



INSULATING
GLASS

ART. SR - "HIGH TECH" SEALING MACHINE



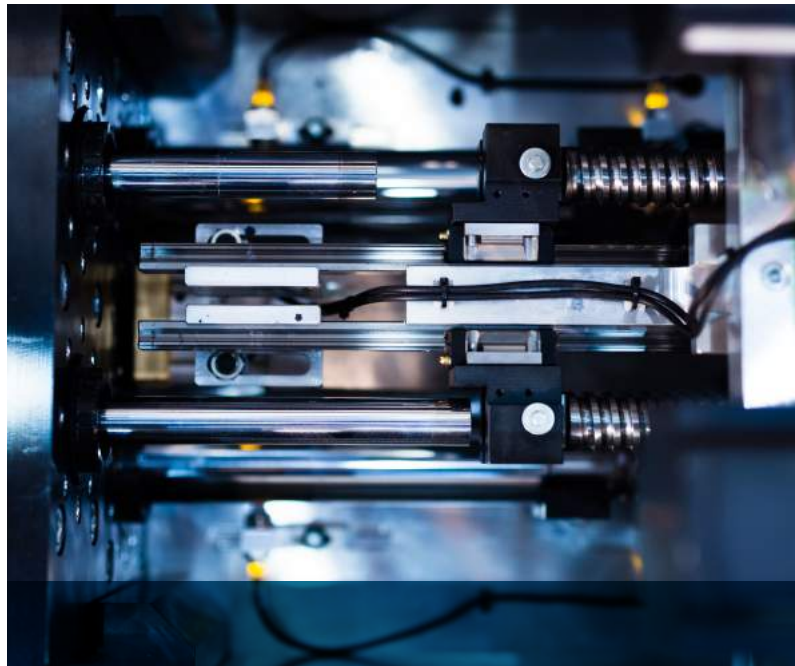
FOREL

QUALITY AND QUANTITY

The **automatic sealing robot Art. SRHT** can process insulating glass units with a capacity of up to 400 kg per linear meter and offset units up to a total thickness of 100 mm. It can also process double, triple or quadruple panes.

Equipped with exclusive devices to guarantee a high quality seal at all times, Art. SR offers at the same time a superior production capacity.

The **double suction cup drive** accelerates the passage of the sealed units, allowing the finished piece to be unloaded without delaying the sealing of the next piece.



"HIGH TECH" SEALING MACHINE ART. SR

Art. SR is Forel's solution to maximize productivity. Renewed with a series of exclusive devices, the new version of the Art. SR sealing machine represents the top of the range of its kind.

DOSING UNIT (OPTIONAL)

To avoid processing downtimes, the Art. SR sealing machine can be equipped with an **exclusive dosing unit**.

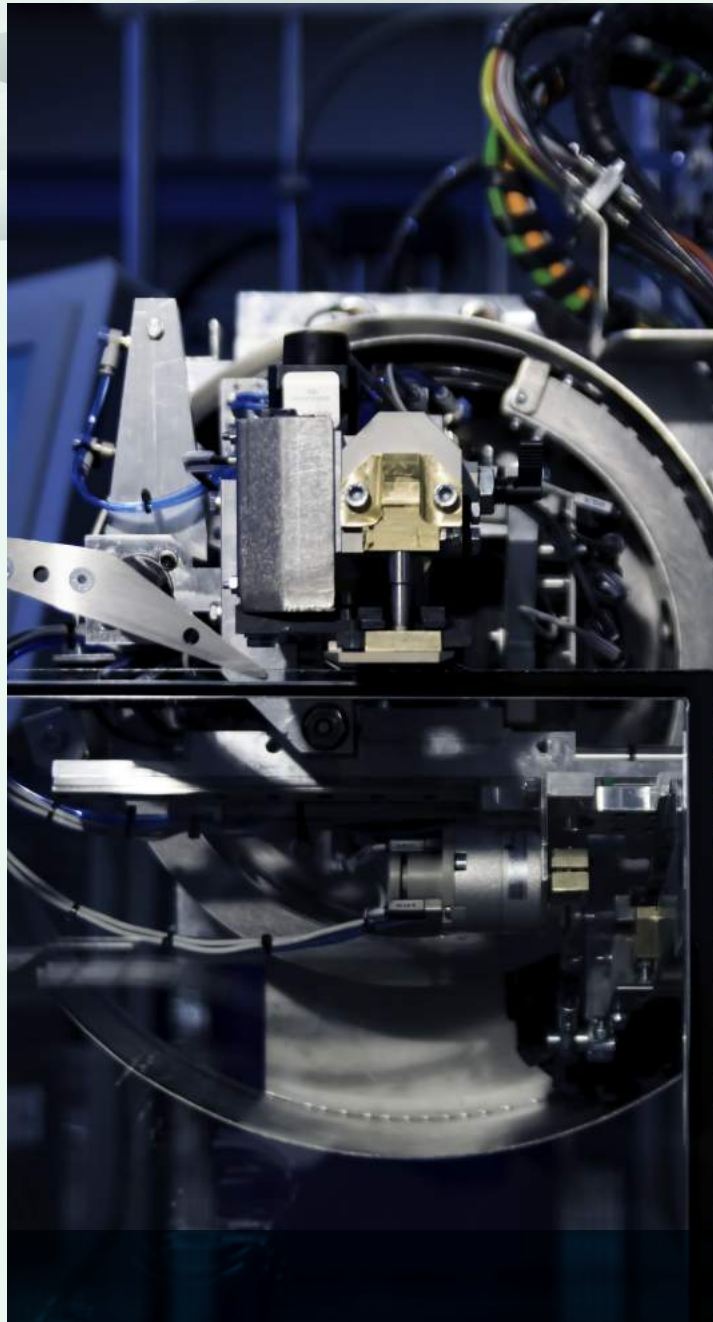
The dosing units, in this configuration, work "in relay": when the first, during the extrusion, is about to finish the quantity of product inside, the second is activated in advance. In this way the extrusion of the product is always continuous and uniform.

Art. SR can use up to 3 different sealants.

PERFECT SEALING

The operating head of the Art. SR has been equipped with special devices to guarantee maximum precision at all times, even when processing different types of units:

- **Mechanical depth sensor:** constantly measures the depth between the edge of the pane and the spacer profile, adjusting the amount of sealant to be extruded.
- **Variable depth nozzle:** the extrusion nozzle can protrude from the insert for a variable depth (up to 17 mm). It can therefore adapt automatically in the case of units with asymmetrically positioned frames.
- **Special insert with contact force control (for offset units):** to avoid imprecise sealing or excessive pressure on the pane in the case of offset units.
- **Sensor to detect the flatness of the unit:** the glass units to be sealed aren't always perfectly flat, especially in the case of large sizes and tempered glass sheets. However, thanks to a special sensor the operating head continuously detects the distance from the unit, and is able to adapt accordingly.

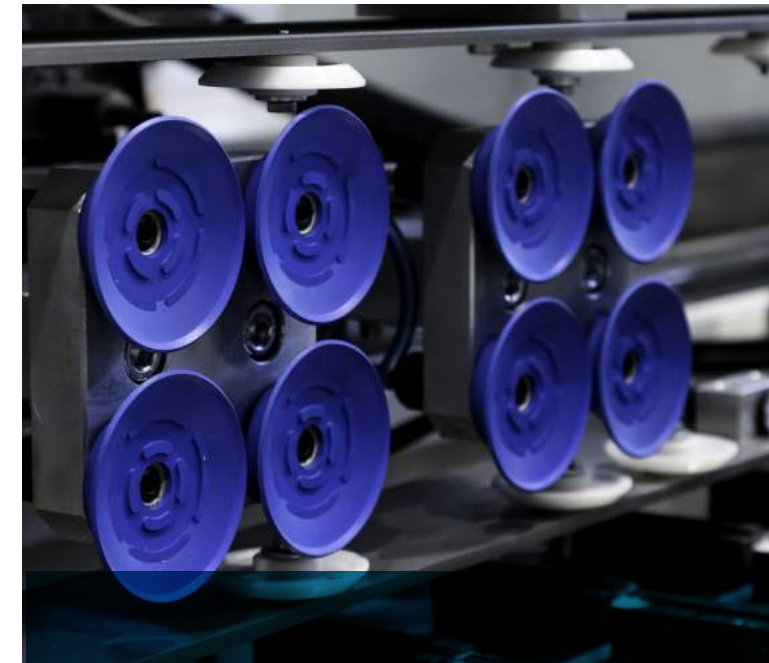


CONTROLLED FORCE

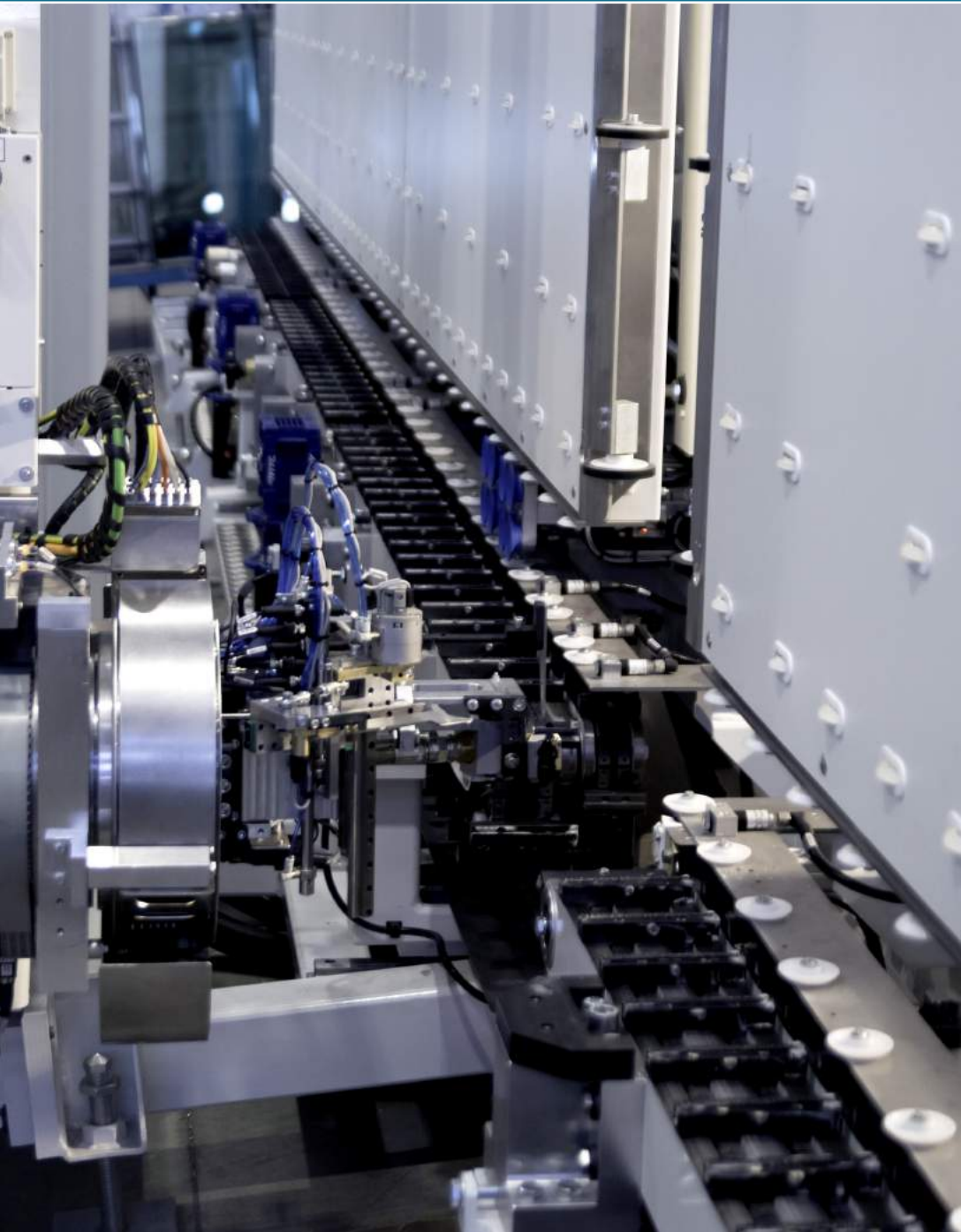
In order to guarantee always safe processing of the units, the operating head is equipped with a special **contact force control device**.

In this way the contact between the nozzle unit cover and the surface of the pane is always under control.

Similarly, the **rear suction cups** are equipped with a device to not exert excessive pressure, to assure a safe handling of the glass pane.



ART. SR - HIGH TECH SEALING MACHINE



Family **INSULATING GLASS**
Type **SEALING MACHINE**

Technical characteristics

Sealing machine models (HT version)	4020	4025	5028	6033
Length (mm)	8.900	8.900	13.200	13.200
Height (mm)	3.620	4.120	4.420	4.920
Depth (mm)	3.800	3.800	3.800	3.800
Usable products	1-3	1-3	1-3	1-3
MAX unit length (mm)	4,000	4,000	5,000	6,000
MAX unit height (mm)	2,000	2,500	2,800	3,300
MAX unit thickness (mm)	100			

*Forel is constantly working on the development of new solutions.
Some data present in this leaflet may differ from the models available on the market.

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