

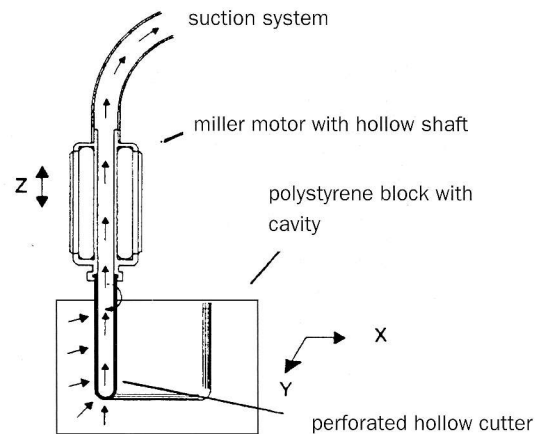
Dust free polystyrene cutting with the unique dust exhaust system

- high performance
- neat and clean workpieces and workplace
- unhindered vision
- no health hazards
 - a) because no harmful gasses are generated by or during this milling process
 - b) the operator does not inhale polystyrene particles thanks to the constant and direct removal of plastic chips by means of the exhaust system

Remark: a sufficiently powerful suction system with filter (f. ex. a vacuum cleaner) is required for operating the system. We will be pleased to provide you with a detailed quotation upon request.

The exhaust system is **not** included in the scope of supply of the milling machines.

Diagram of the system



Milling machine BW 900 Item No. 752.009

for production of models and packings made of rigid foam materials (polystyrene, polyurethane etc.)

Mechanics:

- aluminium milling machine table plate, 2000 x 1300 mm
- milling table with motor elevation, $s = 450$ mm
- milling table adjustable on all sides
- projection to the center of milling spindle 1040 mm, also after lowering milling table
- feeding unit with working gear, high-speed and low-speed gear, $s = 750$ mm
- milling motor with hollow shaft, $P = 1,1$ kW, $n = 3000$ min⁻¹
- linear guidings (free from backlash) and ball screw
- swivelling motor $\pm 90^\circ$, precise angle adjustment with large and accurate degree scale
- locking bolt for 0°-position
- dust-free expansion bellows
- stable, accurate and vibration-free mechanics

Control:

- positioning controller for 40 positive and negative start-up positions
- zeropoint level adjustable at will
- shrinkage dimension input
- millimeter/inch input
- switching to higher position number (e.g. from position 4 to position 8) by multiple pushing of start key
- display of actual and set value

Operation:

- workpiece height max. 1000 mm at 300 mm effective cutter length; hollow cutters up to 600 mm effective cutter length (including customized versions) may be utilized

Large range of hollow cutters, see page 77.

- ergonomic operation tableau, swivelling
- large and easy-to-operate keys

Electrical connection data:

- main voltage: 230/400 V, 50 Hz
- control voltage: 24 V, 50 Hz or optional

Other features:

- with connection to one of our high-powered suction units (not included in BW 900 delivery scope, see next page), with three phase-motor (4 kW or 5,5 kW), the suction unit is switched on simultaneously via the milling motor
- lacquering: RAL 7036/3000 (platinegrey / flame red) or optional
- machine weight: 900 kg

Option:

- infinitely-variable milling spindle revolutions, 1000 – 6000 m²; milling motor with low operating temperature prevents melting on of foam material

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