



BMF 3500

Manual assembly benches



Hardware assembly bench. The generous work table allows handling large sashes or frames and working with any type of window/door. BMF 3500 measures the hardware, cuts it with a pneumatic shear and performs the screwing with an automatically fed screwing unit. Can be provided with a large rack for the storage hardware, 3-spindle drilling unit for cremone bolts, milling unit for cremone bolts, drilling unit for hinge holes, swarf drawer, accessory shelf and automatic glazing bead measuring system.



Shear and stops

The bench is equipped with shear and stops arranged on pneumatically driven carriages with independent movement for measuring and cutting perimeter hardware.



Horizontal milling unit

The cremone bolt milling unit runs on horizontal ways with positive stops for setting position of the feed stroke. Moreover a system of positionable stops allows setting the feed strokes on the three axes.



Three-spindle drilling unit

The drilling unit for the handle holes allows simultaneous drilling of the three holes. It can also be positioned on two axes.



Automatic screwing unit

The screwing unit with automatic feed runs on horizontal slideways and is provided with a laser positioning system. It also allows manual insertion of non-standard screws.



Glass stopper measuring

This device provides the exact measurement of the door glass stopper being processed. 2 reading devices provide the reading for position of the internal tightening stops. This parameter is processed by the PLC which prints the bar code label to apply to the sash, from the printer.





BMF 3500 / MANUAL ASSEMBLY BENCHES

WORK BENCHES

| | |
|---|-----------|
| Hard anti-friction PVC contact surface | ● |
| Pneumatic tilting of work table from 0° (horizontal) to 12° | ● |
| Adjustable work table height (mm) | 875 ÷ 925 |

WORKPIECE LOCKING

| | |
|--|-------------|
| Self-centering pneumatic clamping system | ● |
| Vice opening (mm) | 270 ÷ 2.870 |

CHARACTERISTICS

| | |
|--|-------------|
| Automatic measurement of the hardware | ● |
| Hydro-pneumatic shear | ● |
| Automatic screwing unit on horizontal guide with laser positioning system | ● |
| Variable hardware management | ○ |
| Horizontal milling unit running on guides with mechanical stops for feed stroke position | ○ |
| 3-spindle drilling unit for drilling handle holes | ○ |
| Drilling unit for hinge holes | ○ |
| Automatic glass stopper measuring | ○ |
| Label printer | ○ |
| Industrial exhauster for milling unit | ○ |
| Hardware drawer | ○ |
| Scrap container | ○ |
| 42-compartment hardware magazine | ○ |
| Magazine compartments for long rods | ○ |
| Length (mm) | 3.540 |
| Width (mm) | 1.960 |
| Weight (basic/full optional version) (kg) | 500 / 1.600 |
| Air consumption (NI/min) | 870 |
| Installed power (kW) | 0,50 / 3,65 |
| Load capacity (kg) | 240 |

Included ● Available ○