

3V

3-wheel bandsaw machine for industrial applications



Technical specifications

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|---|---|
| Wheel diameter: | 600 mm (3 x) |
| Saw blade length: | min. 7680 mm / max. 7700 mm |
| Saw blade width: | 10 - 35 mm (thickness = 0.6 mm) |
| Saw blade speed: | variable version: 370 - 2000 m/min fixed version: 1550 m/min |
| Cutting height: | max. 1000 mm |
| Cutting width: | max. 1450 mm |
| Table dimensions: | 1940 x 1000 mm |
| Table height: | 825 mm |
| Bandsaw blade guide: | APA 2 (top: size 2 bottom: size 1) |
| Laser cut position indicator (option): | laser class 1M |
| Motor power: | standard: 4 kW (5.5 HP) previous type: 3 kW (4 HP) |
| Motor brake: | variable speed: electronic fixed speed: mechanical |
| Protection class: | IP54 |
| Spare requirement: | 3500 x 3566 x 2700 mm |
| Net weight: | approx. 1000 kg |
| Required floor load capacity: | 1500 kg/m ² |
| Voltage: | 400 V / 50 Hz |
| Supply cable: | Cu, 5-wire (Cross-section must be determined on site by a qualified electrician!) |
| Connecting phases: | L1 L2 L3 N PE |
| Fuse protection: | 4 kW (standard): 20 A slow 3 kW (previous type): 16 A slow |
| Extraction: | 4 x Ø 100 mm Required air volume = 1000 m ³ /h |
| Extraction power: | approx. 1450 m ³ /h at 20 m/s (dry chips) |
| Signal generator lines for extraction unit: | variable speed: terminal 03 + 04 on contactor -K2 (see circuit diagram) fixed speed: terminal 43 + 44 on contactor K1M (see circuit diagram) |



- 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

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|--|-------------------------|
| Average acoustic power (k3A = 4dB): | 79.7 dB(A) ¹ |
| Average acoustic pressure at the workplace: | 84.4 dB(A) ¹ |
| Workplace-related dust emission value ^{2 3} : | 0.74 mg/Nm ³ |

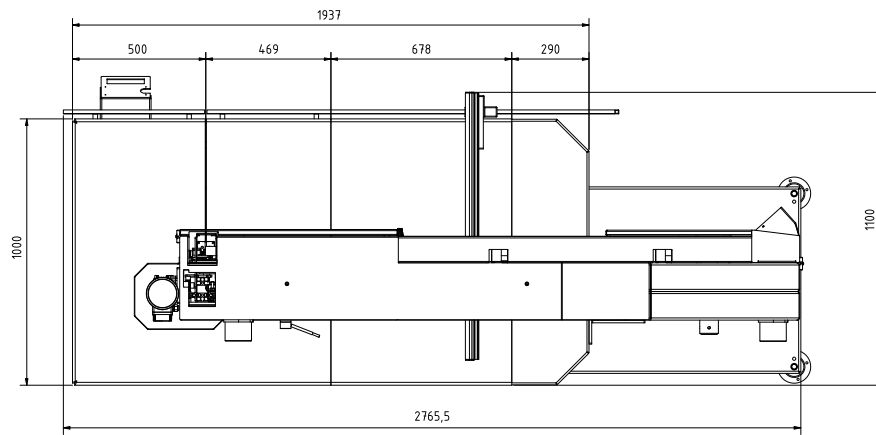


As soon as the workplace-related noise emission values of the machine exceed 85 dB(A), suitable hearing protection must be made available to the personnel!

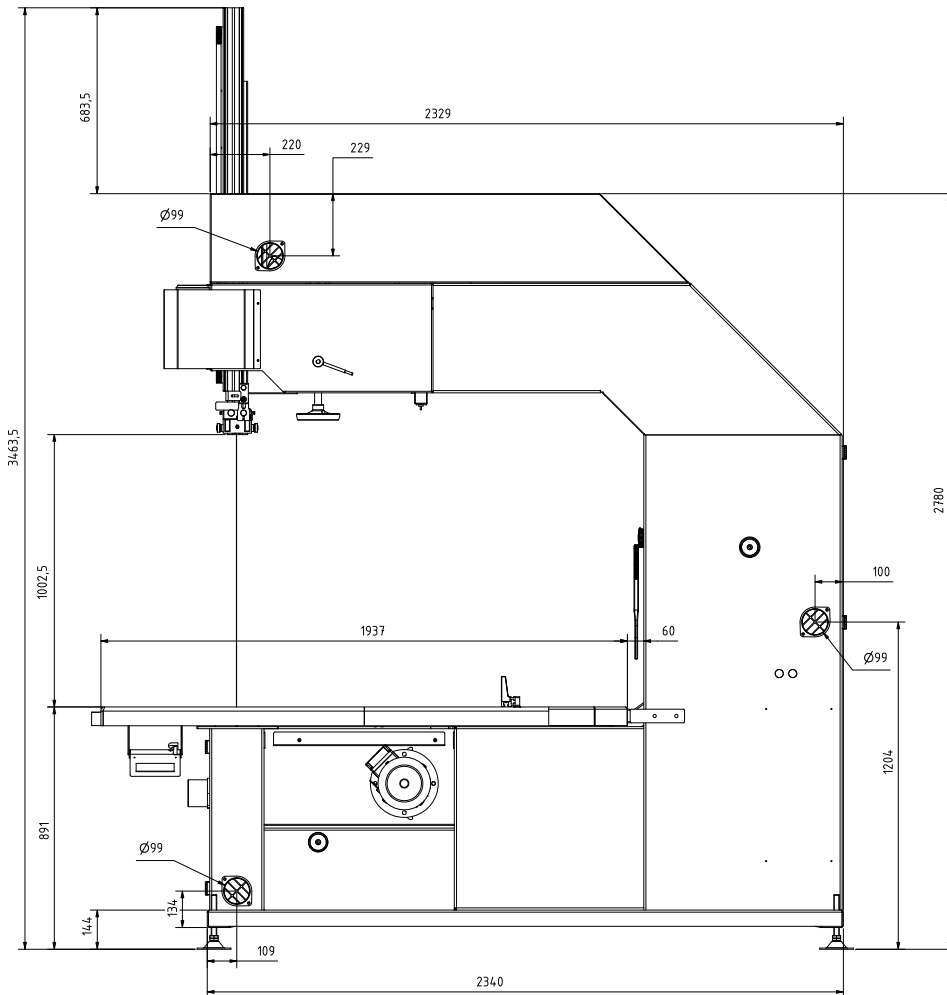
¹ according to ISO3746-ISO7960 / Appendix J | permissible: 2.0 mg/m³ air | ³ Dust emission values: determined acc. to GS-HO-05

Dimensions

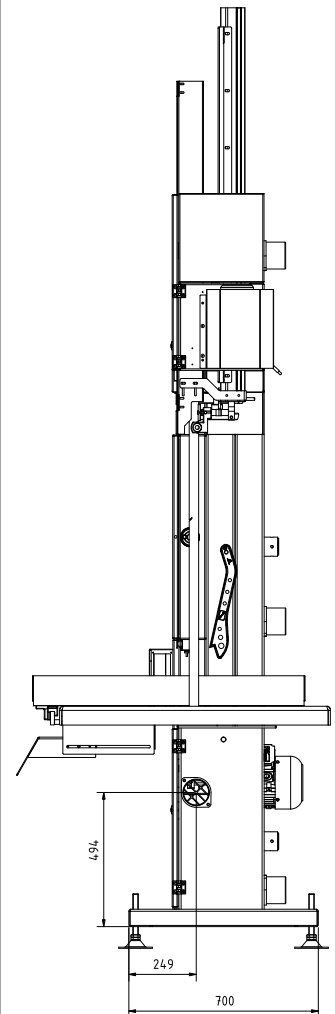
Top View:



Rear View:



Side View:



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