

BSB 800

Bandsaw Machine



Technical Specifications

Wheel Diameter:	800 mm
Saw Blade Length:	min. 5670 mm / max. 5775 mm
Saw Blade Width:	15 - 40 mm (10 - 40 mm with special crowned surface)
Saw Blade Thickness:	0.7 - 0.8 mm
Surface Width:	45 mm
Saw Blade Speed:	1800 m/min
Cutting Height:	max. 520 mm
Cutting Width:	max. 780 mm
Table Size:	760 x 1140 mm
Table Dimensions:	930 mm
Bandsaw Blade Guide:	APA 2 (Size 2)
Laser Cut Position Indicator (Option):	Laser class 1M
Motor Power:	Standard: 4.0 kW (5.5 HP) Option: 5.5 kW (7.5 HP)
Motor Brake:	mechanical (electrical with option "Variable Bandsaw Blade Speed")
Protection Class:	IP54
Spare Requirement:	see next page
Net Weight:	approx. 550 kg
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:	20 A
Extraction:	2 x Ø 120 mm Volume flow: 1140 m³/h
Extraction Power:	approx. 1450 m³/h at 20 m/s (dry chips)
Signal Generator Lines for Extraction Unit:	Terminal 163 + 164 on actuator K1, 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 machine column behind the control panel or optionally in the control cabinet.

Emission Values according to EN ISO 3746:2010

Noise Level ¹	Idle: 85 dB(A) Working: 97 dB(A)
Emission Pressure Level at the Workplace ¹	Idle: 68 dB(A) Working: 89 dB(A)
Workplace-related Dust Emission Value ^{2/3}	0.90 mg/m³

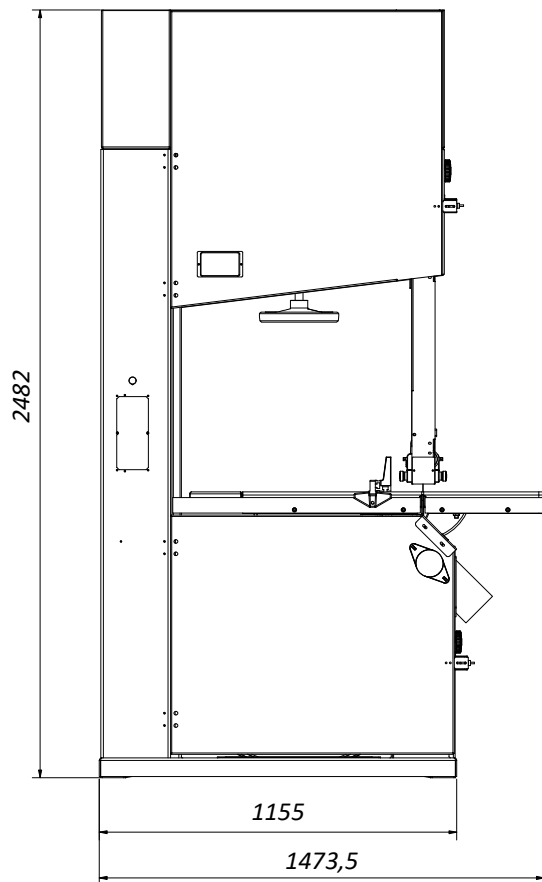


As soon as the workplace-related noise emission values of the machine exceed 85 dB(A), suitable hearing protection must be made available to the personnel!

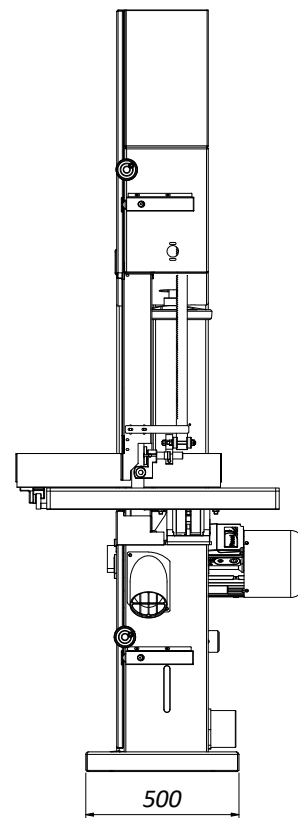
¹ Uncertainty allowance K = 4dB | ² Permissible: 2.0 mg/m³ air | ³ Dust Emission Values: Determined acc. to GS-HO-05

Dimensions and Working Area

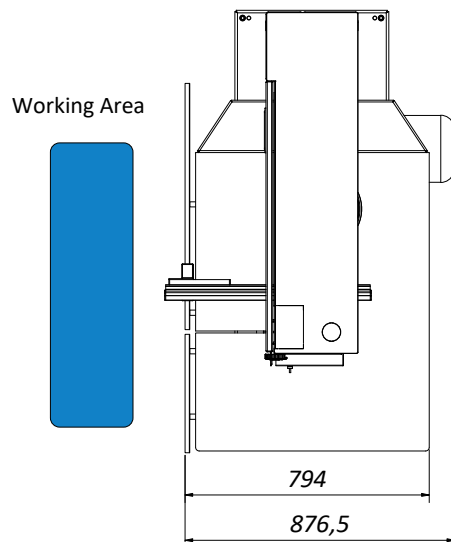
Front View:



Side View:



Top View:



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 out-feed 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 | Web: <https://hokubema-panhans.de>