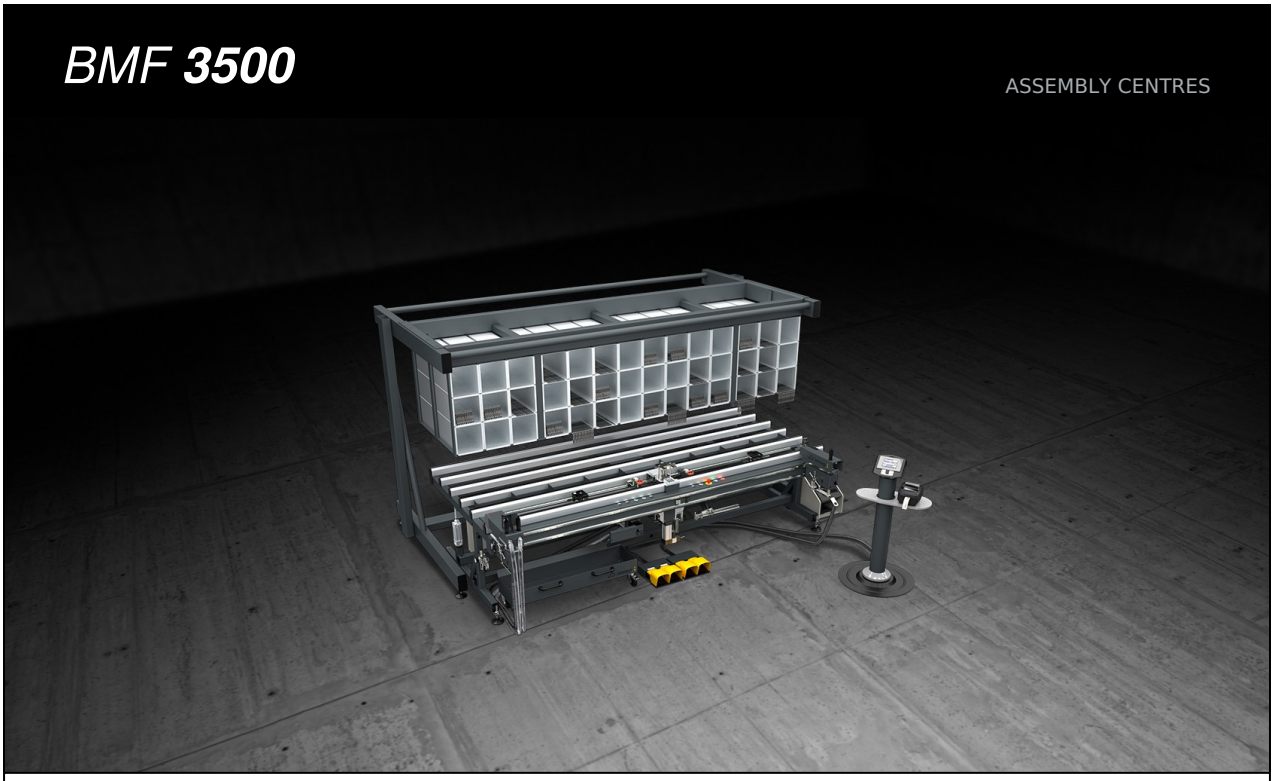
BMF 3500

ASSEMBLY CENTRES



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.

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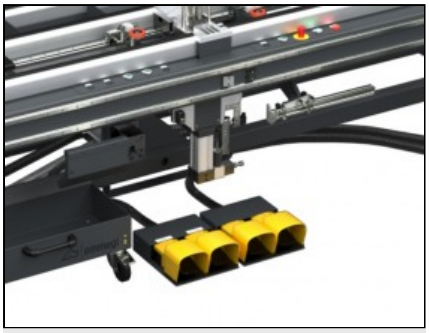
The right to make technical alterations is reserved.



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.

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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 (Nl/min)	870
Installed power (kW)	0,50 / 3,65
Load capacity (kg)	240

Included ● Available ○

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