

436 | 100

Thickness Planing Machine



Technical Specifications

Planing Width:	630 mm
Planing height:	3 - 300 mm
Table Length:	1100 mm
Machine Height:	approx. 1200 mm
Chip Removal:	max. 8 mm
Cutter Block:	Ø 125 mm Speed 5000 rpm
Main Motor Power:	7.5 kW (10 HP)
Protection Class:	IP54
Feed Motor Power:	0.55 kW (0.8 HP) / 0.75 kW (1.0 HP)
Feed rate:	7 + 14 m/min (standard) 3 - 24 m/min (Option "variable")
Space Requirement:	refer to ⇒ page 2
Net Weight:	1050 kg
Ground load:	1.0 kg/cm ²
Voltage:	400 V / 50 Hz
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:	25 A slow
Extraction Unit:	Ø 160 mm, negative pressure 600 Pa
Extraction Capacity:	approx. 1450 m ³ /h at 20 m/s (dry chips)
Signal Generator Lines for Extraction Unit:	Terminal 13 + 14 on contactor Q2 (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.
- With the variable feed rate option, the N conductor must also be connected to the main switch (note: "N" is loaded).
- The circuit diagram can be found in the control cabinet.

Emission Values according to EN 860 ¹

(when using the standard cutter block)

Workplace-related noise emission levels in dB(A):	A ¹ 74,0 / A ² 70,6 (idle) A ¹ 80,5 / A ² 82,7 (machining)
Sound power level in dB(A):	83,4 (idle) 94,2 (machining)
Workplace-related dust emission value ^{2 3} :	1.72 mg/m ³ air

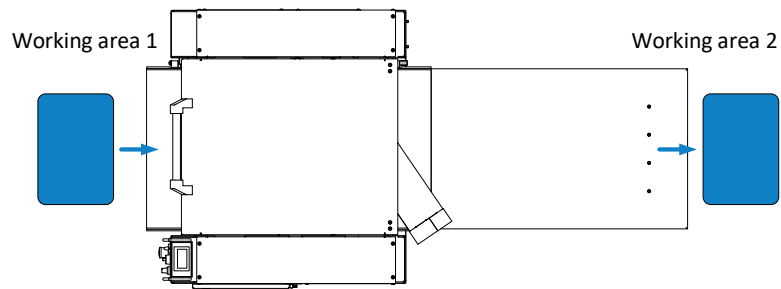


The noise emission values of the machine partly exceed 85 dB(A)!
Therefore, suitable hearing protection must be provided to the personnel!

¹ Uncertainty allowance K = 4 dB(A) | ² Permissible: 2.0 mg/m³ air | ³ Dust emission values determined acc. to GS-HO-05

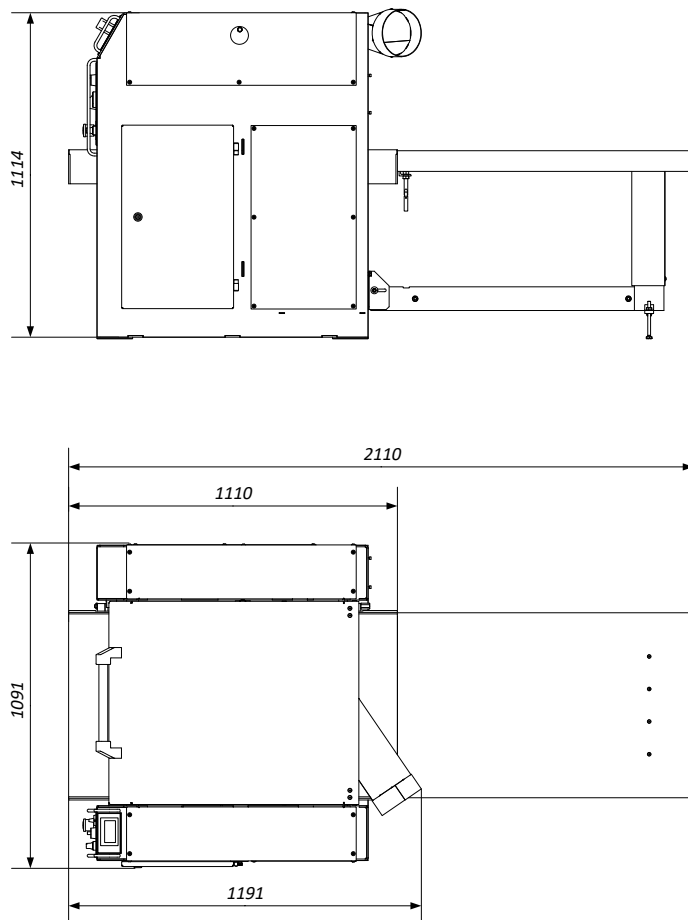
A¹ Working area 1 | A² Working area 2 (see ⇒ next page)

Working Areas

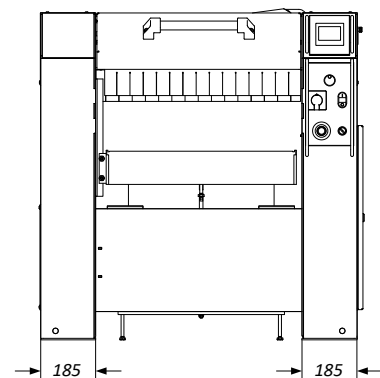


Dimensions

Side and Top View:



Front View:



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.

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