

High Production CO2 Lasers With Large Format Capacities



Easy Control

Control your LF CO2 Laser with ease using the supplied software, import files via USB Stick and edit on the fly.



Software Included

We supply Lightburn CAD/CAM software, easy to use and with an excellent array of valuable features not found in other software.



150W RECI Laser Tubes

As standard on all of our large format lasers, we include genuine RECI laser tubes. As we are the UK's main RECI dealer we also hold plenty of stock/spares.



Low Contact Cutting Bed

As standard, Large Format models also come with our low-contact blade bed for material processing. The slats can easily be removed for cleaning.



Zoned Extraction

Zoned Extraction modules allow for increased extraction across the bed, automatically switching zones for improved extraction.



Range of Bed Sizes

With bed sizes of 1300 x 2500, 1500 x 2500 mm and 2000 x 3000 mm our Large Format Laser Cutters are perfect for high production.



Protective Covers

With the protective covers both the operator and any personnel in the area are kept clear of any laser beam activity.



Perfect For Sign Makers or Fabricators

Due to the larger cutting capacities, our large format systems are perfect for sign makers or plastic fabricators.



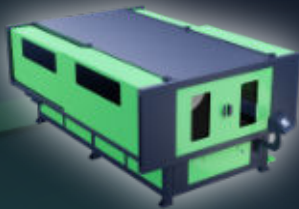
Genuine S&A Chillers

All of our laser cutters come with a suitable S&A chiller with upgrades available.



Air Assist

The LF laser cutter system comes with integrated air assist enhancing the output by removing debris from the cutting and engraving area.



Standard Extraction

Our Lasertech CO2 Laser Cutters come with vent-to-atmosphere extraction systems, however, we also supply both Purex and BOFA air filtration units (upgrade).



Safety Glasses

We supply a set of safety glasses with all of our machines. If you require more than the standard set, please let us know.



Installation & Training

Our installation team carries out installation and safety training, giving you the confidence to use the machine before they leave.



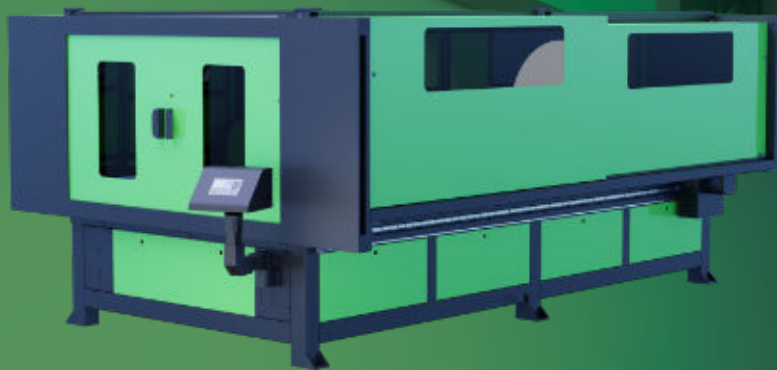
Excellent After Sales Support

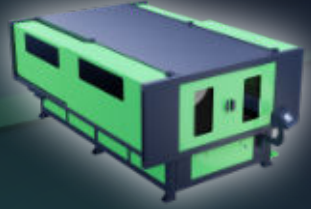
Our after-sales service is UK based and available to all of our customers if needed. Lifetime technical support via email and telephone.



UK Warranty

All Lasertech laser cutters come with our excellent 12-month parts & labour warranty (does not include consumables).





Easy to use, reliable CO2 Lasers

Main features



COMPACT SYSTEM



EASY TO USE



RELIABLE



INSTALLATION INCLUDED

Bed size options	1300 x 2500, 1500 x 2500, 2000 x 3000
Bed type	Low contact blade type
Motorised Z table (up/down)	No
Industrial water chiller	Genuine S&A Water Chillers Included
CO2 laser tube	RECI Laser Tubes – 150W
Air assist	Yes (helps to remove debris and cools material)
Safety glasses	Included
Zoned extraction modules	Yes - zoned extraction for better vapour removal
Extraction system	Yes – Standard vent to atmosphere, with upgrades to a Purex or BOFA filtration system available.
Software package	Lightburn Included
Safety features	Emergency stop, full enclosure
Delivery	UK Mainland included. (offloading and siting option available if required).
Installation	Our professional installation team will fully commission your new machine – It is the customer's responsibility to ensure they have the correct electrical and air outputs (we will advise you on what is required).



FAQ's

Why choose the Large Format model?

The large format design of the Mantech allows for processing of bigger materials and handling of larger projects, making it an ideal choice for industries such as signage, furniture manufacturing, and architecture, where larger-scale production is needed

Do you supply software with the machine?

Yes, all of our LF laser cutters come with impressive software called Lightburn. You can download a free trial from their website. Better software for your laser cutter than RDworks which is the usual standard with RUIDA-based control systems.

Is training and delivery included?

All of our 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 cut or engraved.

Do they come with extraction?

Yes, our LF Laser comes with our standard vent-to-atmosphere extraction, although this is usually ok for most customers, we also supply optional filtration systems that have a set of filters to filter out particulates from the cutting process (our educational and office-based customers usually opt for this).

Do you supply materials, consumables and parts?

You can purchase your materials from a wide range of suppliers, in fact, we also supply a selection of acrylic materials that are suitable for laser cutting over at our parts and consumables site www.mantechparts.co.uk

all cut down to the appropriate size (free of charge) for the bed size of your machine. We also stock a wide range of spares and consumables such as mirror packs, lens, laser tubes and more.