



## FOR THE BUILDING INDUSTRY



**ELCON**



The building industry makes high demands on the machines that are used for cutting panels: robust, thorough and simple to use, but also the flexibility to adapt to different dimensions and materials, handy, easy to load and e.g. the possibility to cut angles.

Elcon offer a machine that is developed specially for the building industry, the CONSTRUCT. This model is build up from two self-rigid carrying guidance modules for a very accurate saw movement and an extreme long life. The dimensions are adjusted with a large heavy stop with fine adjustment and the panels can be loaded onto the machine with the rollers on both sides of the machine.

This version has a compact structure and because of the self-carrying modules it does not need special adaptations to the floor. In case of a failure, the cause can be traced easily through the diagnosis window. For angle-cutting of panels it is possible to add a panel tilting ruler. With this, panels can be placed under an angle of maximum + of - 45° on the machine. The angle setting is stepless, digitally shown and can be reset from zero in every position.





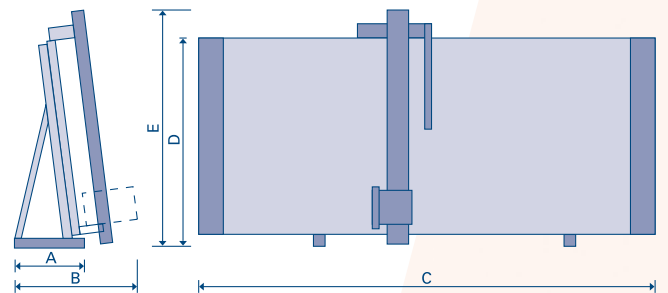
## Machine characteristics

- Heavy, self-rigid carrying guidance modules
- Robust, fine-adjustable measuring stop
- Precision within DIN 875/1 (0.1 mm.)
- Compact structure
- Repeat-stop for strip cutting
- Programmingrail for repetitive dimensions
- Simple operation
- Easy panel handling
- Failure diagnosis
- No special floor needed
- For many different materials

## Options

- Panel tilting ruler for the cutting of angles
- Double bearing bottom rollers, with pneumatic panelclamp and panel turn over possibility.
- Square stop extension
- Scoring saw
- Pneumatic moving framework
- Digital scale
- Electric positioning module for vertical cutting
- Patented Limpio dustcollection system, emission less than 0.5 mg/m<sup>3</sup>
- Dust extractor with micro filter
- Cutting depth 80 mm.
- Automatic cutting cycle

Construct	155	185	215
A	945 mm	945 mm	945 mm
B	1450 mm	1450 mm	1450 mm
C	4510 mm	4510 mm	5510 mm
D	1980 mm	2280 mm	2580 mm
E	2265 mm	2565mm	2865 mm
kg	725	770	895
When cutting horizontally in highest posit.: +160 mm Extra space needed at right: + 300 mm			



TECHNICAL DATA	155	185	215
Max. cutting length	3300 mm	3300 mm	4300 mm
Max. cutting height	1550 mm	1850 mm	2150 mm
Max. cutting depth	55 mm	55 mm	55 mm
Motor	2,2 kW	2,2 kW	2,2 kW
Rotation speed	5100 rpm	5100 rpm	5100 rpm
Diameter sawblade	250 mm	250 mm	250 mm

For your nearest dealer, please contact:

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Elcon is continuously working on developing and perfecting its product range, which may result in changes to product specifications without prior notice.

