

The edge roller coating machine was designed for coating the edges of a glass panel with any type of enamel irrespective of the glass edging width. The main technical features of the **edge rolling coating machine** are:

### 1. ROLLER CONVEYORS

- Glass sheet automatic feeding through motorized roller conveyor equipped with perfectly straight rollers and production speed change by a touch-screen operator interface;
- Lifting platform with balls, which ensure a perfect lifting-up of the glass, facilitating its handling;
- On the opposite side of the application head, there is a retractable support system for large-size glass sheets, facilitating their handling.



### 2. AUTOMATIC ABUTMENT SYSTEM

Automatic system to determine a precise zero point and the width of the glass sheet edge to be enamelled, which can be programmable through the operator interface.



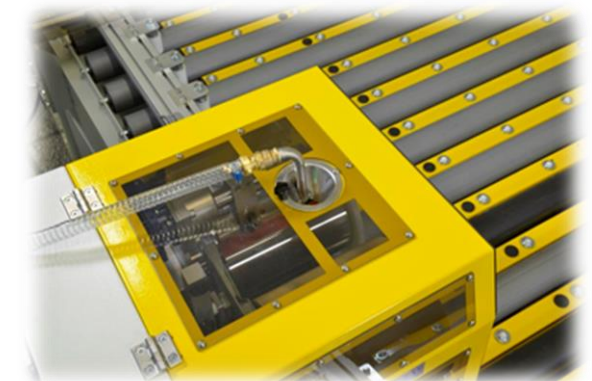
### 3. ELECTRONIC CONTROL

The machine is equipped with a mobile electronic panel on both sides of the conveyor in order to facilitate the operator in case of glass sheet different sizes. The operator interface is equipped with a touch-screen panel, PLC and dedicated software to store and recall processing recipes.



### 4. HEAD UNIT

- All the rolls of the head can move in every direction, with decimal adjustments during the work phases, this means:
- Accurate adjustment to ensure perfect and evenly enamel distribution on the applicator roll;
- Precise adjustment of the distance between applicator roll and dosing roll, adjustable by touch-screen panel;
- The speeds of both rolls are controlled separately and adjustable by means of a touch-screen panel.



The head unit was designed in such a way that the enamel can be fed automatically or manually, and is equipped with a completely closed cover thus preventing any possible contact with the operator.



**ROBOCLEAN**  
Robot for cleaning and polishing of fused silica rollers installed inside glass tempering furnaces



**SCREEN PRINTING MACHINES**



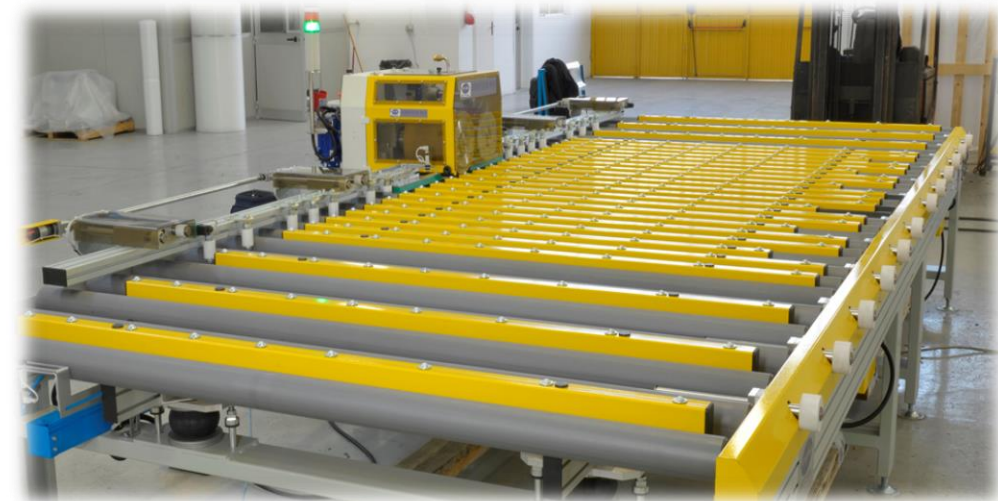
**DRYERS**



**EDGE ROLLER COATING MACHINE**

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## EDGE ROLLER COATING MACHINE

*It is not an advertising invention, but rather the result of years of research oriented towards technological innovation*