

**Titan T2 and T2 Plus Metal Cutting Fibre Lasers.**  
**Incredibly Accurate, Incredibly Powerful.**



**Easy Control**

The Titan T2 Fibre Laser features easy controls through a Windows-based PC system and a handheld remote pendant, enabling seamless networking, cloud storage, and third-party app integration.



**Compact Powerhouse**

The Titan T2 series offers power options from **1.5 kW to 12 kW** and flexible bed sizes. The T2 model has a 1260 x 2510 mm bed, while the T2 Plus provides a larger 1500 x 3000 mm bed. This versatility lets you choose the ideal power and workspace combination for your needs.



**Software Included**

All of our Titan Fibre Lasers come with software. With flawless integration with the Cypcut control software, running the laser is quicker and easier than ever, it even includes a nesting feature to optimise your cutting process.



**Pull Out Loading Table**

The T2 is our most compact machine doing away with the bulky exchange table. In order to make loading sheets as easy as possible it features wide opening doors and a slide-out bed making loading by crane, forklift or by hand easier than ever.



**Easy File Loading**

Cypcut control software loads DXFs directly onto the laser for rapid cutting in seconds. It reduces programming time significantly, perfect for prototyping and one-offs.



**Dual Circuit Chiller**

All of our Fibre lasers come standard with an S&A chiller that has dual temperature control, ensuring that your power source and optics remain cool at all times.



**Touchscreen Enabled**

The Titan T2 Fibre Laser has a user-friendly touchscreen for simplified operation, enabling seamless control and easy performance monitoring.



**Auto Focus Cutting Head**

The standard RayTools head on all machines offers features like, built-in capacitance height sensor, and autofocus.



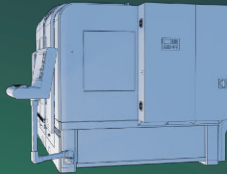
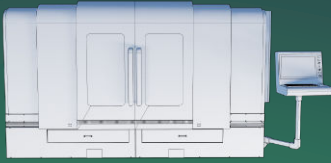
**Scrap Collection**

Incorporated drawers for collecting scrap pieces are located at the front of the machine. These trays pull out making it easier and safer to dispose of waste metal.



**Compact & Fully Enclosed Build**

Safety is paramount, all of our Fibre Laser Cutters are fully enclosed for both operator and bystander safety and to ensure cut vapours can be extracted safely.



**CE Rated Viewing Panels**

All of our Fibre Laser Cutters come with CE-rated Laser viewing glass for operator safety.

**Software Included**

All of our Titan Fibre Lasers come with software packages associated with the systems. We also offer upgrades to either Libellula or RADAN.

**Cyclone Extraction**

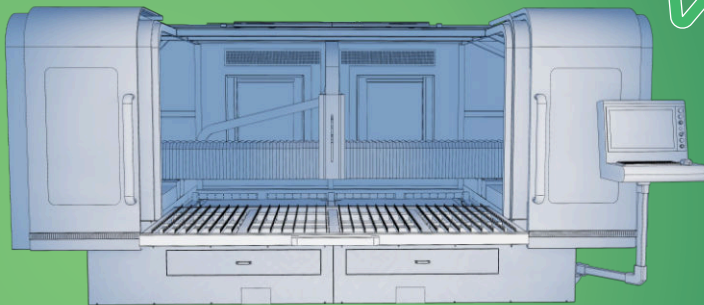
Optional Cyclone extraction systems manufactured in Europe with full CE specification. Can be installed internally or external with the optional weather cowl.

**UK Engineering Team**

All of our engineers are based right here in the UK and form part of our installation and support teams.

**Warranty & Aftersales**

All Titan systems come with a 24-month parts and labour warranty for peace of mind. Our after sales is UK based and includes lifetime support via email and telephone.



## Specifications



UP-TO 12KW  
OF POWER



COMPACT  
SYSTEM



EASY TO  
USE



RELIABLE



INSTALLATION  
INCLUDED

Safety Enclosure	Yes – full safety enclosure to protect your operators from any stray beams and to aid in the safe extraction of cutting vapour.
Bed sizes (mm)	<b>1260 x 2510 mm (T2 model) or 1500 x 3000 mm (T2 Plus)</b>
Bed type	Low contact blade cutting table - easy load system
Laser source power options	1.5, 2kW, 3kW, 4kW, 6kW, 12kW (12kW has a motorised bed).
Cutting head	Raytools autofocus system
Servo drives	Yes - Yaskawa
Drive system	Double Y axis ball screw transmission
Guide rails	HIWIN
Ball screw	TBI
Water chiller	Yes – S&A CWFL Series (model, laser source dependent)
CNC control	Cyrcut
Software package	Cyrcut laser cutting control system with nesting function.
Consumables	X6 nozzles, X6 protective lenses, X1 focusing lens
Power requirements	3 Phase AC 380V 50HZ
Delivery and installation	Included (offloading and positioning are available upon request). Installation and training included

## Machine dimensions

<b>Model</b>	T2
<b>Width</b>	3870 mm (4650 with doors open)
<b>Height</b>	2331 mm
<b>Depth</b>	2575 mm
<b>Weight</b>	Appx 2995kg

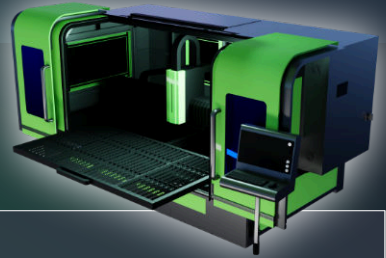
<b>Model</b>	T2 Plus
<b>Width</b>	4850 mm (5600 with doors open)
<b>Height</b>	2640 mm
<b>Depth</b>	2995 mm
<b>Weight</b>	Appx 3600kg

<b>Chiller dimensions</b>	<b>S&amp;A</b>
<b>Length</b>	550 mm
<b>Depth</b>	770 mm
<b>Height</b>	1030 mm
<b>Weight</b>	Appx 95kg

Please check with your Mantech Sales Engineer if you have any special cutting requirements.

**Official Trade Partners**





## FAQ's

### Why choose the Titan T2 Range?

The Titan T2 Range of Fibre Lasers offers several compelling reasons to consider it for your metal cutting and engraving needs. Here's an overview of its key advantages:

**Versatility:** The Titan T2 range is designed to cut a wide range of materials, including steel, aluminium, brass, and copper, offering flexibility in application.

**High Performance:** These machines feature advanced fibre laser technology, providing high cutting speeds and precision. This performance level enables quicker turnaround times and detailed work.

**Energy Efficiency:** Fibre lasers are known for their energy efficiency, consuming less power compared to traditional CO2 lasers, thus reducing operating costs.

**Low Maintenance:** Fibre lasers have fewer moving parts, This translates to reduced maintenance needs and lower long-term costs.

**Longevity and Durability:** The fibre laser technology is inherently robust, offering a longer lifespan and consistent performance over time. This makes the Titan T2 range a reliable choice for sustained use.

### Do you supply software with the machine?

Yes, as standard they come with Cypcut control software which for most customers is fully sufficient, however, should you need some more advanced features, we can also supply third party solutions where needed.

### Is training and delivery included?

All of our Fibre laser cutters include our standard UK mainland delivery and include full training on your new machine and how to operate the software to send jobs to be processed by the machine, alongside guidance on material testing etc.

### Do you supply materials, consumables and parts?

We understand that keeping any downtime to the bare minimum is very important for our customers, we hold a wide variety of stock items on the shelf should the need for service arise. All stock is held at our headquarters in Halesowen. As the sole UK distributor for Raycus, RECI power sources and S&A Chillers we have you covered should you need replacement parts.

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Partners



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