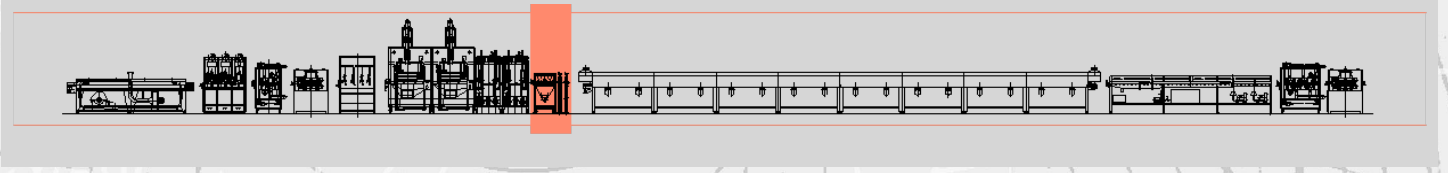
PROFILES FLOCKING LINE

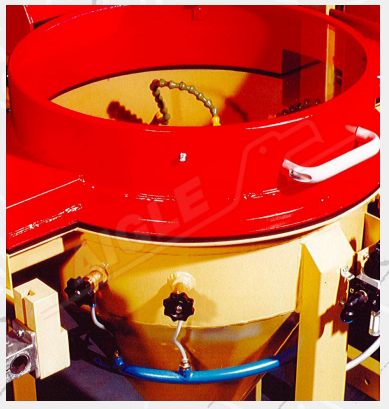


Suction and Pre-Cleaning Group mod. PRCP and mod. Jet-Matic

The **Suction & Pre-Cleaning Group mod. PRCP and mod. Jet-Matic** is placed after the flocking machine to ensure a good pre-cleaning of the profile prior to its entrance in the oven and also to avoid excessive dispersion of flock during the various working phases.

The **PRCP** unit consists of a pre-cleaning unit composed of a series of compressed air blowing nozzles placed above and below the profile. Air flow rate and pressure, as well as nozzle orientation, are easily adjustable. A depressurized cleaning column is connected to a powerful fan and to the flock recovery suction group. The units are connected to the central suction system through flexible pipes. Normally the suction system consists of a suction fan connected to air intakes, to flocking machine suction hoppers, and to a wide-surface filter integrated in the conditioning system.

The **Jet-Matic** unit consists of a series of compressed air nozzles, placed above and below the profile. Air flow and pressure, as well as nozzle orientation, are easily adjustable. The unit is connected to the central suction system through hoses. Normally the suction system consists of a suction fan connected to air intakes, to flocking machine suction hoppers, and to a wide-surface filter integrated in the conditioning system.



The pre-cleaning after flocking is a very important phase in the process of flocking profiles; this operation is vital for the correct functioning of the flocking production line:

- Oven's cleaning maintenance
- Operations of cooling and final cleaning
- Flock consumption
- Reduced flock pollution

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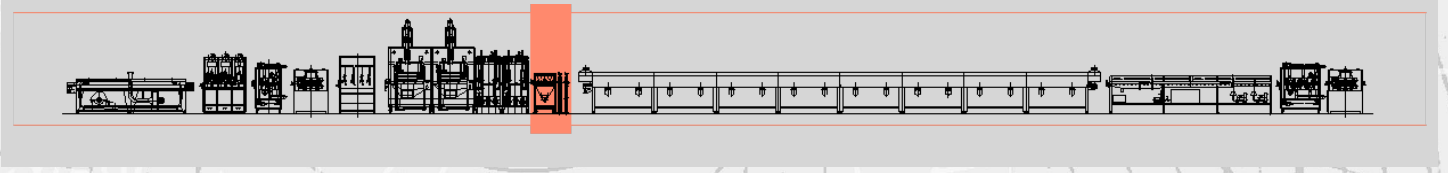

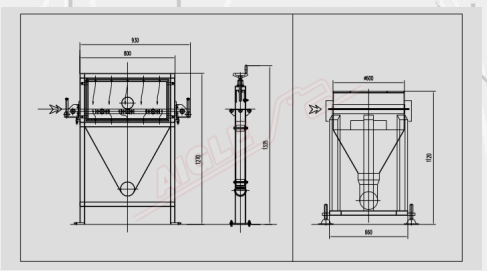

An efficient pre-cleaning eliminates a lot of waste, making the process of flocking competitive.

Devices with a high pre-cleaning performance have been developed. The main characteristics of these units are:

- Air is blown through calibrated air pumps instead of compressed air. This system also avoids a large consumption of compressed air.
- Air nozzles which are interchangeable in function for the different processes of flocking
- More effective suction to improve the overall process
- Possibility to recycle the recovered flock and remove any remaining glue in the flock mixture

TECHNICAL DATA

Mod. PRCP

Column fan capacity	1330 m^3h
Column fan head	418 $Kgfm^2$
Power supply	400 V/50 Hz/three-phase
Installed power	3 kW

Mod. Jet-Matic

Power supply	400 V/50 Hz/three-phase
Installed power	7,5 kW
Column fan capacity	4000 m^3h

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