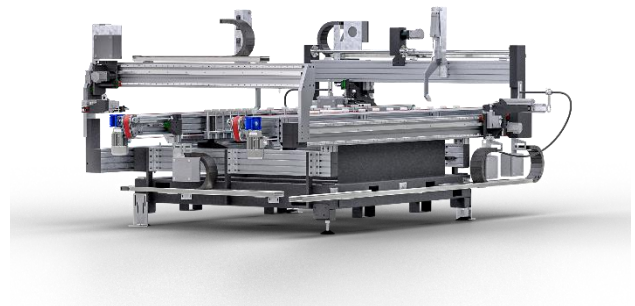
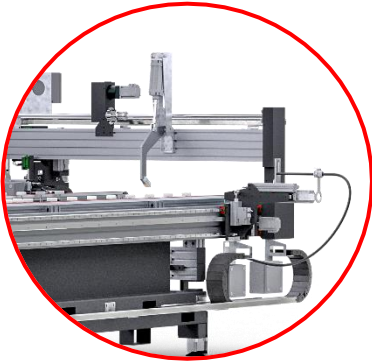


## Hardware Assembly Bench

Bench designed and built for automated assembly and screwing of hardware on PVC window sashes.

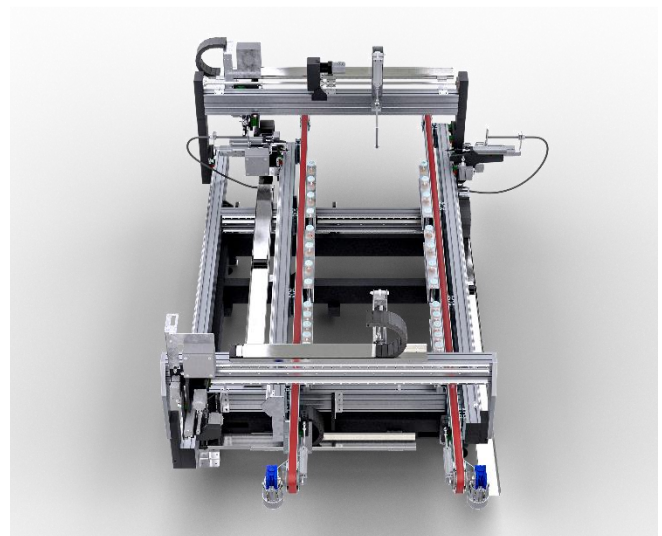
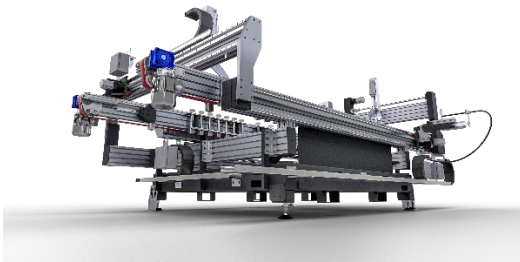
### Presentation



### Speed and Cost Savings

Prepared to be inserted within an automated production line, it consists of 2 or 3 stations: the preparation tables that show the elements to be assembled and indicate the compartment in which they are located; the automatic screwing table where, thanks to a gantry with 4 screwers, the hardware is fixed on all four sides of the sash.

### 5 reasons to choose Faz IV



### Innovate and Automate

- ✓ Very high execution speed: Production of a finished sash about every 50 seconds.
- ✓ Non stop production: While the hardware components are screwed in, the next frame can already be pre-assembled.
- ✓ Possibility of in-line insertion thanks to automated transport systems.
- ✓ Simple and intuitive graphical interface: Guides even the inexperienced operator in the choice of hardware.
- ✓ The pre-assembly bench is prepared for the assembly of the rebate exchange sash.

Once the hardware has been cut and positioned, **the pre-assembled frame is automatically transported to the screwing station** and the operator **can simultaneously begin pre-assembly of the next sash.**

The system can **automatically manage 2 or more different types of screws**, selecting the corresponding one according to the type of hardware, and is equipped with an automatic screw depth regulator.

## Specifications

### Dimensions standard pre-assembly bench + screwing portal

Length	7.950 mm
Width	3.000 mm
Height	2.510 mm
Weight	6.000 Kg

### Additional bench dimensions

Length	3.000 mm
Width	2.000 mm
Height	2.510 mm
Weight	1.580 Kg

### Details

Power installed	9 Kw
Power	400 V
Air consumption	500 NI/min
Min. exercise pressure	7 bar

## Operational Characteristics

### Preparation Bench

#### Structure

One or two benches for hardware insertion.

#### Machining

Positioning and cutting hardware.

### Screwing Table

#### Structure

4 High Speed screwdrivers with automatic screwing depth regulator and automatic screw selection.

#### Machining

Screwing.

## Technical Characteristics

### Performance

Up to 50 sec per sash\*.

\* Depends on profile type, dimensions and hardware used.

**Operators** 1 or 2

### Automatic Workable Door Dimensions

Maximum	2.700 x 1.500 mm
Minimum	350 x 350 mm

### Workable Profile Length

Maximum	130 mm
Minimum	50 mm

## Optional

**On request, the system can be equipped with:**

**Hardware programming** in accordance with window types.

Clamping unit for stulp assembly on hardware preparation table

**Variant for the use of screws with different sizes and special dimensions.**

Possibility of a horizontal exit station or with automatic verticalisation.