



# FOR THE TIMBER MERCHANTS



The timber merchants make high demands on the machines that are used for cutting panels: high productivity and precision, but also a solid and thorough construction, very simple panel handling and of course the most effective dust extraction.

Elcon offer a machine that is developed specially for the timber merchants, the OPTIMUM. This model is equipped with an automatic cutting cycle for the horizontal and vertical cutting to size of panels. The cutting speed is steplessly adaptable to the thickness and the kind of the material and also the length of the saw-course can be attuned to the height and length of the panel. It is provided with the patented Limpio dust collection system that offers the most effective dust extraction by collecting the dust on both sides of the panel, directly at the saw-blade.

For the most comfortable operation, it is possible to add the module for programmable cutting of strips. With this, the pattern for horizontal cutting of panels into strips can be given in and after that being called on and executed automatically. The Advance option even offers the automatic cutting to size horizontally and vertically in one working course, without the need to take off or turn the panels in between.





### Machine characteristics

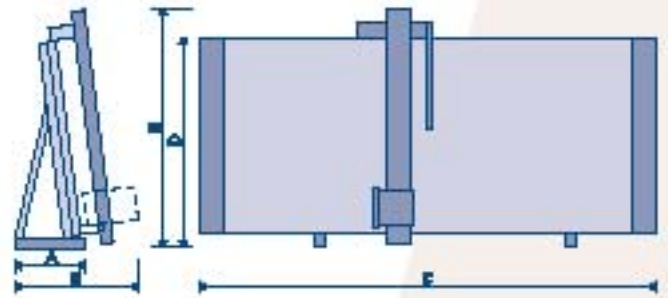
- Heavy, self-rigid carrying guidance modules
- Automatic cutting cycle horizontal and vertical
- Stepless adjustable cutting speed
- Free adjustable length of saw-course
- Patented Limpio dustcollection system, emission les than 0.5 mg/m3
- Pneumatic locking of saw-unit at working height, with fine adjustment
- Robust, fine-adjustable measuring stop
- Double bearing bottom rollers, with pneumatic panelclamp and panel turn over possibility.
- Precision within DIN 875/1 (0.1 mm.)
- Failure diagnoses
- Cuting depth 80 mm.

### Options

- Electric positioning module for vertical cutting
- Digital scale
- Motor 4kW or 5.5 KW
- Programmable cutting of horizontal strips
- Advance clamping system for horizontal and vertical cutting to size in one course
- Increased throughcut-size for extra smooth backside-cut
- Square stop extension
- Scoring saw

Optimum	155	185	215
A	945 mm	945 mm	945 mm
B	1860 mm	1860 mm	1860 mm
C	4510 mm	4510 mm	5510 mm
D	1980 mm	2280 mm	2580 mm
E	2325 mm	2625mm	2925 mm
kg	725	775	945

When cutting horizontally in highest position: +160mm  
Extra room at right side: + 300 mm



TECHNICAL DATA	155	185	215
Maximum cutting length	3300 mm	3300 mm	4300 mm
Maximum cutting height	1550 mm	1850 mm	2150 mm
Maximum cutting depth	80 mm	80 mm	80 mm
Motor	3 kW	3 kW	3 kW
Speed of saw-blade	4200 rpm	4200 rpm	4200 rpm
Diameter saw-blade	300 mm	300 mm	300 mm

For your nearest dealer, please contact:

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