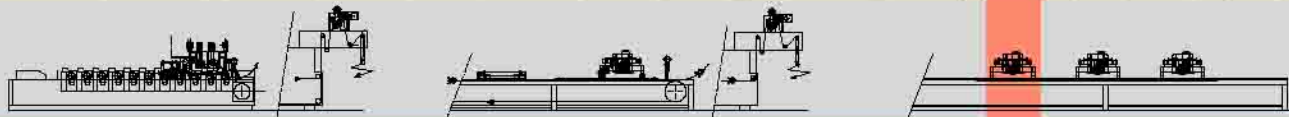


FLOCK PATTERNING FOR ROTARY & FLAT SCREEN PRINTING LINES



Multicolor Flocking for Flat Screen Printing Lines



The system is composed of one or more **Flocking Units** that can be mounted on the stations of any flat screen printing line. Each flocking unit is loaded with flock of a different color. As the fabric stops in-between printing phases, the units flock the portion of fabric underneath. Flock passes through the screens thus covering the desired portion of the drawing with the specific color.

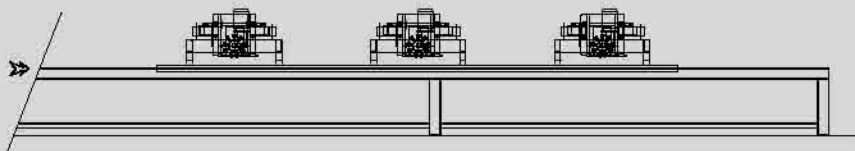
Flocking units' motion is synchronized with the speed of the printing machine through a computerized system.

A suction blade for flock pre-cleaning is mounted at the end of the flocking process. Brushing is provided at oven outlet.

The machine can operate with sheets and with continuous material as well.

Each unit is composed of:

- **Electrostatic flocking hopper**, with a variable speed rotating brush for flock distribution. The brush is mounted on a frame with two insulated supports, and is equipped with a manual system to adjust distance from the surface which requires flocking
- High voltage **Electrostatic Generator mod. GE/101/NEA**, with adjustable tension from 0 to 50,000 Volts
- **Motorization**; the flocking unit relies on the flat screen printing machine's motion system
- **Control Panel**, equipped with a PLC to handle all unit's control and adjustment parameters.



TECHNICAL DATA

Useful width	to be agreed upon
Power supply	400 V/50 Hz/three-phase
Installed power	0,5 Kw



ISO 9001:2000
Certified Quality System
IT-50269

AIGLE