This new range of Automatic Screen-Printing machines is very versatile and innovative; its modular system allows to use the machine without glass size limits. In addition, each model has a wide minimum and maximum range of glass sizes, in fact the same model can print from a minimum size of 40x500mm up to a maximum size of 1800x2500, without losing its output capacity.

1. MOBILE BRIDGE-PRINTING SYSTEM

The mobile bridge-printing system is one of the latest innovations, thanks to which the operator has complete access to the printing area.

2. CONVEYING SYSTEM

The conveying system can be equipped with belts or bands depending on the sizes to be processed. In case of belt-type conveyor, the glass can be placed and centred to the nearest point and most comfortable side for the operator thus facilitating any operation.

   Belt-type conveyor

   Front retainer

   Band-type conveyor

   Automatic adjustment by operator interface according to glass thickness

3. SCREEN SUPPORT UNIT

Screen blocking by pneumatic cylinders

   Screen-holder up/down automatic system with automatic screen positioning at height according to the glass thickness to be printed;
   Out-of-contact movement with compensation system;
   Automatic movement system that allows to compensate screen mesh loss of tension over time, ensuring equidistance between scraper and mesh, thus allowing to obtain a perfect and uniform enamel spreading.
   Each setting is performed by the operator through the Touch-Screen panel, that also allows to save data, to create and recall processing recipes.

4. OPERATOR INTERFACE

   Touch-Screen panel

5. DOCTOR BLADES UNIT

• Automatic adjustment of the pressure of the application blade, according to the thickness of the glass to be enamelled;
• Blocking of blades by means of pneumatic cylinders;
• Integrated anti-drip system.
It is not an advertising invention, but rather the result of years of research oriented towards technological innovation.