



## **BMF 3500**

Manual assembly benches



Hardware assembly bench. The generous work table allows handling large sashes while the 3 coverings available (anti-friction hard PVC for aluminium, brush for PVC, felt for wood) allow working with any type of window/door. In its standard version BMF 3500 measures the hardware, cuts it with a hydro-pneumatic shear and performs the screwing with an automatically fed screwing unit. On request the bench can be provided with: 3-spindle drilling unit for cremone bolts, milling unit for cremone bolts, drilling unit for hinge holes, swarf drawer, hardware rack, and automatic glazing bead measuring system with magnetic sensors.



**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	<input checked="" type="checkbox"/>
Pneumatic tilting of work table from 0° (horizontal) to 12°	<input checked="" type="checkbox"/>
Adjustable work table height (mm)	875 ÷ 925

**WORKPIECE LOCKING**

Self-centering pneumatic clamping system	<input checked="" type="checkbox"/>
Vice opening (mm)	270 ÷ 2.870

**CHARACTERISTICS**

Automatic measurement of the hardware	<input checked="" type="checkbox"/>
Hydro-pneumatic shear	<input checked="" type="checkbox"/>
Automatic screwing unit on horizontal guide with laser positioning system	<input checked="" type="checkbox"/>
Variable hardware management	<input type="checkbox"/>
Horizontal milling unit running on guides with mechanical stops for feed stroke position	<input type="checkbox"/>
3-spindle drilling unit for drilling handle holes	<input type="checkbox"/>
Drilling unit for hinge holes	<input type="checkbox"/>
Automatic glass stopper measuring	<input type="checkbox"/>
Label printer	<input type="checkbox"/>
Industrial exhauster for milling unit	<input type="checkbox"/>
Hardware drawer	<input type="checkbox"/>
Scrap container	<input type="checkbox"/>
42-compartment hardware magazine	<input type="checkbox"/>
Magazine compartments for long rods	<input type="checkbox"/>
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 ○