

# SEMI-AUTOMATIC TABLE FOR INSTALLING GEORGIAN BARS

Kod produktu: ST-07A/OF2470.00A.FAT

Data: 03.07.2026

[www.melka.com.pl](http://www.melka.com.pl)



The ST-07A/OF2470.00A.FAT semi-automatic glazing bar assembly table is a reliable solution for the glass and window industry, enabling precise and rapid assembly of glazing bars in frames of various sizes. Equipped with pneumatic clamps and positioners, it ensures component stability and work safety while streamlining the assembly process. Adjustable height and an ergonomic control panel increase operator comfort and production efficiency.

Technical data

Total data:

- Total length: approx. 2800 mm
- Total width: approx. 1800 mm
- Total height: 1000 -1100 mm
- Total weight: 500 kg
- Air supply: 7 BAR

Working data:

- Minimum frame size: 400 x 400 mm ( X x Y )
- Maximum frame size: 2300 x 1350 ( X x Y ) (within the operating range of the positioners)
- Maximum frame size: 5000 x 2600 (X x Y) (the frame extends beyond the table outline. It is necessary to rotate it twice)
- Maximum number of muntin bars on the X axis: 7 pcs.
- Maximum number of muntin bars on the Y axis: 5 pcs,
- Minimum distance between glazing bars: 200 mm
- Maximum muntin width: 50 mm
- Minimum distance to the muntin from the "0" point: 200 mm
- Supports spacer frames with dimensions: 6 - 24 mm
- Supports up to 8 frame heights (Example: 12mm, 13mm, 14mm, 15mm, 16mm, 18mm, 20mm, 22mm, 24mm).

Description:

- The table design allows for table height adjustment within the range of 965 +/- 50 mm.
- Pneumatic pressure on the 1st X axis stabilizing the muntin relative to the frame.
- Positioners on the X and Y axes equipped with a pneumatic clamp that holds the muntin in place.
- The staplers move along special guides that ensure precise movements.
- Stapling guns powered by the main pneumatic circuit are equipped with their own pneumatic switches and an independent pressure regulator.
- The staplers are moved along the table, moved to the frame and the shot is controlled manually.
- Table equipped with 7 positioners (4 pcs. on the longer side "x" and 3 pcs. on the shorter side "Y")
- Two quick connectors allow for the connection of additional auxiliary devices, e.g. a hand-held blow gun.
- The table is equipped with adjustable feet to level the device.
- The device features a standalone desktop with an industrial computer running Windows. This allows for easy network connection. The computer is equipped with a touchscreen, keyboard, and mouse.
- Positioners equipped with sensors that prevent their position from changing with the frame inserted.
- Automatic centering of the muntin depending on the frame height. Adjustable to a maximum of 8 heights.
- Automatic positioners enable the positioning of glazing bars in symmetrical and asymmetrical arrangements.
- Additional supports on the sides for frames exceeding the working dimensions of the table.

#### Software:

- Program 1 Manual - allows you to manually enter the position of individual positioners and select the position of the frame.
- Program 2: Automatic - automatically sets the positioners based on data imported from a file. After importing the file and selecting an item from the list, the positioners are positioned in the appropriate locations. The operator is informed about the next operation via the computer screen. Depending on the type of muntin, after accepting each step, the positioners will change their position to allow for insertion of muntin bars on the remaining edges. The device is equipped with two foot switches: one to accept the completed step, the other to complete the series and move on to the next frame.

You can see the table in action in the videos below:

