PROFILES FLOCKING LINE

Sanding Machines - mod. SUC3 and mod. SUC2+1





SUSTAINABLE MACHINERY CERTIFICATIO

ED MANAGEMENT SYS

The Sanding Machines mod. SUC3 and SUC2+1 are specifically manufactured to sand profile surfaces where adhesives will be deposited.

This treatment is suggested for optimal adherence on EPDM profiles especially.

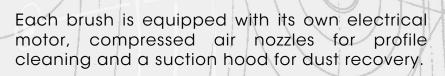
It is for modular machines that are to be installed downstream the extrusion line.

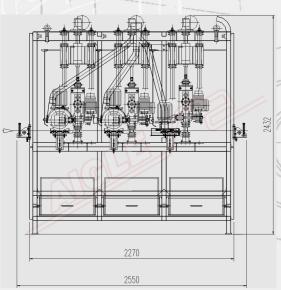
The unit SUC3 consists of three rotating brushes with special abrasive bristles. The brushes are mounted in order to work on a horizontal axis relative to the profile surface and can be adjusted horizontally and vertically at ±45° relative to their axes. Each brush is equipped with its own electrical motor, compressed air nozzles for profile cleaning and a suction hood for dust The brush position recovery. micrometre adjustment is on three using three motoreducers axes, controlled externally.

The unit **SUC2+1** consists of similar three rotating brushes with special abrasive bristles, but the first and second brush are mounted in order to work on a horizontal axis relative to the profile surface, while the third one works on a vertical axis. The first two brushes can be adjusted horizontally and vertically at $\pm 45^{\circ}$ relative to their axes, while the third brush can be adjusted horizontally and vertically at $\pm 20^{\circ}$ relative to its axis.

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Both units consist of:

- A brush position micrometre adjustment on three axes, using three motoreducers controlled externally
- Pneumatic piston release of each brush when the production line stops
- Three special guides that can be adapted to the profile shape using a hand wheel, thus eliminating the specific guide normally used
 A dry filter system dust suction group.
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- The sanders are equipped with a switchboard on the machine that facilitates the control and management of each brush.

The sanders have large windows that allow easy access for cleaning and maintenance.

At the base of the units there are mounted manifolds for easy access to collect the dust.

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TECHNICAL DATA

Horizontal axis brush diameter

SUSTAINABLE MACHINERY

200 mm

Vertical axis brush diameter

Brush type

Brush motor

Power supply

ED MANAGEMENT SYST

Installed power

150 mm

abrasive nylon

0,9 kW- 1400 rpm

400 V/50 Hz/three-phase

5 kW