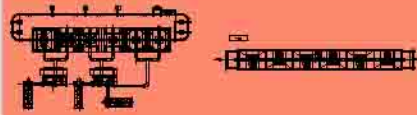


# OBJECT FLOCKING



## Automatic Plant for Glove Compartments Flocking



Car factories nowadays are using an increasing variety of flocked plastic components for car interiors (glove compartments especially), even on low budget vehicles.

**AIGLE has developed an automatic flocking plant for glove compartments with three main features:**

- automation, in order to increase productivity and reduce defectiveness
- high productivity, resulting in labor cost reduction
- versatility, to work with different types of glove compartments.

**Design and construction are based on the following principles:**

- movement of the parts through modular flocking and pre-cleaning stations, using a chain conveyor with step-by-step motion
- electropneumatic flocking stations for fiber distribution, with a special device to filter and recover exceeding flock
- flocking stations are equipped with motorized multidirectional motion systems, allowing for great uniformity of the flocked surface
- the plant is equipped with a strong electrostatic field, thus making flock highly resistant to abrasion
- the plant is completely sealed as well, in order to minimize working environment pollution
- a high-potential glue drying oven is provided.



In order to control main production parameters, the system is run through PLC. It is also possible to set recipes for specific items, so that production parameters can be stored and used again for similar working processes.

