



INSULATING  
GLASS

# ART. FP - INSPECTION AND FRAME POSITIONING STATION



**FOREL**

## AT A GLANCE

The “**High Tech**” range of products by Forel for insulating glass is aimed at glassworks looking for flexibility and high levels of performance, **whether it's part of a standard residential order or for a specific commercial application.**

The Art. **FP inspection and frame positioning station, in its “High Tech” version**, has been developed and included in this range as a solution which allows for the rapid identification of any defects in the sheet of glass and the correct fitment of the frame onto the surface of the pane.

This solution consists of **four different models** with four different maximum workable formats, ranging from 4000 x 2000 mm to the 6000 x 3300 mm Jumbo format.

### INSPECTION AND FRAME POSITIONING STATION ART. FP

The Art. FP “High Tech” inspection and frame fitting station allows the operator to inspect sheets visually and, where necessary, clean the surface or rectify defects, and then position the rigid frame onto the surface of the pane.



## STANDARD FEATURES

The **Art. FP station** comes standard in a high performance configuration with a PC control console.

As the incoming pane arrives, a sensor acquires the format of the pane and the **mobile bars** are positioned automatically in relation to the height of the pane to minimize the area covered and allow the operator to identify and, where necessary, rectify defects more easily. The mobile bars are also equipped with an **LED lighting system**.

The **internal room**, with a special black structure, is **accessible by a side door**, allowing the operator to also inspect the rear side of the glass.





## PERFECT POSITIONING

The Art. FP “High Tech” version comes with a **number of additional devices** specifically used to assist the operator in applying the frame onto the pane.

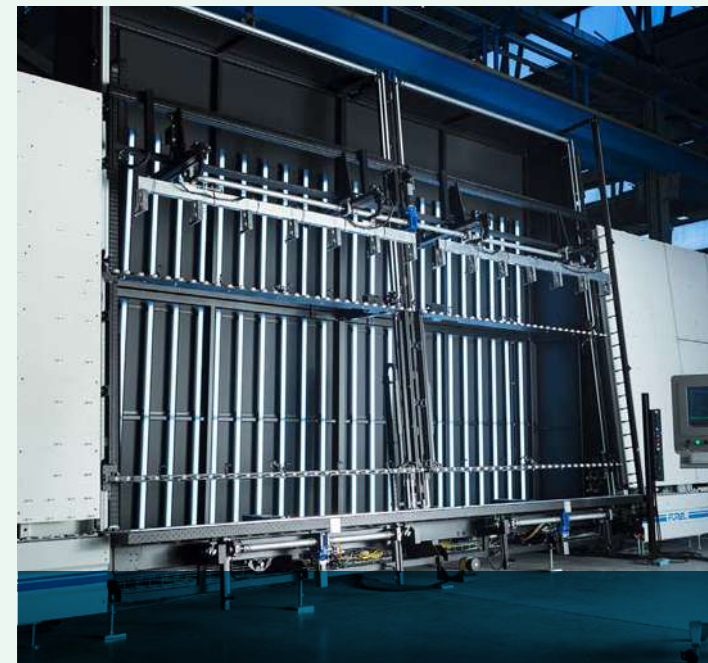
The **standard** equipment and features include a **system of manual references** for positioning the frame accurately on the X and Y axis.

The **optional motorized adjustment of the lateral and lower references** is available, best suiting glassworks that produce **offset IGU's**. In this case, the reference bars will move to the correct offset level automatically based on the data received from the operator.

## OPTIONS FOR ANY NEED

The advantages of the Art. FP inspection and frame positioning station include a wide choice of options for personalizing the installation:

- Adjustable brightness **Plus rear LED lights**.
- **Motorized adjustment of the lateral and lower references**
- **Automatic upper references** for supporting large frames during application (available for the FP05028HT and the FP06033HT models).
- **Access door** for quickly reaching the back of the line and the internal room.



## “NO LIMITS” VERSION

Forel has developed the special “**No Limits**” insulating glass unit line for assembling extra-Jumbo format units with upper lengths exceeding 6000 mm.

This version comes complete with every option plus all the additional features of the “High Tech” series, including a **special internal lift platform** for inspecting the upper part of the sheet.

A supersized tool catering for the need to assemble units beyond the limitations of standard production.

# ART. FP - INSPECTION AND FRAME POSITIONING STATION



Family "HIGH TECH" INSULATING GLASS  
Type INSPECTION AND FRAME POSITIONING STATION

## Technical characteristics

Models (HT version)	FP04020HT	FP04025HT	FP05028HT	FP06033HT
Width (mm)	4,520	4,520	5,420	6,320
Height (mm)	3,100	3,600	4,900	5,400
Depth (mm)	2,450	2,450	2,450	2,450
MAX pane length (mm)	4,000	4,000	5,000	6,000
MAX pane height (mm)	2,000	2,500	2,800	3,300
MAX pane thickness (mm)	25			
Standard features	Mobile bars with LED lighting Manual references Rear inspection chamber			
Options	Automatic references Upper frame references LED back-lighting Access passage			

\*Forel is constantly working to develop new solutions.  
Some data in this leaflet may differ from the models available on the market.

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