



SORTING
SYSTEM

ART. SS - SORTING SYSTEM



FOREL

MODULAR AND FLEXIBLE

The **Art. SS Sorting System** consists of highly customizable handling modules and sorting buffers .

Its modularity allows it to adapt to the specific needs of the glass factory.

However, it is not just a matter of "moving" the panes: **Art. SS organizes and manages the progression of outgoing pieces** depending on the work programs (both of the previous and subsequent lines), immediately making a contribution in terms of productivity, speed and efficiency.



OPTIMIZING SPACE

Made up of one or more pane handling shuttles and storage units, the **Sorting System** solves the problem of so-called "bottlenecks".

In fact, different production lines often have different production times: **Art. SS**, offering an automated storage system, guarantees order within the glass factory and allows to **optimize the available space**.



**SORTING
SYSTEM
ART. SS**

The Art. SS Sorting System is the complete solution for the automation of the handling, storage and reordering of the product within the glass factory.

SPEED AND SAFETY

Several advantages are obtained by decreasing the manual **handling** of the panes in favour of the **automated** handling:

- a **more rapid flow**, with time saving in supplying the processing lines.
- **less risk of pane breakage or damage.**
- reduction of **waste.**
- **less operator risk.**



ALWAYS UNDER CONTROL

The installation of the Sorting System results a clear improvement in the **order** and **efficiency** of the Glass factory.

In fact the Sorting System assigns a **unique ID (identification number)** to all panes: the panes are constantly tracked, localised and managed according to the program.

Therefore, it is possible to monitor the position of the single pane at any time from a PC station and **the progress of each single order is therefore always known.**

SIMPLY UNIQUE

There are no two identical Forel Sorting Systems in the world.

Each of them is the result of a **specific design, tailored together with the customer**, in order to obtain a product that integrates perfectly with the operating lines.

The software, which organizes the sorting activity of the Art. SS, is developed in the same way.

The result is a **forever unique system.**



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Family **SORTING SOLUTIONS**
Type **SORTING SYSTEM**

Technical characteristics

| Shuttle models | 4028 | 5028 | 5033 |
|----------------------|-----------------|-------------|-------------|
| Height (mm) | 3,570 | 3,570 | 4,070 |
| Length (mm) | 4,200 | 5,270 | 5,270 |
| MAX pane width (mm) | 4,000 | 5,000 | 5,000 |
| MAX pane height (mm) | 2,800 | 2,800 | 3,300 |
| Pane thickness | from 3 to 20 mm | | |

*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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