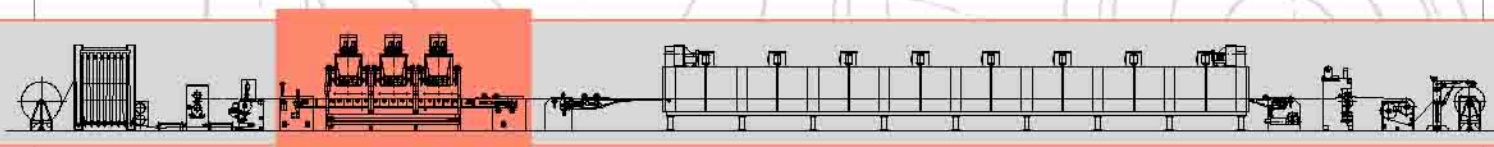


FLOCKING LINE



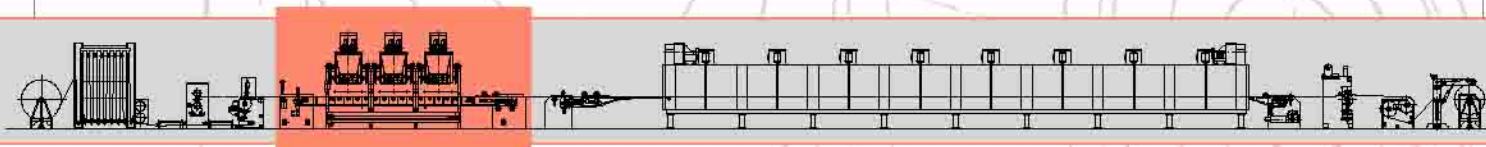
Flocking Machine - mod. FR6



The **Flocking Machine mod. FR6** consists of three base modules, each one including:

- Two electrostatic hoppers with two multi-row rotating brushes. Each brush is opposed to a stainless steel screen. Rotation speed and pressure are both adjustable. The screen can be easily removed
- Lifting system to adjust gap between hoppers and fabric
- Set of beater bars rotating at high variable speed. Below the beater bars a collector recovers flock falling outside the fabric. The collector is equipped with a screw conveyor in order to connect it to the suction system
- Safety sealing of the flocking field with aluminium and glass windows, in order to prevent flock pollution. When the windows are opened, the electrostatic field is automatically disconnected and ground connected
- **Electrostatic Generator mod. EG/100**
Power: 0 ÷ 6 mA
Tension: 0 ÷ 100 kV
- A pre-feeder placed on top of the machine, which stores flock and constantly feeds it to the flocking hoppers. Flock level inside each flocking hopper is controlled automatically. »

FLOCKING LINE

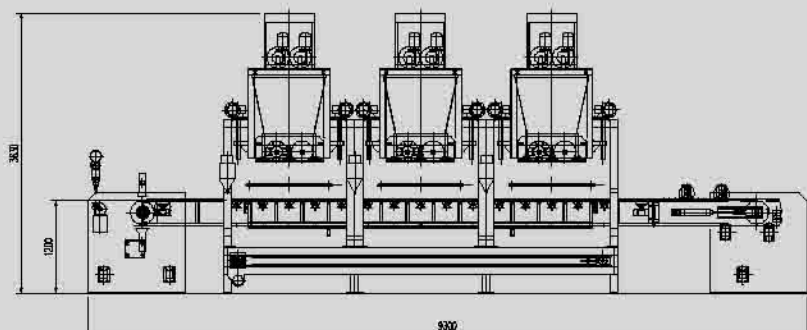


Flocking Machine mod. FR6 is built in two different versions:

- with stenter, to flock knitted and regular fabrics (picture 1)
- with conveyor belt, to flock heavy fabrics and other supports, such as paper, plastic, etc... (picture 2)

Main features of the flocking machine are:

- Hoppers which handle flock very carefully, thus preventing it from agglomerating and rolling up into balls
- Uniform, constant and accurately adjustable flock distribution, both on width and length of the fabric
- Electronic controls to maintain constant flock level inside the hoppers
- Light-weight and balanced beater bars, built with special hexagonal aluminium sections and exclusively designed by AIGLE, in order to ensure maximum fabric vibration uniformity
- Pre-cleaning suction blades, which remove excess flock from fabric
- Easy access, to reduce color change operation time
- High insulation factor, to avoid electrostatic field dispersions
- Maximum penetration of flock into the adhesive, thanks to the power of generators employed and the quality of the beater bars. As an exclusive result, the finished product will be highly resistant to washing and abrasion.



TECHNICAL DATA

Useful width	max. 350 cm
Mechanical speed	40 m/min. max.
Power supply	400 V/50 Hz/three-phase
Installed power	25 Kw
Compressed air	7 ± 1 Kg/cm ²



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Certified Quality System
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