

## Spindle Moulders

**245 | 10**

**245 | 20**



### Technical Specifications

	Version 245 10	Version 245 20
Table Size:	760 x 1100 mm	760 x 1100 mm
Table Height:	870 mm	870 mm
Milling Fence Type:	215 (manual adjustment)	216 (manual adjustment)
Ring Fence Type:	1639 Tapoa	1639 Tapoa
Drive Motor:	5.5 kW (7.5 HP)   option 7.5 kW (10 HP)	5.5 kW (7.5 HP)   option 7.5 kW (10 HP)
Motor Voltage:	400 VAC / 50 Hz	400 VAC / 50 Hz
Motor Protection Class:	IP54	IP54
Motor Brake:	mechanical	mechanical
Rotating Speed:	3000 / 4500 / 6000 / 9000 rpm	3000 / 4500 / 6000 / 9000 rpm
Milling Spindle:	Ø 30 mm (option 1 1/4", 35/40/50 mm)	Ø 30 mm (option 1 1/4", 35/40/50 mm)
Clamping Height:	140 mm	140 mm
Height Adjustment:	125 mm	125 mm
Spindle Tilt Range:	-5.0° ... +45.5°	-5.0° ... +45.5°   option -45.5° ... +45.5°
Height & Tilt Adjustment:	manually by handwheel	motorized via touchscreen control
Position Indicators:	analogue dial gauges	digital readout (positions & speed)
Net Weight:	approx. 800 kg	approx. 800 kg
Connecting Phases:	L1   L2   L3   N   PE	L1   L2   L3   N   PE
Supply Cable:	Cu, 5-wire (The cross-section must be determined on site by a qualified electrician!)	
Fuse Protection:	25 A slow (7.5 kW option 32 A o. 35 A slow)	25 A slow (7.5 kW option 32 A o. 35 A slow)
Suction Nozzles:	2 pieces, Ø 120 mm	2 pieces, Ø 120 mm
Signal Generator Lines for Extraction Unit:	depending on version (see wiring diagram)	depending on version (see wiring diagram)
Vacuum of Extraction Unit:	on fence: 640 Pa   under the table: 300 Pa	on fence: 640 Pa   under the table: 300 Pa
Extraction Capacity:	approx. 1450 m³/h at 20 m/s (dry chips)	approx. 1450 m³/h at 20 m/s (dry chips)
Space Requirement:	2700 x 2770 mm	2700 x 2980 mm



- 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 circuit diagram can be found in the control cabinet.

### Emission Values acc. to prEN 848-1<sup>1</sup> Version 245|10

	Version 245 10	Version 245 20
Workplace-related emission levels in dB(A):	67.4 (idle)   82.4 (machining)	67.4 (idle)   82.4 (machining)
Sound power level in dB(A):	79.9 (idle)   88.8 (machining)	83.0 (idle)   91.2 (machining)

Workplace-related dust emission value<sup>2|3</sup>: The determined values comply with the required assessment values for the "GS wood dust test" mark by the German Woodworkers trade association.

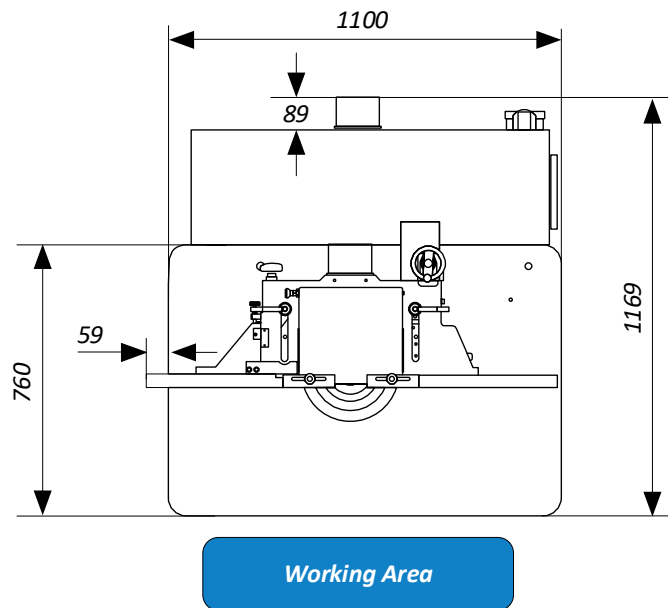


The noise emission values of the machine partly exceed 85 dB(A)!  
Therefore, suitable hearing protection must be provided to the personnel!

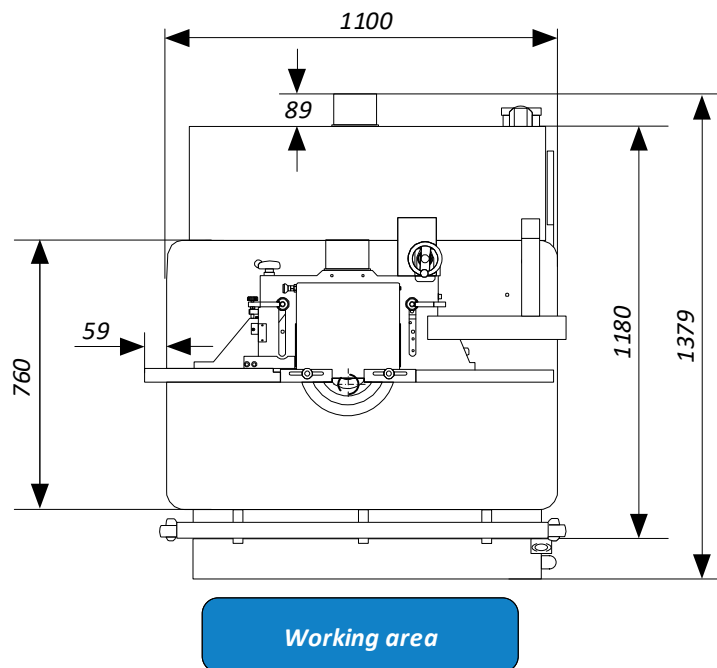
<sup>1</sup> Uncertainty allowance K = 4 dB(A) | <sup>2</sup> Permissible: 2.0 mg/m<sup>3</sup> air | <sup>3</sup> Dust Emission Values: Determined acc. to GS-HO-05

## Dimensions and Working Areas

Version 245|10:



Version 245|20:



### Space requirement:

The effective space requirement usually depends on the dimensions of the machine and the dimensions of the workpieces to be machined. In general, provide sufficient space around the machine and also calculate the required workplace for the operating personnel and for the infeed and outfeed of the workpieces.

**HOKUBEMA Maschinenbau GmbH**

Graf-Stauffenberg-Kaserne, Binger Str. 28 | Halle 120  
DE 72488 Sigmaringen (Germany) | Tel. +49 07571 755-0

E-Mail: [info@hokubema-panhans.de](mailto:info@hokubema-panhans.de) | Web: <https://hokubema-panhans.de>