

W**T****M** | **WOODTECH**
MECHATRONICS

Lancer Panel Saw

Technical Data Brochure



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The Lancer Panel Saw is ideal for a small to medium sized shop owner.



Lancer Panel Saw

Technical Specifications

Specification Table

Max. Cutting Length	3100 / 3700mm
Max. Cutting Thickness	100mm
Main Blade Power	5.5kW
Main Blade Speed	3800/5200rpm
Scoring Blade Power	1.1kW
Scoring Blade Speed	9000rpm
Main Blade Diameter	(Φ 300- Φ 350) \times Φ 30mm
Scoring Blade Diameter	Φ 120 \times Φ 22mm
Main Blade Lift & Fall	Electric
Scoring Blade Lift & Fall	Electric
Blade Tilts	0-45°
Net Weight	785 / 825kg
Overall Dimensions (L\timesW\timesH)	3300 / 3900 \times 3330 \times 1050mm

Machine Specifications subject to change.

Final specifications for machines ordered are depicted on our quotation sheets and are not necessarily the same as the specifications as shown on this brochure.

Lancer Panel Saw

Technical Features

Frame Work

The base and frame work of the machine is made strong and sturdy, as well as being heat treated to ensure longevity.



Sliding Carriage

The carriage is made from anodized aluminum which ensures its strength but also avoids leaving scratches on the panels.

The carriage uses small rollers and parallel rails for precision motion smooth cutting. The slider carriage also has a locking mechanism.

Saw Carriage

The Lancer boasts powerful 5.5kw motors with excellent cutting performance. The main saw blade can cut up to 3800 rpm. The saw carriage is adjustable with a quick-lock function. It can be adjusted from 0° to 45°. Cutting thickness at 0° is 100mm and cutting thickness at 45° is 70mm.



Fence

The fence slides easily over the working table on a smooth, precise round bar. The fence can be locked in place using the locking mechanism.



Dust Extraction

The Lancer has a dust extraction system that is safe and out of the way so it can be used during the operation of the machine. The continuous extraction prevents dust and bits of wood from scratching or damaging the machine while in use.



Work Space

The Lancer's working table has been manufactured from thick steel plates ensuring strength and rigidity.

Control

The machine is controlled via a panel on the side and the operator can electrically adjust the saw lift and fall. The machine comes equipped with an E-stop button to cut the power immediately in an emergency.



WoodTech Mechatronics

Strategic Qualifications

WoodTech is a company that manufactures specialized machinery primarily in the woodworking and plastics industry.

Historically we have been in business for 20 years and have machinery from our plant working in 20 countries on 5 continents and have distributors in 4 countries. Our product reliability and quality is professed by our customers and distributors. All machinery manufactured by WoodTech from day one are to the best of our knowledge still in active production.

WoodTech entered the CNC market thirteen years ago after a year's development in this area. Our development since then has been ongoing, seeking out the best components and systems to provide on our machines relative to the market segment that we aim those machines at. We believe we have mastered all aspects of CNC router manufacturing in the high performance 3 axis machines. Our top model, the C-Nest Prestige Router, currently performs at 90m/min rapid and 50m/min cutting speed and accelerations of 2,5 m\sec² which is among the highest in the industry. WoodTech does design its machines to be fit for purpose and is economical when correctly compared to opposition products.

WoodTech's facilities are of sufficient standard and capability to complete the entire project in house although some specialized work may be decided on to be contracted out. Our managing director is a mechanical engineer and our design engineers are also qualified mechanical and mechatronic engineers.

 <https://woodtech.biz>

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