

WOODPECKER Edge Sanding Machines Series KSM



Technical Specifications

	<i>KSM-9 3000/200</i>	<i>KSM-9 3100/150</i>
Table Size	L x W = 960 x 350 mm	L x W = 960 x 350 mm
Table Height	adjustable until 220 mm	adjustable until 220 mm
Sanding Belt Length	3000 mm	3100 mm
Sanding Belt width	200 mm	150 mm
Sanding Belt Backwall	1050 x 200 mm	1050 x 240 mm
Sanding Drums	with rubber coating	with rubber coating
Belt Speed	20 m/s	20 m/s
Rotational speed	2840 rpm	2840 rpm
Sanding Snit	inclined in the range 90 ... 45°	inclined in the range 90 ... 45°
Workpiece Fence Range	± 60° angle adjustable	± 60° angle adjustable
Revolving Turret Head	unavailable ¹	3 drums (Ø 60, 100 und 120 mm)
Main Motor	4.0 kW / 5.5 HP	4.0 kW / 5.5 HP
Motor Voltage	400 V	400 V
Protection Class	circuits IP54 / motors IP55	circuits IP54 / motors IP55
Oscillation Motor	0.25 kW	0.25 kW
Oscillation Stroke	20 mm	20 mm
Supply Cable	Cu, 5-wire. The Cross-section must be determined on site by a qualified electrician!	
Connecting Phases	L1 L2 L3 N PE	L1 L2 L3 N PE
Fuse Protection	External fuse (value depends on cable length and cross-section, see operating manual)	
Suction nozzle	1 x Ø 140 mm	1 x Ø 140 mm
Extraction Power	1800 m ³ /h at 25 ... 30 m/s	1800 m ³ /h at 25 ... 30 m/s
Net Weight	approx. 400 kg	approx. 400 kg
Signal Generator Lines for the Extraction System (Option)	Terminal 53 + 54 on Contactor -K1	Terminal 53 + 54 on Contactor -K1



- 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 operating manual and in the machine, if applicable.

Noise Emission Values

Weighted level: Noise pressure at idle state	$L_{pFA} = 83 \text{ dB}$ Uncertainty: K = 2 dB
Weighted level of noise power at the workplace	$L_{WA} = 101 \text{ dB}$ Uncertainty: K = 2 dB at error limit interval 95 %

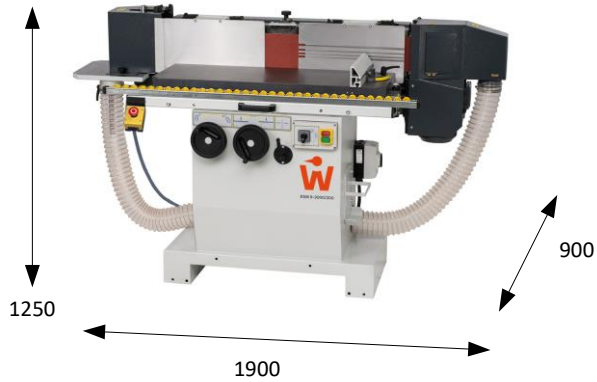


As soon as the workplace-related noise emission values of the machine exceed 85 dB(A), suitable hearing protection must be made available to the personnel!

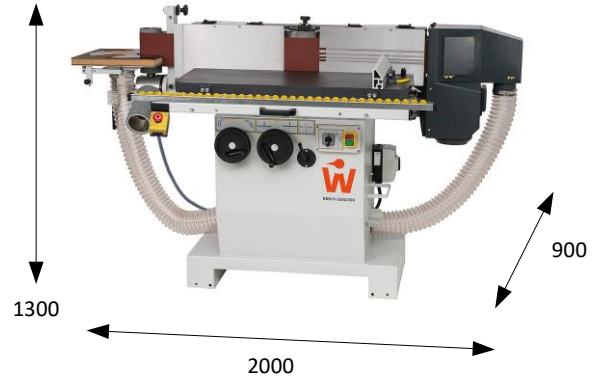
¹ For constructional reasons, the rotary star turret is only available for model KSM9-3100/150

Dimensions and Working Areas

Dimensions KSM-9 3000/200:

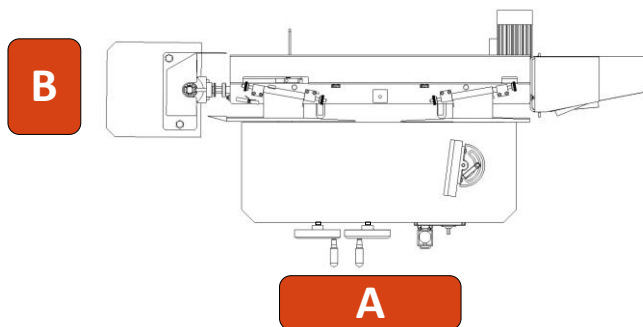


Dimensions KSM-9 3100/150:



- All dimensions are given in millimetres
- The dimensions given are rounded approximate dimensions
- We reserve the right to make dimensional and design changes

Working Areas:



- A = Working area for sanding straight surfaces and edges
 B = Workstation for sanding curves

Space Requirement:

The effective space requirement usually depends on the dimensions of the machine and the dimensions of the workpieces to be processed.

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

WOODPECKER

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