

**WOODPECKER**  
**Tilting Spindle Moulder**  
**SPM 2-1000**



Technical Specifications	SPM 2-1000
Size of the cast table top	L x W = 1000 x 550 mm
Size of the table extensions	L x W = 500 x 320 mm each
Size of the slide table	L x W = 1150 x 350 mm
Spindle center ↔ slide table	450 mm distance
Milling spindle	Ø 30 mm (on request: Ø 32, 35, 40 and 50 mm)
Clamping height	125 mm (with Ø 30 mm spindle)
Tool diameter (profiling)	max. Ø 180 mm at 90°   max. Ø 125 mm at 45°
Tool diameter (tenoning)	max. Ø 250 mm
Height adjustment stroke	175 mm
Spindle tilt range	90° ... 45°
Height/Tilt adjustment	manually via handwheels
Height position indicator	analog indicator on handwheel
Tilt position indicator	analog angle scale on handwheel
Spindle speeds	1400 / 3500 / 6000 / 8000 rpm
Drive motor	4.0 kW (5.5 HP)   optional 5.5 kW (7.5 HP)
Motor voltage	400 VAC / 50 Hz
Protection class	IP54
Motor brake	electronic, wear-free
Dimensions	see ⇨ page 2
Space requirement	see ⇨ page 2
Supply cable	Cu, 5-wire (The cross-section must be determined on site by a qualified electrician!)
Connecting phases	L1   L2   L3   N   PE
Fuse protection	External fuse required (The value must be determined on site by a qualified electrician!)
Net weight	approx. 400 kg
Suction nozzles	2 x Ø 120 mm (1 x on milling fence and 1 x on machine rear)
Temperature range	min. +1 ... max. + 40°C
Humidity	max. 90 %
Operating altitude	max. 1000 above sea level



- Caution: The regulations of the local EVU apply.
- Checking the impedance of the fault loop and the suitability of the overcurrent protection devices must be carried out at the installation site of the machine.
- The electrical connection may only be carried out by an authorised electrician.
- The connection assignment can be found in the operating manual.

## Noise Emission Values

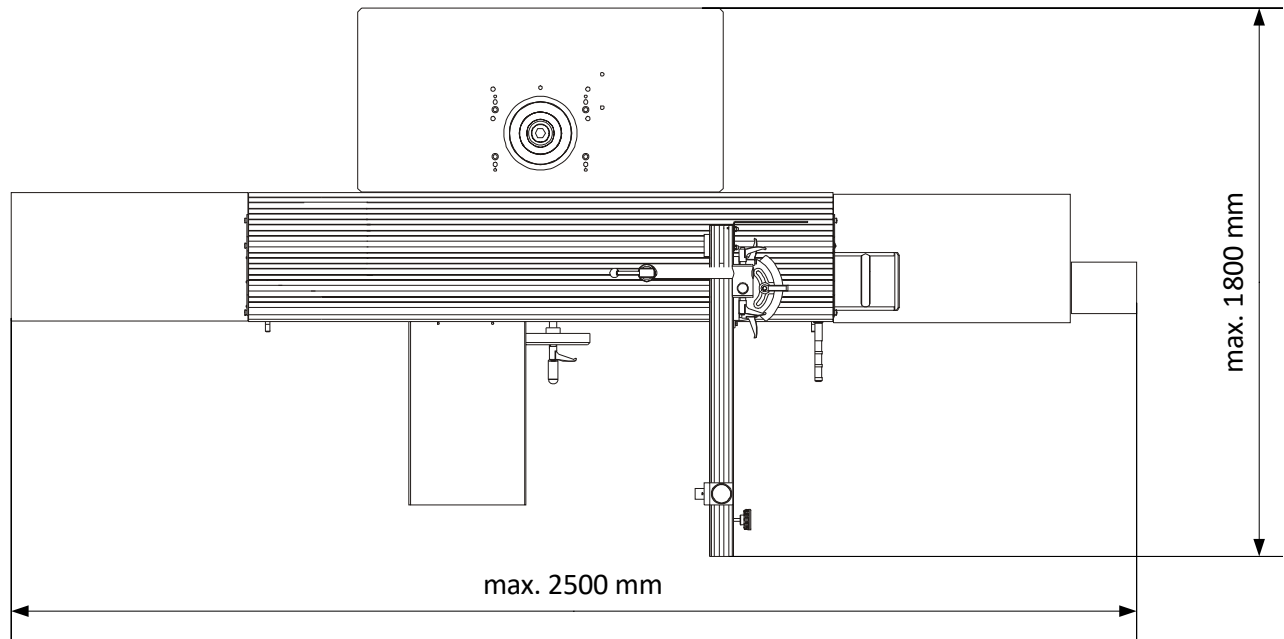
Weighted level: Noise pressure in idle state	$L_{pFA} = 74 \text{ dB}$ Uncertainty: $K = 2 \text{ dB}$
Weighted level of noise power at the workplace	$L_{WA} = 103 \text{ dB}$ Uncertainty: $K = 2 \text{ dB}$ at error limit interval 95 %



As soon as the workplace-related noise emission values of the machine exceed 85 dB(A), suitable hearing protection must be made available to the personnel!

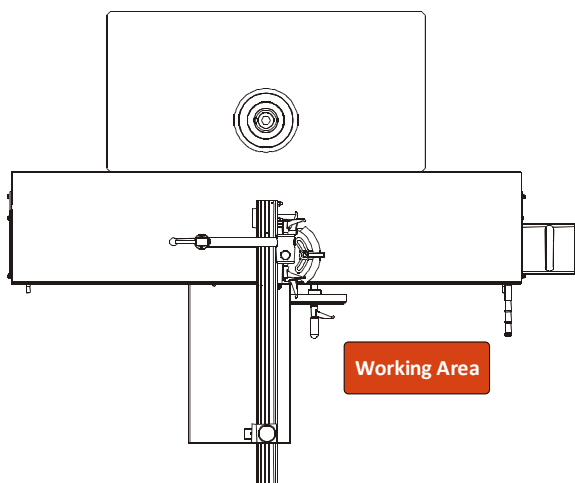
## Dimensions and Working Area

### Maximum\* Dimensions:



*\*) Depending on the position of the sliding table, the telescopic fence and table extensions attached.*

### Working Area:



### Space Requirement:

The effective space requirement generally depends on the maximum external dimensions of the machine (see figure above) and the dimensions of the workpieces to be processed.

In general, provide sufficient space around the machine and also calculate the required space for the operating and auxiliary personnel as well as for the infeed and outfeed of the workpieces.

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