

D

ENG

# Precisely for you.



The D:  
Economical and complete

**ELCON**  
SAWING TECHNOLOGY

# All the basic functions are included

The D Series from Elcon offers the most economical range of vertical panel saws. Despite a complete package of features with, for example, entry rollers on both sides, repeat stop for strip cutting, double cut scoring and the standard heavy duty frame construction, the machines are offered at a very attractive price.

Other advantages of the model D include the reduced footprint size over standard machines occupying even less space in the workplace and the increased saw projection through material up to 25 mm thus increasing the effective life of the saw blade by 100%.



Guidance



Measuring stop



Pull out mid-rail and end stop



## Frame

A fully self-supporting construction with torsion-rigid carrying modules is the basis for the steel length guidance shaft. The tension free guidance ruler guarantees an accuracy within 0,1 mm/m. The hardened steel bar ensures a very long life.



## Repeat stop for strips

Cutting a panel horizontally into strips of the same width is easy with the adjustable repeat stop with tracking bearing.

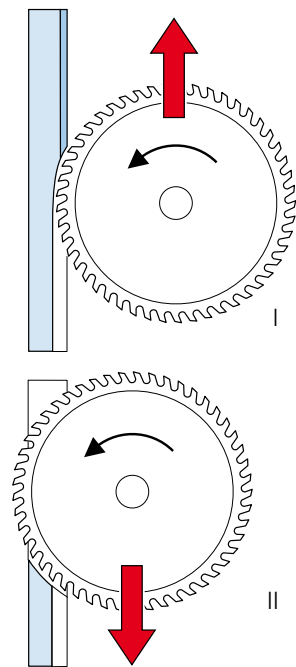


## Upright frame

The more upright frame of the D reduces the working footprint. Even with the saw unit in the lowest position the space saved is notable.

## Double cut scoring

Scoring is standard on the model D using the main blade. With double-cut scoring, the top layer of the panel is scored with a reduced saw blade plunge while positioning the head for the main cut (I). Then, the saw blade is plunged fully into the panel and the cut is completed (II).



## Scoring depth

With an easy to use adjustment one can preset the scoring depth of the main blade. The lever can be operated from above and below the saw unit.

## Transport rollers

The Model D as standard is equipped with manually operated transport rollers. This makes it easy to move heavy panels and prevents them from being damaged.



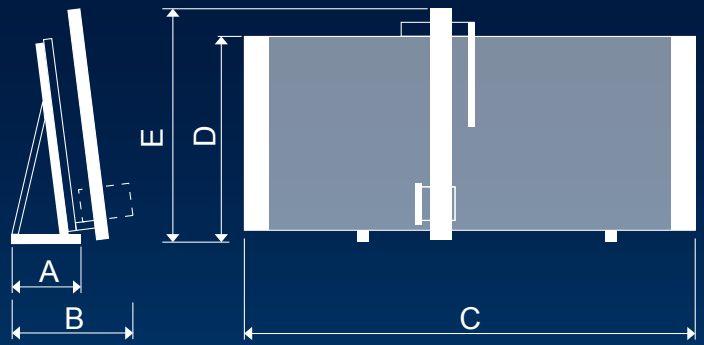
# D

## DS

## DSX

## Advance

## Advance<sup>2</sup> Quadra



Technical data	155	185	215
Maximum cutting length	3300	3300	4300
Maximum cutting height (hor)	1505	1805	2105
Maximum cutting height (vert)	1550	1850	2150
Maximum depth of cut	60 mm		
Motor (S6)	4 kW		
Speed	5100 rpm		
Diameter saw-blade	250 mm		
Electric supply	400V/3ph/50Hz		
Extraction flow rate	> 1000 m <sup>3</sup> /u, 20 m/s		

Dimensions (mm) and weight	155	185	215
A	650	650	650
B	1100	1100	1100
C	4720	4720	5720
D	1980	2280	2580
E	2265	2565	2865
Weight kgs	640	705	825
<i>When cutting horizontally at the highest position: +160 mm. Extra space to the right: +60 mm.</i>			
<i>Special sizes on request.</i>			

### Family features across the Elcon range

- Unique long life guidance for saw beam
- Super silent motor housing with insulation
- Safety: CE tested
- Precision: 0,1 mm/m (DIN 875/1)
- Construction: robust modular welded frame

### Features of the D

- Repeat stop for strip cutting
- Integrated operating handles at two heights
- Facility for cutting out rectangles
- Easy access to saw blade
- Adjustable saw depth
- 25 mm saw projection though material

### Standard Accessories

- Double cut scoring with main blade
- Repeat stop for strip cutting
- Mid fence in 3 parts with integrated end stop
- Panel entry rollers
- Panel placement guide
- Extra support strips for smaller pieces
- Fixed guiding bottom blocks for stable panel support
- Electromagnetic brake on motor
- Indestructible double chain guidance for saw unit
- Guiding rail cleaners
- Supplied with CD-ROM, user guide, tooling and Internet support access
- High quality saw-blade
- Transport rollers

### Optional Accessories

- Automatically moving rear support frame (pneumatic)

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

PO Box 72 2450 AB Leimuïden The Netherlands  
Waaier 2 2451 VW Leimuïden The Netherlands

**ELCON**  
SAWING TECHNOLOGY

T +31 (0) 172 50 88 91 F +31 (0) 172 50 78 92  
E info@elcon.nl www.elcon.nl