



INSULATING
GLASS

"NO LIMITS" LINE FOR INSULATING GLASS



FOREL



“NO LIMITS” LINE FOR INSULATING GLASS

To meet the demand for “Extra-Jumbo” format insulating glass, Forel has developed the “No Limits” Line: a step forward in the oversized insulating glass segment.



PROCESSING “NO LIMITS”

Today, insulating glass is the protagonist of the most innovative architecture in the world and is required in ever larger formats.

Able to process panes of up to 15 metres in length and with a height of up to 3.30 metres, the “No limits” line offers a capacity of up to 350 kg/linear meter in the case of a single pane, and 550 kg in the case of assembled panes.

It can process multiple chambers and produces **stepped units** up to 250 mm on the underside (the fourth) and 1000 mm on the inlet side (the first).

MANAGING OVERSIZED DIMENSIONS

In order to handle oversized dimensions of this nature, extended and intense planning and design were required. The result is a highly **innovative** product, **with exceptional performance levels** able to meet the very highest **quality** standards of Forel, regardless of the format of the pane.

When processing sheets of such significant dimensions, it is possible that unevenness or curvatures may arise: it is for this reason that a **series of exclusive applications** have been developed to deal with these eventualities, providing excellent results.





STRAIGHTENING OVERSIZED FORMATS



The coupling press of the **"No Limits"** line is equipped with an exclusive retractable suction cup also on the rear surface.

In this way it is possible to straighten any curvatures (even with laminated glass) and ensure a uniform gas filling.

The coupling press can process insulating glass panes with up to 3 chambers. It is also equipped with **a double circuit for the emission of the gas**: it can therefore use two different products for filling the chamber (argon/krypton).



MAXIMUM CUSTOMIZATION

Even in **"No Limits"**, Forel provides a product which is always made to measure and can be configured based on the Customer's needs, just like any other insulating glass line of standard dimensions.

The maximum format which can be processed can be 6, 9, 12 or 15 metres long with a height of up to 3.3 meters.



SEALING: MISSION ACCOMPLISHED!



The automatic sealing robot of the **"No Limits"** line is equipped with an innovative sensor system. Thanks to these sensors, the nozzle of the extrusion head can follow any curvatures: an essential solution in the production of offset structural glass panes.

The sealing process can use **3 different products**, with non-stop high flow rate delivery (4 l/min).

The presence of a **camera** close to the head allows the sealing process to be monitored at each and every stage.

"NO LIMITS" LINE FOR INSULATING GLASS

Family **INSULATING GLASS**
Type **LINE FOR EXTRA-JUMBO INSULATING GLASS**

Technical characteristics

"No Limits" insulating glass	
MAX pane length (mm)	6.000 - 9.000 - 12.000 - 15.000
MAX pain height (mm)	3.300
MAX thickness of a single pane (mm)	40
MAX thickness of an insulating pane (mm)	100
MAX transportable weight	550 kg/m
MAX controlled curvature	2.5 mm/m

*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.

FOREL SPA

Via per Monastier 4 - Vallio di Roncade - 31056 - Treviso - ITALY

Tel: +39 0422 840507 - info@forelspa.com

forelspa.com

FOREL