

680 | 100 Sliding Table Saw



Technical Specifications

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| Table Size: | 1200 x 655 mm |
| Table Height: | 900 mm (± 20 mm) |
| Tilt Range of the Sawblade: | 0° - 46° |
| Sawblade Speed: | 3000/4000/5000/6000 rpm (switchable) |
| Sawblade Diameter: | max. 450 mm (400 mm retractable under the table) |
| Bore Ø Main Saw: | 30 mm |
| Bore Ø Scoring Saw / Option Quickstep: | 22 mm / 50 mm (sawblade diameter max. 125 mm) |
| Angle / Mitre Fence: | on both sides up to 46° |
| Cutting Height: | max. 155 mm at 90° / max. 105 mm at 46° |
| Cutting Length / Slide Length: | 3400 mm / 3200 mm |
| Cutting Width at the Rip Fence: | 1030 mm |
| Cutting Length at the Crosscut Fence: | max. 3500 mm |
| Table Extension: | plus 750 x 655 mm |
| Table Widening: | 1200 x 655 mm |
| Drive Motor Power: | 5.5 kW (7.5 HP) optionally 7.5 kW (10 HP) |
| Protection Class: | IP54 |
| Space Requirement: | 7000 x 6500 mm |
| Net Weight: | approx. 1051 kg |
| Ground Load: | 4.0 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: | 5.5 kW: 25 A 7.5 kW: 32 A or 35 A |
| Extraction Unit: | Total connection Ø 140 mm negative pressure approx. 1200 Pa |
| Extraction Capacity: | approx. 1450 m ³ /h at 20 m/s (dry chips) |
| Signal generator wire for extraction unit: | Terminal 03 + 04 on contactor K2, see wiring 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 1870-1 ¹

| | |
|--|--|
| Workplace-related emission levels in dB(A): | 87 (idle) 85 (machining) |
| Sound power level in dB(A): | 99 (idle) 101 (machining) |
| Workplace-related dust emission value ^{2 3} : | The determined values comply with the required assessment values for the "GS wood dust test" mark by the German Woodworkers trade association. |



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

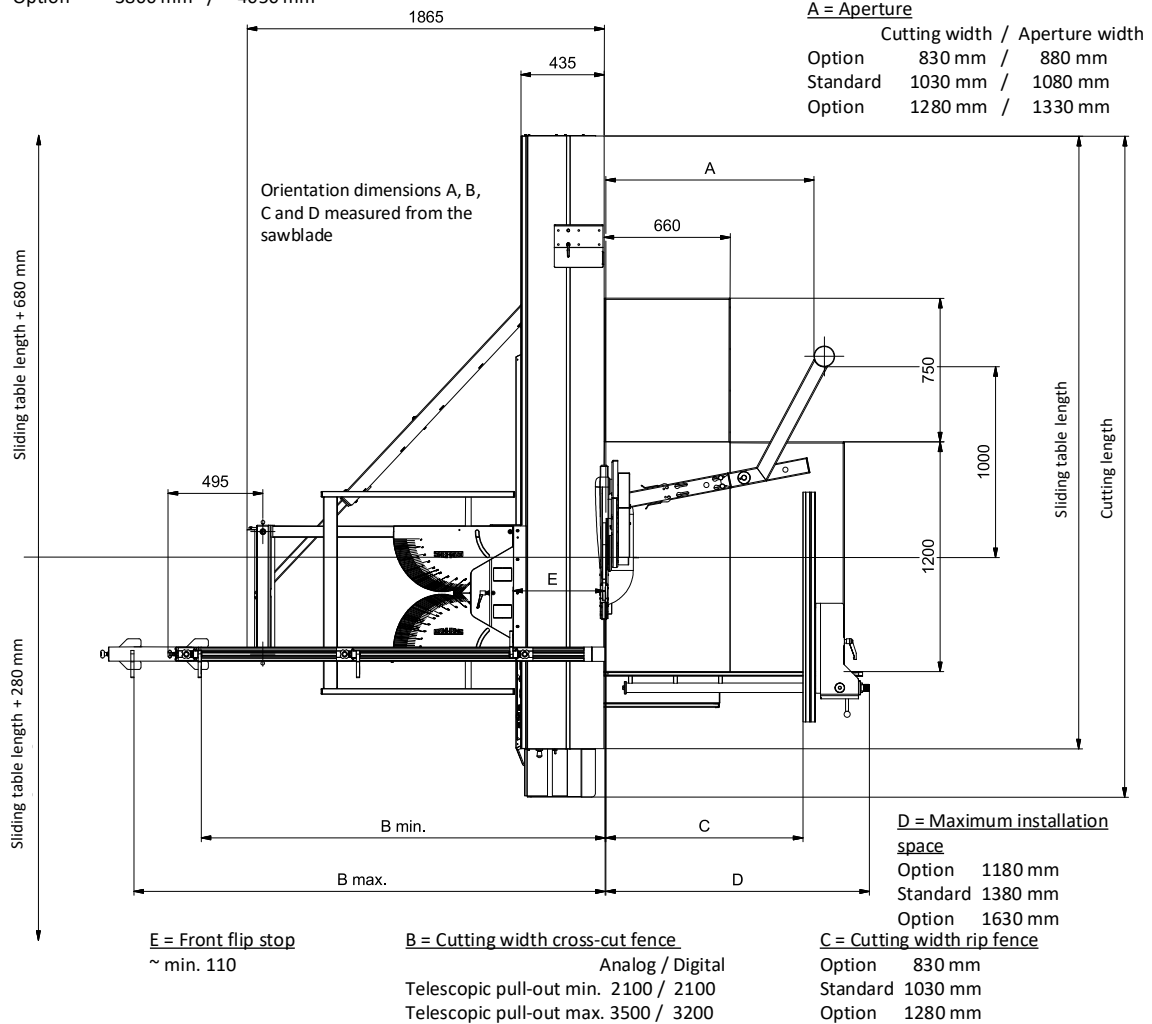
¹ Uncertainty allowance K = 4 dB(A) | ² Permissible: 2.0 mg/m³ air | ³ Dust Emission Values: Determined acc. to GS-HO-05

Dimensions

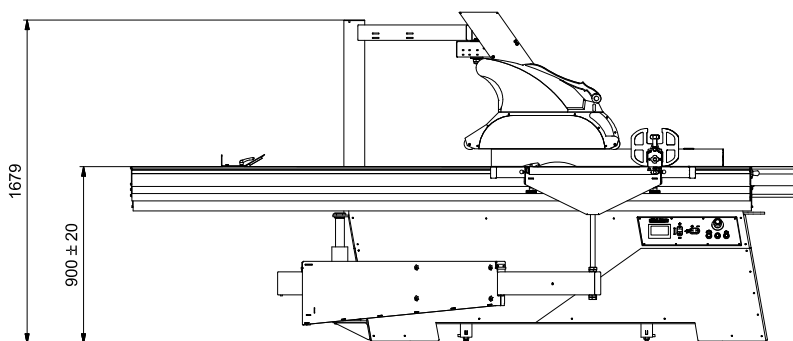
Top View:

Sliding table

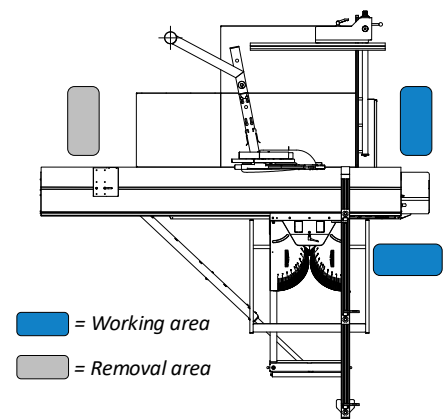
| | Table length / Cutting length |
|----------|-------------------------------|
| Option | 2600 mm / 2850 mm |
| Standard | 3200 mm / 3450 mm |
| Option | 3800 mm / 4050 mm |



Front View:



Working Areas:



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