

WOODPECKER
Sliding Table Saw
FKS 6-315/1600



Technical Specifications	FKS 6-315/1600
Saw blade diameter	min. Ø 215 mm / max. Ø 315 mm
Circular saw shaft	Ø 30 mm
Shaft speed	4000 rpm
Length of the rip fence profile	800 mm
Rip fence capacity	950 mm (with mounted extension table)
Maximum cutting length	1600 mm (with optional scoring unit: 1500 mm)
Saw blade tilt range	0 ... 45°
Maximum cutting height at 0°	Saw blade Ø 315 mm: 102 mm / Ø 250 mm: 70 mm
Maximum cutting height at 45°	Saw blade Ø 315 mm: 72 mm / Ø 250 mm: 49 mm
Height of the machine table	850 mm
Machine table dimensions	800 x 550 mm
Dimensions of the slide table	1600 x 360 mm
Cross-cut fence	L = 1200 mm
Motor power	4.0 kW / 5.5 HP (optionally 5.5 kW / 7.5 HP)
Motor brake	electronic, wear-free
Protection class	IP54
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 backup fuse required (the value must be determined on site by a qualified electrician!)
Weight	approx. 350 kg
Temperature range	min. +1 ... max. + 40°C
Humidity	max. 90 %
Operating altitude	max. 1000 m above sea level
Suction nozzles	Ø 60 mm (saw blade guard) und Ø 120 mm (machine body)
Signal generator lines for the extraction system (option)	Terminal 53 + 54 on contactor -K2, see circuit diagram
Scoring unit (option)	
Saw blade diameter	120 mm
Circular saw shaft	Ø 20 mm
Motor power	0.75 kW / 1.0 HP
Shaft speed	8000 rpm



- 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

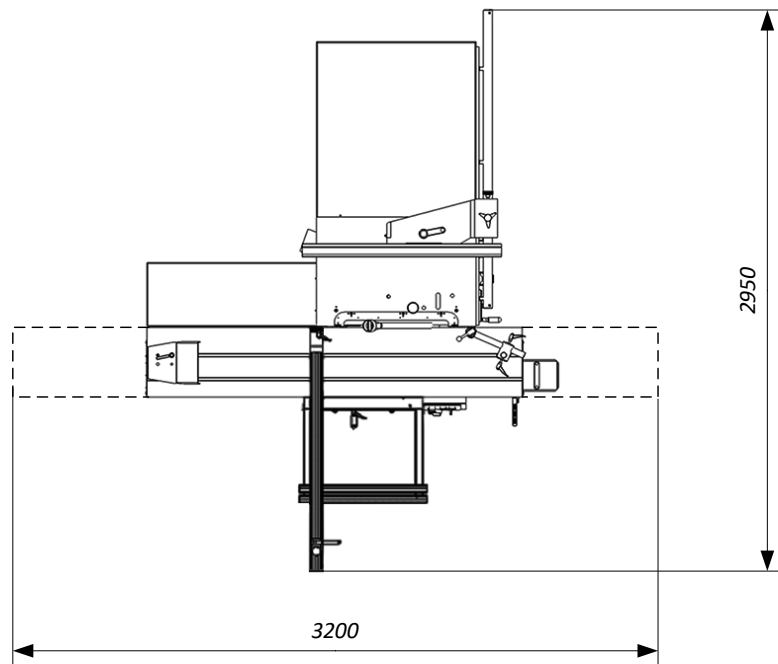
Weighted level: Noise pressure in idle state	$L_{pFA} = 79 \text{ dB}$ Uncertainty: $K = 2 \text{ dB}$
Weighted level of noise power at the workplace	$L_{WA} = 108 \text{ dB}$ Uncertainty: $K = 2 \text{ dB}$ at error limit interval 95 %



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!

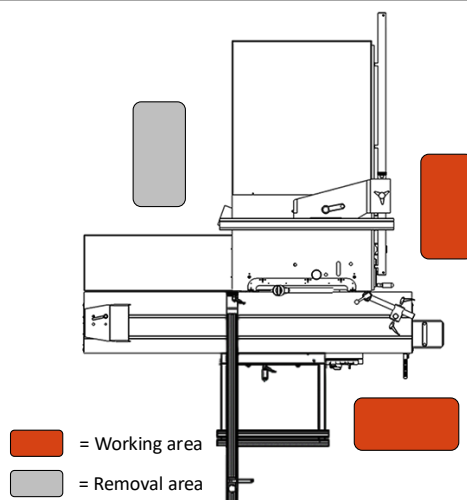
Dimensions and Working Area

Maximum* Dimensions:



*) Depending on the position of the sliding table and the cross-cut fence.
The dimensions shown are rounded approximate dimensions.

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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