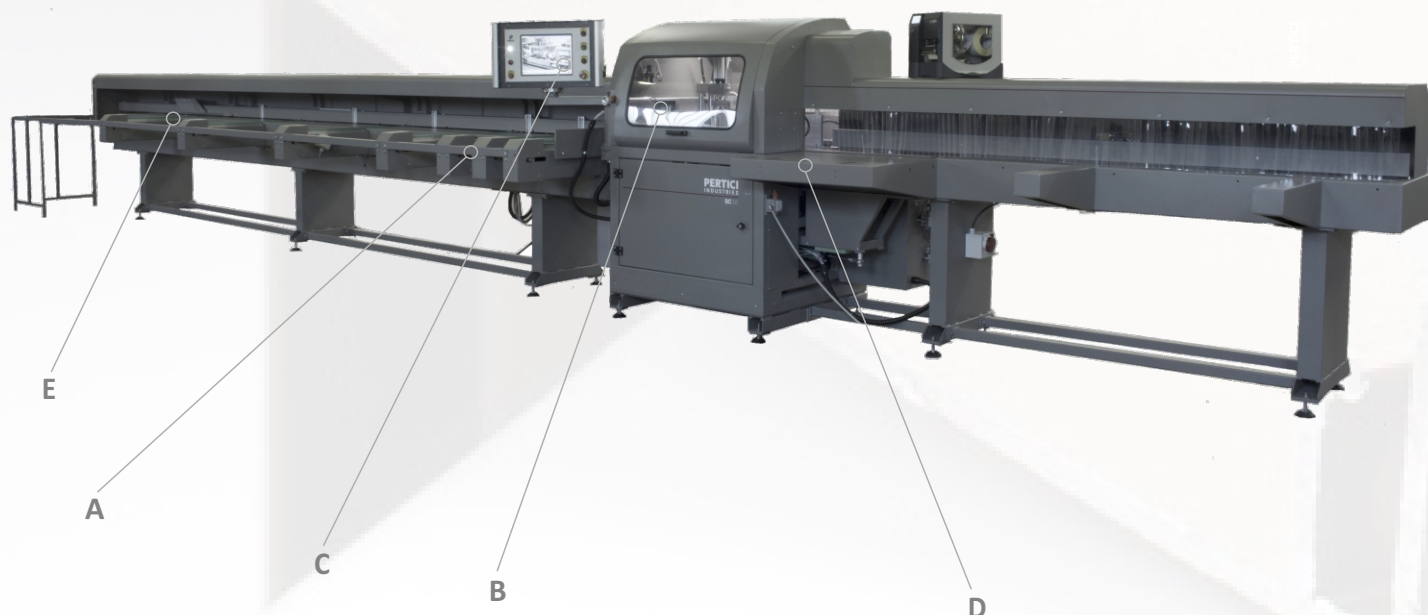
A

Loading unit

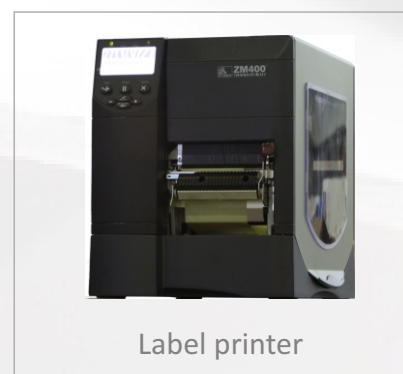


B

Cutting unit



Cutting centre SC65 for PVC profiles. Belt loading unit for 8, 10 profiles. Bar transfer from the loading unit to the cutting unit through an axis controlled bar pusher. Cutting unit with up stroke 600mm diameter blade. Angular positioning of the blade 45°, 90° 135° through a pneumatic device. Automatic positioning (as an option) for intermediate angles from 45° to 135°. Unloading unit and pneumatic controlled ejecting device. Work cycle management through industrial computer with static hard disk – USB port, 15" TFT colour monitor, touch screen. The machine is supplied as standard with industrial dust exhaust unit with chips collecting bags, motorized chips and scrap conveyor, industrial label printer. Maximum profile dimensions : width 156 mm, height 200 mm
Minimum profile dimensions: width 36 mm, height 30 mm

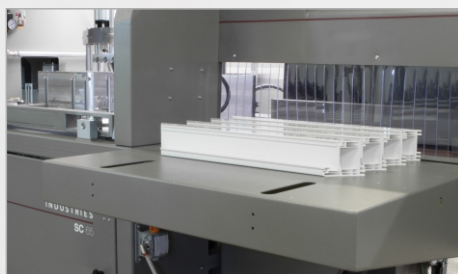


Label printer

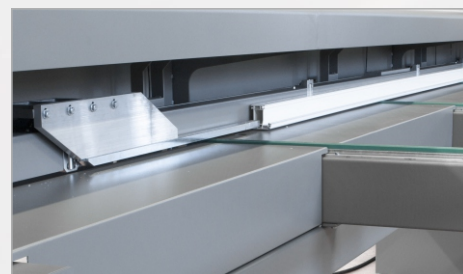
C Operator interface



D Unloading unit



E Bar pusher



A

Loading unit

Loading unit with capacity of 8-10 bars, depending on the dimensions of the profile section.
Bar presence detection device on automatic bar pusher.
Double belt system for loading of offcut pieces (minimum length of the offcut piece 400 mm).
Bar loading unit with belts.

B

Cutting unit

Blade rotation by pneumatic or brushless motor (as option).
Up stroke 600mm diameter saw blade. Possible cutting angles 135° - 90° - 45° .
Pair of horizontal and vertical clamps with clamping capability (min. 36mm -max 156mm)
3 HP three-phase electric motor.
Centering device, which allows to always have the centre of rotation of the cutting unit matching with the centre of the profile section, in order to also carry out wedge cuts automatically.
Front door for free access to maintenance in the cutting area.

C

Operator interface

Industrial computer 15" LCD colour monitor.
Touch screen keyboard.
Flash disk.
USB Port.
Ethernet socket.
PLC for management of working cycle. Manual control of each function from monitor and keyboard.
Storage of profile data and view of dxf profile section.
Viewing and/or editing of cutting lists.
Optimization of cutting lists.
Off-cut reuse management.
Off-cut reuse on cutting centre or on external saw (creating labels).
Bitmap printing on labels.
Reception of cutting lists from USB devices.
Cutting lists and profile data almost unlimited.

D

Unloading unit

Automatic unloading device of cut pieces. Unloading storage unit with safety photocell-
Maximum unloading capacity 10 -15 pieces (unloading unit extension as an option).

E

Bar pusher

Automatic bar pusher, with controlled axis linear unit, to move the bar towards the cutting unit .
Safety guards to cover the linear positioning unit.



Cutting unit and operator interface



Cutting unit

Cutting diagram SC 65

