

PROFILES FLOCKING LINE



Flocking Machine - mod. FR1/R

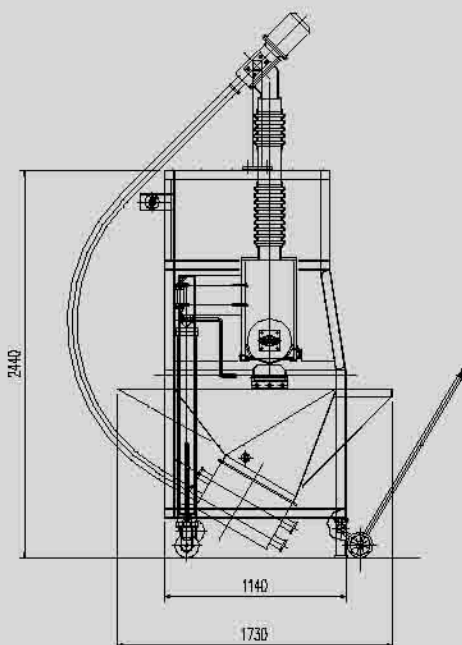


The **Flocking Machine mod. FR1/R** can be used independently or combined, either with one or more modules in order to obtain higher flocking speeds, or with a **Flocking Machine mod. FR/ESP** to flock undercut profiles.

Each module includes:

- **Electrostatic Generator mod. EG/100**
- **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 adjustment of hopper height relative to the profile as well.
- **Flock recovery and recirculation section**, consisting of a flock collector installed in the lower section of the machine, equipped with a screw conveyor which transports flock back to the flocking hopper. Flock level inside hopper and collector is controlled by sensors. The unit must be connected to a suitable suction group.
- **Safety systems:**
 - sealed aluminium and glass windows placed on all sides. The unit is depressurized in order to prevent flock pollution and protect operator from the electrostatic field
 - automatic grounding system, discharging high voltage to the ground when generator is shut off or windows are opened
- On-board control panel
- Internal lighting to check working area.

The unit can be controlled with a PLC system.



TECHNICAL DATA

Useful flocking width	150 mm
Electrical field length	800 mm
Power supply	400 V/50 Hz/three-phase
Installed power	2,5 Kw

