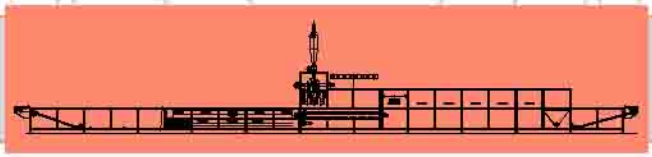
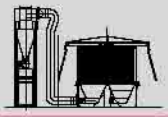
PROFILES FLOCKING





Discontinuous Flocking Line for Cut Profiles

The following is the standard setup of a **Dicontinuous Flocking Line for Cut Profiles**, which can be easily customized:

Cycle description:

- the profile that requires flocking is manually positioned on specific templates mounted on the conveyor
- the operator starts the cycle: pre-treatment, glue application and flocking are performed only when the profile is in the correct position
- the operator unloads the profile.

Line description:

- **Chain conveyor** with step by step motion and variable speed, motorized with an inverter equipped A.C. motor and profile positioning templates
- **Pre-treatment station** to be equipped for sanding, corona or plasma treatment
- **Glue application station** equipped with a suction hood, to be connected outside the premises. Glue application is performed manually
- **Flocking station** mounted in a vacuum cabin to avoid flock pollution, equipped with:
  - flocking hopper and/or electro-pneumatic flocking guns
  - flock recovery system
  - electrostatic generator
- **Pre-cleaning station** consisting of a second cabin similar to the flocking cabin, equipped with compressed air orientable nozzles, in order to clean both profile and conveyor. The cabin is connected to the suction system for exceeding flock

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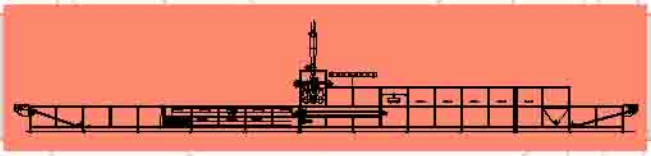
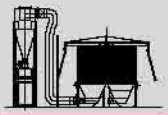
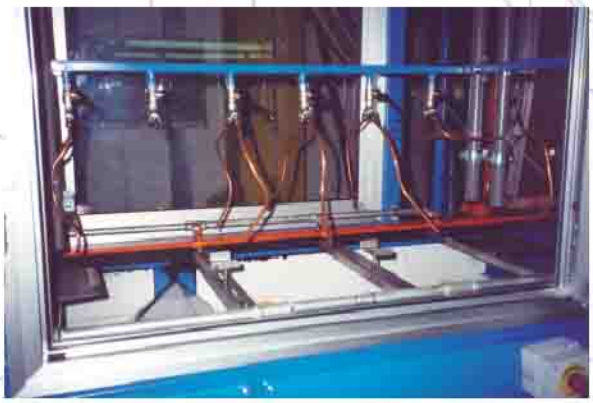
PROFILES FLOCKING



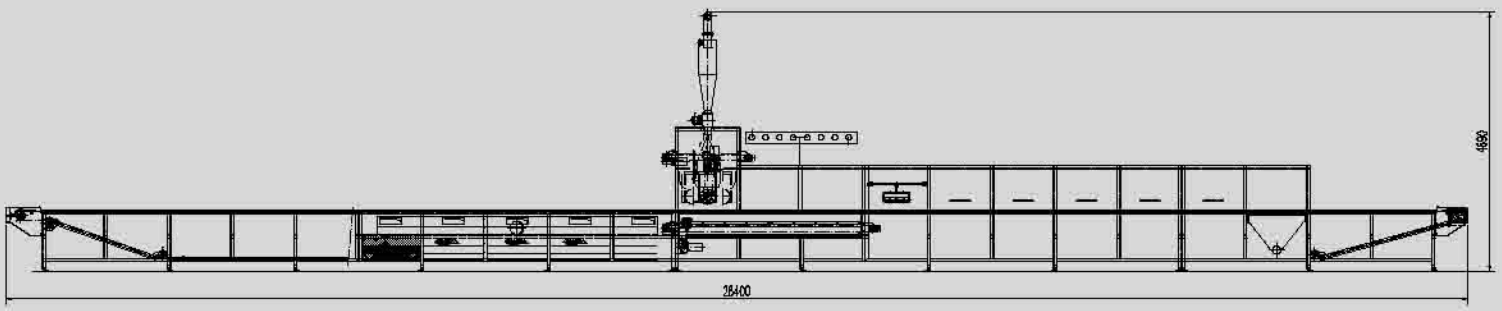




- **Drying stations**, each one including:
  - infrared ceramic radiators, adjustable on three axes
  - radiators pneumatic lifting device, in case of prolonged line halt
  - electronic energy regulator
- **Final cleaning station**, similar to pre-cleaning station
- **Control panel.**

Options:

- Three axes servo drive equipment for:
  - corona or plasma treatment station
  - glue application station
- Self-learning robot for:
  - corona or plasma treatment station
  - glue application station.



TECHNICAL DATA	
Cycle type	step by step
Power supply	400 V/50 Hz/three-phase
Compressed air	7±1 Kg/cm²

ISO 9001:2000
Certified Quality System
IT-50269

AIGLE