

The universal machine for ultimate precision

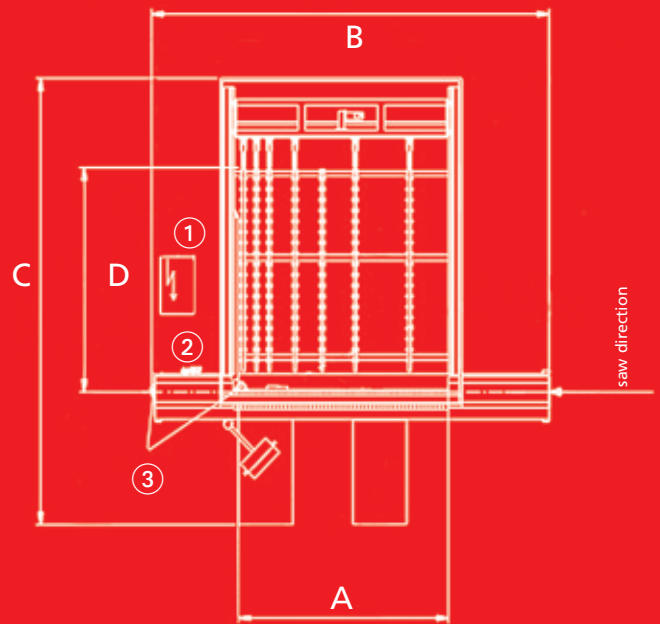
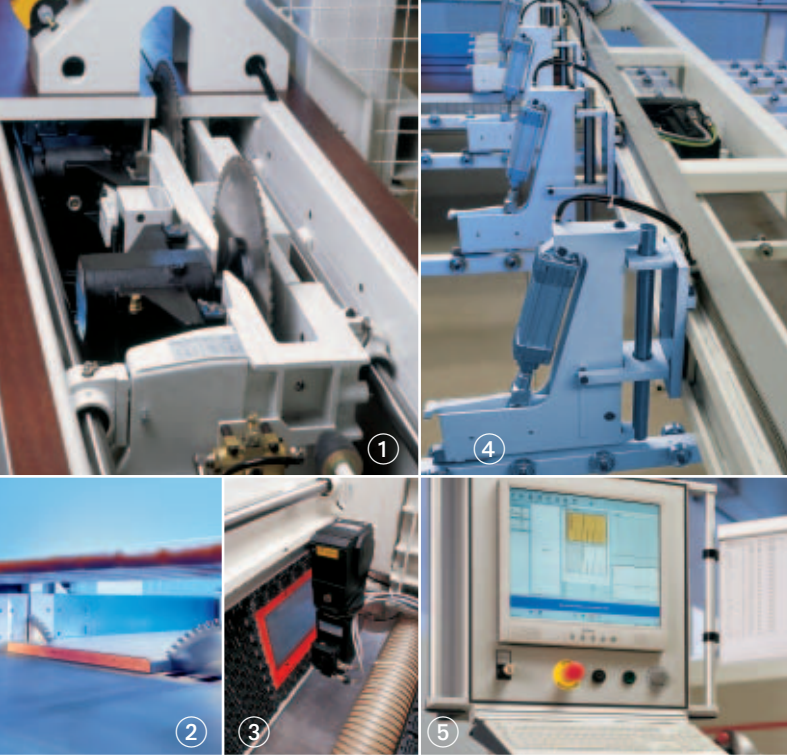
The PA 5000 series is the innovative modular construction system for panel sizings.

The PA 5500 is the proven panel sizing saw for all cutting tasks because of its modular construction. Independent of the high capacity or the particularly critical board material, the PA 5500 is the optimal panel sizing saw for the industry and handcraft.

The controlling of the panel sizing saw is carried out using a Siemens SPS S7 that is directly integrated into the PC. The operating system is the comfortable Windows XP Professional. The operator communicates with the machine using a 17" TFT monitor. New systems and customisations of cutting pattern are carried out using a graphically assisted dialogue mode. The subsequent tracking of the cutting procedure can be viewed on the monitor at any time.



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① Electrical connection ② Air connection ③ Extraction

- ① Saw carriage in vibration absorbing cast iron hollow chamber construction
- ② Ultimate precision for post forming cuttings
- ③ Effective direct extraction hose on the saw carriage
- ④ Material pusher as a solid, diagonal stable steel frame construction
- ⑤ Simple and clearly arranged operation of the panel sizing saw

Technique, which leads to precision cutting.

On the one side, this is a massive machine bed in a compact construction with wear free saw carriage bearings on both sides and on the other side, a perfect combination of exact side aligner and a high precision material pusher. Not to forget the effective extraction hose as a closed system on the saw carriage, pressure beam as well as in the cutting area of the angular fence.

Optional is the wide range of available extensions such as post forming saw, partial labelling or automatic lifting table feeding.

Measurements:

	PA5500-31	PA5500-42
A	3100 mm	4200 mm
B	5920 mm	7020 mm
C	6141 mm	7341 mm
D	3150 mm	4250 mm

Technical data:

Cutting length	3100/4200 mm
Saw blade projection	85/115 mm
Number of clamping fingers	6/7
Work piece supporting table	1841 x 800 mm
Main saw	9,0/11,0 kW
Scoring saw motor	2,2 kW
Saw carriage feed	0-100 m/min
Saw carriage return run, lowered	130 m/min
Material pusher feed rate*	25 m/min
Material pusher return speed	85 m/min
Control system	Siemens S7

* within the EU to 25 m/min limits



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