

## RMZ4000

Frame assembly centres



- The innovative and highly efficient hardware drilling and screw driving station for frame hinges and pivots
- Work quickly and accurately - this machine enables an amazing productivity boost in window manufacturing
- Thanks to the easy handling and ergonomically designed work sequence, drilling, assembly, and screwing of the tilt/turn hinges can be performed by a single operator.
- Due to the movable stop system, the time-consuming drilling of locating and screw holes with a template can be omitted
- The unit can be rotated by 90° for machining multi-sash frames
- The adjusting device can be positioned in the Y-direction using grid dimensions for drilling pivot bolts into multi-sash frames.
- The hinges and pivots are screwed to the closed frame by the vertical screwing feed unit which is manually moveable on moving carrier plates.
- The unit is equipped with an automatic screw infeed, a screwdriver turbine for screwing self drilling screws, and a pneumatic screwing depth stop
- Pneumatic frame clamping and positioning device can be moved beyond table centre
- Frame rebate dimensions from 360 to 3,400 mm
- Two pneumatically lowerable rebate stops with revolver for up to four different frame depths
- Laser unit shows the screw driving position

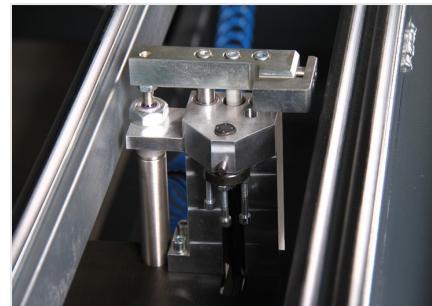


### Frame assembly centre RMZ 4000



### Supporting surfaces

Supporting surfaces with plastic slide bars



### Rebate stops

Two pneumatically lowerable rebate stops with revolver for up to four different frame depths



### Screwing unit

The unit is equipped with an automatic screw feed, a screwdriver turbine for screwing self drilling screws, and a pneumatic screwing depth stop. Laser unit shows the screw driving position



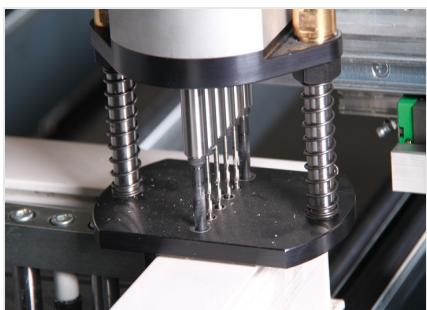
### Screw feed unit

Screw feed unit with automatic screw feeding



### Stop system

Due to the movable stop system, the time-consuming drilling of locating and screw holes with a template can be omitted



### Boring head

Can be equipped with either 2- or 6-spindle boring head

**RMZ 4000 / FRAME ASSEMBLY CENTRES**

- Table length 4,040 mm
- Table width 1,700 mm
- Total length 4,220 mm
- Total width 2,010 mm
- Height 1,720 mm
- Table height adjustable 950 - 1,050 mm
- Frame dimension min. 560 x 200 mm
- Frame dimension max. 3,800 x 1,700 mm
- Min. profile height 54 mm
- Max. profile height 110 mm
- Weight 650 kg
- Compressed air supply 7 bar
- Air consumption:
  - Screw driving unit approx. 250 l/min.
  - Clamping unit approx. 40 l/min.
- Screw dimensions:
  - Head diameters 5.0 - 9.0 mm
  - Shank diameters 3.5 - 4.5 mm
  - Length approx. 10.0 - 35.0 mm
- Power supply 230/400 V, 3~, 50 Hz
- Motor power of 1.1 kW at 2,825 rpm
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