PROFILES FLOCKING LINE



Flocking Machine Group - mod. F-01-800



The **Flocking Machine mod. FR1/R** can be used independently or combined, either with one module or more, in order to obtain higher flocking speeds, or with a Flocking Machine mod. FR/ESP for flocking undercut profiles.

The module includes:

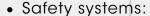




A flock distribution section, consisting of a longitudinal flocking hopper containing a rotating brush. The brush is opposed to a wire mesh frame that can be easily removed for cleaning. Brush rotation speed can be adjusted and a motorized system allows for the adjustment of hopper height, relative to the profile as well.



A flock recovery and recirculation section, consisting
of a flock collector installed in the lower section of
the machine which is equipped with a screwconveyor which transports flock back to the flocking
hopper. Flock level inside the hopper and collector is
measured and controlled by sensors. The unit must
be connected to a suitable suction group.



- Sealed aluminium and glass windows placed on the front and rear sides. The unit is depressurized in order to prevent flock pollution and protect the operator from the electrostatic field
- Automatic grounding system, discharging high voltage to the ground when generator is shut off or when the windows are opened
- An on-board control panel operator.











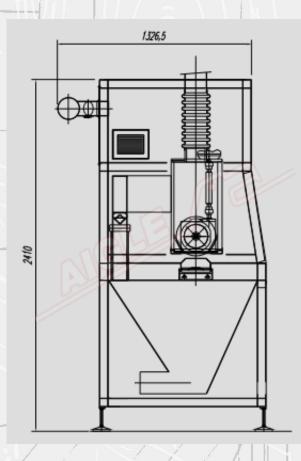
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Recirculation Group – Mod. FC

The flocking group is connected to a vertical filter and to a cyclone. Medium filter: needle-punched polyester felt with anti-static coating and surface coating microporous.

- Filter in sturdy sheet with access door for inspection
- Filter bags mounted in the front
- A cleaning system including: diaphragm valves, pipes blowers, compressed air tank with a differential pressure gauge, scale graduation 400-500 KPa. and at the bottom a dust collecting hopper with flange connection and support
- A filter for vacuum levels up to 5 KPa. and pressure levels up to 3 KPa.
- Air intake for dust and clean air outlet with flange connection
- A cabin with air conditioning.



TECHNICAL DATA

Useful 150 mm flocking width

Electrical field 800 mm length

Power supply 400 V/50 Hz/three-phase

Installed 2,5 kW power







