

TITAN

THE PANEL SAW FOR THICK PANELS



Where, in the past, cutting depths of 60 or 80 mm were sufficient many in the industry have the need to cut thicker (insulated) panels.

Because of the high insulation values and the quick processing, these panels are used more and more.

Panel thicknesses of 135 mm, 150 mm and even 200 mm are no longer uncommon.

These are mainly the sandwich panels with a foam core and an external cladding of wood, plastic, aluminium or even steel.

To be able to cut these panels easy and accurately Elcon has developed a powerful vertical panel saw, the TITAN.

This machine is constructed stronger in all aspects and has a double saw guidance with a slewing bearing in which the saw head can turn. This results in very precise rotation and cutting.

The TITAN comes with a strong 7.5 kW (10 hp) motor with steplessly variable speed and automatic tilting of the saw head.

Automatic panel detection prevents damaging the panels edges and a laser line indicator shows the cutting line.

In combination with the automatic cutting cycle and variable feed speed this allows for optimal cutting with the TITAN.

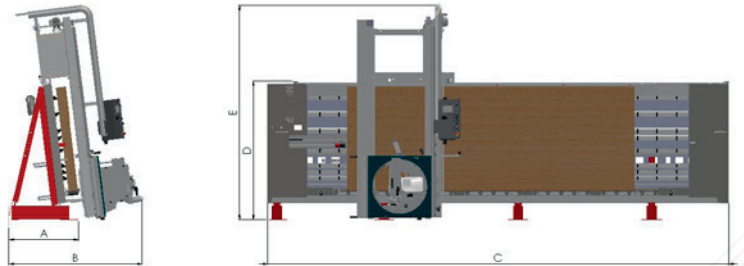
TITAN

STANDARD FEATURES

- Unique long life guidance on hardened steel rods
- Robust frame with heavy cast iron flip stop on solid steel axis
- Pneumatic plunging of saw head
- Automatic tilting saw head
- Pneumatic locking for horizontal cuts
- Big cutting depth of 150 mm
- Touch screen on operating panel
- Fine adjustable flip stop
- Motor 7.5 kW (10 hp)
- Clipboard for cutting lists
- Fixed guiding bottom blocks for stable panel support
- Entry and exit roller
- Saw motor with steplessly variable speed
- Laser cutting line indicator
- Automatic cutting cycle for horizontal and vertical cutting
- Variable cutting speed

TECHNICAL DATA

Type	Titan 155
Maximum cutting length	4300 mm 6300 mm
Maximum cutting height horizontal	1510 mm
Maximum cutting height vertical	1550 mm
Maximum cutting depth	150 mm
Motor	7,5kW-S6
Speed	450 mm
Electric supply	400V/3ph/50Hz
Air requirements	8 bar
Extraction flow rate	>1000 m ³ /h, 20 m/s



OPTIONAL ACCESSORIES

- Cutting depth up to 200 mm on request
- Larger cutting lengths and/or cutting heights on request
- Lubrication system for saw blade
- Saw guard for sensitive panel top layers
- Double bearing bottom rollers, with pneumatic panel clamp
- (Extra) pneumatic clamp
- Automatic moving back support grid
- Digital read out for horizontal cuts
- Digital read out for vertical cuts
- Programmable strip cutting horizontally
- Electronic positioning module for vertical cutting
- Square stop extension

DIMENSIONS AND WEIGHT

Type	Titan 155
A	1040 mm
B	1985 mm
C	6895 mm 8895 mm
D	2080 mm
E	3200 mm
Weight	2100 kgs 2300 kgs

When cutting horizontally at the highest position: + 0 mm
Extra space at the right: + 0 mm
Special sizes on request