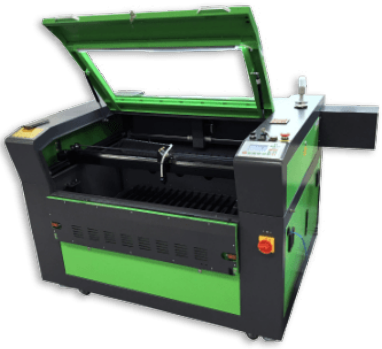
MAN TECH
Manufacturing Technology

Lasertech CO2 Lasers

Industrial, Education, Hobbyist



LIGHTBURN
BETTER SOFTWARE FOR LASER CUTTERS

LASERTECH

Cut & Engrave Series

CO2 LASER SYSTEM

Range Overview

Common Materials (Some Cut, Some Engrave)

Timber Products * Acrylic * Paper/Card * Cork * Delrin * Leather * Kapton Mylar * Fabric * Rubber (non Chlorine) Teflon * Magnetic Sheet Glass * Stone/Slate/Marble

And more...

We have a whole range of extremely capable CO2 Laser Cutting and Engraving machines. Whether you are looking for a hobbyist desktop machine or a large format industrial grade laser. With our In-house developed system that combines excellent components with some of the the very best affordability in the industry.

With our Metal/Non Metal 90130 Lasertech, you also have the capability to cut metals such as mild and stainless steel (max of 2mm and 1mm respectively).

Easy to use and with our expert installation team you will be up and running in no time!

All of our CO2 Lasers come complete with software, extraction (M-CUT requires a BOFA filtration system due to metal cutting functions) and expert installation. Our machines a highly popular with all types of industry and applications such as but not limited to:

Sign Making | Education | Engineering | Fabrication | Prototyping

Personalised Products | Crafters | Model Makers | Product Designers

Our Lasertech range is a high performance, fast and affordable system that won't break the bank, yet it comes with features and expert back-up that some of our competitors lack.

Bed Size Options

Model	Width (mm)	Length (mm)	Z Height (mm)
Lasertech Desktop	300	500	135
Lasertech 4060	400	600	180
Lasertech 6090	600	900	180
Lasertech 90130	900	1300	180
Lasertech LF1325	1300	2500	-
Lasertech LF1520	1500	2050	-
Lasertech LF1525	1500	2500	-
Lasertech LF2030	2050	3050	-

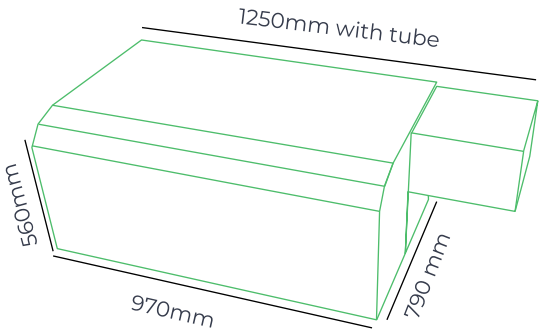
"Designed with first class performance and affordability at heart, the Lasertech range is your perfect creative partner!".

Specification

Lasertech Desktop Laser

Weights & dimensions

Weight	App 90kg
Length	970 mm (1250 mm with tube)
Height	560 mm
Depth	790 mm



Now With Motorised Z Height

Standard Features & Equipment (Desktop)

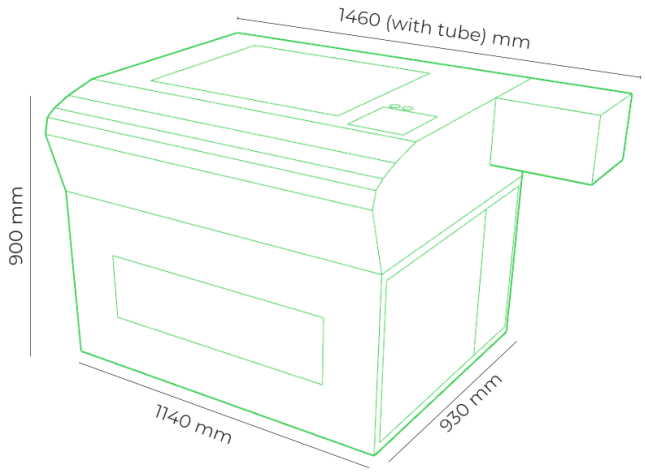
Bed Size	300 x 500 mm honeycomb bed
Laser Tube	80W water DC cooled laser tube
Air Assist & Integrated Red Dot Pointer	Removes debris, cools material, protects the focus lens | Air Regulator | Integrated red dot pointer for easy location.
Industrial Water Chiller	CW3000 included
Extraction	Fume extraction - fan and hosing included, vent to atmosphere type. Fume 'Filtration' (self contained unit is an optional extra).
Safety Accessories	Laser safety eye-wear included. Proximity & interlock cabinet protection as standard.
Interface & Software	Windows USB connection, cable or memory stick (WI-FI optional). **NEW** Lightburn CAD/CAM software included (Mac OS Compatible). Touchscreen control panel
Delivery	UK mainland included (offloading and siting of the machine is the end users responsibility; we will however advise all our customers should they need assistance with this).
Installation	Our professional installation team will set up your new machine to the highest of standards. Please note you must have the correct electrical outputs installed pre installation (customer responsibility) - We will advise you on what is required.
Training	You will receive full training on the machine and it's safe operation including best practices and general software use.
Warranty	*12 months standard parts and labour warranty (6 months on the laser tube) with extended warranty periods available.

Specification continued

Lasertech 4060 Laser

Weights & dimensions

Weight	App 185kg
Length	1460 mm (with tube)
Height	900 mm
Depth	930 mm



Standard Features & Equipment Model 4060

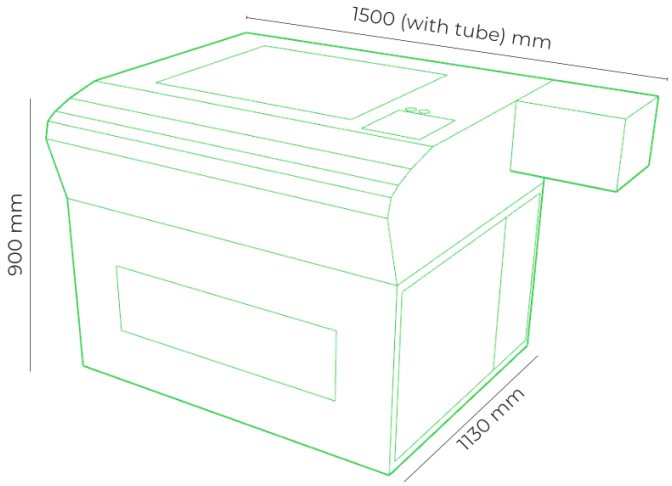
Bed Size	400 x 600 mm honeycomb & slat bed
Laser Tube	80W water DC cooled laser tube
Air Assist	Removes debris, cools material, protects the focus lens.
Industrial Water Chiller	CW3000 included (CW5000 upgrade available)
Extraction	Fume extraction - fan and hosing included, vent to atmosphere type. Fume 'Filtration' (self contained unit is an optional extra)
Safety Accessories	Laser safety eyewear included. Proximity & interlock cabinet protection as standard.
Interface & Software	Windows USB connection, cable or memory stick (WI-FI optional). **NEW** Lightburn CAD/CAM software included (Mac OS Compatible).
Delivery	UK mainland included (offloading and siting of the machine is the end users responsibility; we will however advise all our customers should they need assistance with this).
Installation	Our professional installation team will set up your new machine to the highest of standards. Please note you must have the correct electrical outputs installed pre installation (customer responsibility) - We will advise you on what is required.
Training	You will receive full training on the machine and it's safe operation including best practices and general software use.
Warranty	*12 months standard parts and labour warranty (6 months on the laser tube) with extended warranty periods available.

Specification continued

Lasertech 6090 Laser

Weights & dimensions

Weight	App 215kg
Length	1500 mm (with tube)
Height	900 mm
Depth	1130 mm



Standard Features & Equipment Model 6090

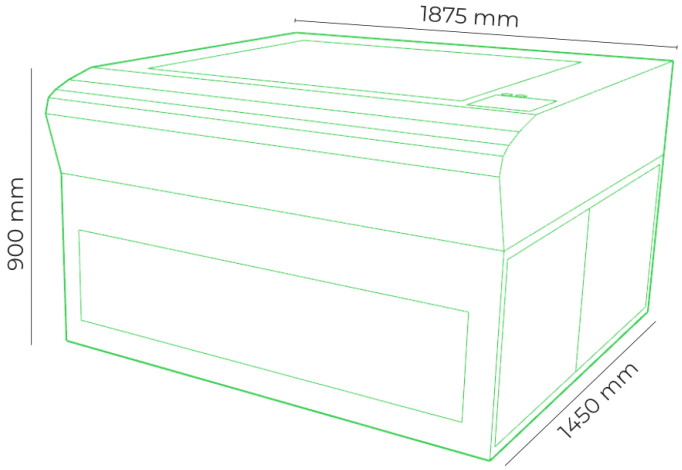
Bed Size	600 x 900 mm
Laser Tube	80W water DC cooled laser tube (
Air Assist	Removes debris, cools material, protects the focus lens.
Industrial Water Chiller	CW3000 included (CW5000 upgrade available)
Extraction	Fume extraction - fan and hosing included, vent to atmosphere type. Fume 'Filtration' self contained unit is an optional extra)
Safety Accessories	Laser safety eyewear included. Proximity & interlock cabinet protection as standard.
Interface & Software	Windows USB connection, cable or memory stick (WI-FI optional). RDWorks CAD/CAM included. **NEW** Lightburn CAD/CAM software included (Mac OS Compatible).
Delivery	UK mainland included (offloading and siting of the machine is the end users responsibility; we will however advise all our customers should they need assistance with this).
Installation	Our professional installation team will set up your new machine to the highest of standards. Please note you must have the correct electrical outputs installed pre installation (customer responsibility) - We will advise you on what is required.
Training	You will receive full training on the machine and it's safe operation including best practices and general software use.
Warranty	12 months standard parts and labour warranty (6 months on the laser tube) with extended warranty periods available.

Specification continued

Lasertech 90130 Laser

Weights & dimensions

Weight	App 265kg
Length	1875 mm (with tube)
Height	900 mm
Depth	1450 mm



Standard Features & Equipment Model 90130

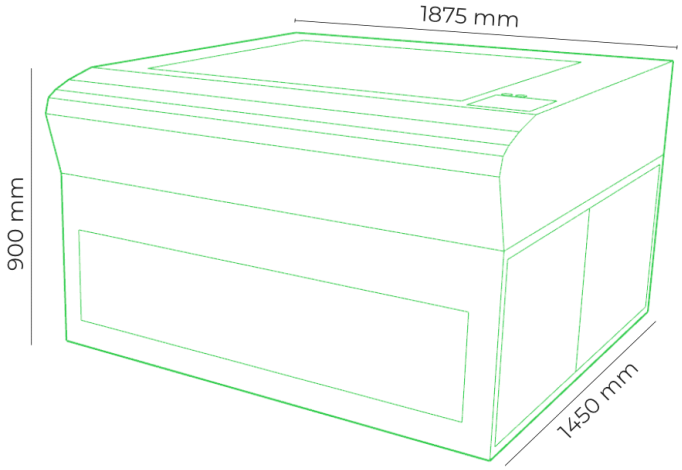
Bed Size	900 x1300 mm honeycomb & slat bed
Laser Tube	80W water DC cooled laser tube (120W upgrade available)
Air Assist	Removes debris, cools material, protects the focus lens.
Industrial Water Chiller	CW3000 included (CW5000 upgrade available)
Extraction	Fume extraction - fan and hosing included, vent to atmosphere type. Fume 'Filtration' (self contained unit is an optional extra)
Safety Accessories	Laser safety eyewear included. Proximity & interlock cabinet protection as standard.
Interface & Software	Windows USB connection, cable or memory stick (WI-FI optional). **NEW** Lightburn CAD/CAM software included (Mac OS Compatible).
Delivery	UK mainland included (offloading and siting of the machine is the end users responsibility; we will however advise all our customers should they need assistance with this).
Installation	Our professional installation team will set up your new machine to the highest of standards. Please note you must have the correct electrical outputs installed pre installation (customer responsibility) - We will advise you on what is required.
Training	You will receive full training on the machine and it's safe operation including best practices and general software use.
Warranty	*12 months standard parts and labour warranty (6 months on the laser tube) with extended warranty periods available.

Specification continued

Lasertech Metal & Non Metal 90130 Laser

Weights & dimensions

Weight	App 265kg
Length	1875 mm (with tube)
Height	900 mm
Depth	1450 mm



Standard Features & Equipment Model Metal/Non Metal 90130

Bed Size	900 x1300 mm slat bed
Laser Tube	150W water DC cooled laser tube
Capacitive Material Height Sensor	Only applicable when cutting *metals.
Air Assist	Removes debris, cools material, protects the focus lens.
Industrial Water Chiller	CW5000 series
Extraction	NOT Included - Optional Extra . A filtration system is required such as a Purex 800i or a BOFA AD100iQ with a spark arrestor fitted, or another suitable in-house solution. Please ask for details.
Safety Accessories	Laser safety eyewear included. Proximity & interlock cabinet protection as standard.
Interface & Software	Windows USB connection, cable or memory stick (WI-FI optional).
Delivery	UK mainland included (offloading and siting of the machine is the end users responsibility; we will however advise all our customers should they need asstance with this).
Installation	Our professional installation team will set up your new machine to the highest of standards. Please note you must have the correct electrical outputs installed pre installation (customer responsibility) - We will advise you on what is required.
Training	You will receive full training on the machine and it's safe operation including best practices and general software use.
Warranty	*12 months standard parts and labour warranty (6 months on the laser tube) with extended warranty periods available.

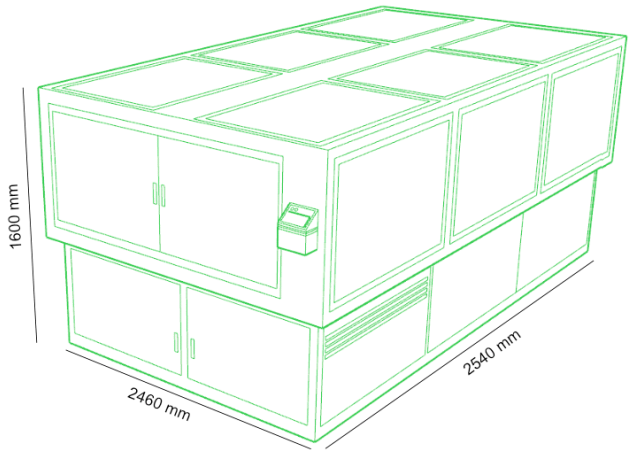
***You need a source of Oxygen to utilise the metal cutting capabilities of the LS90130 M**

Specification continued

Lasertech LF1520 Laser

Dimensions

Length	2540 mm
Width	2460 mm
Height	1600 mm



Standard Features & Equipment Model LF1520

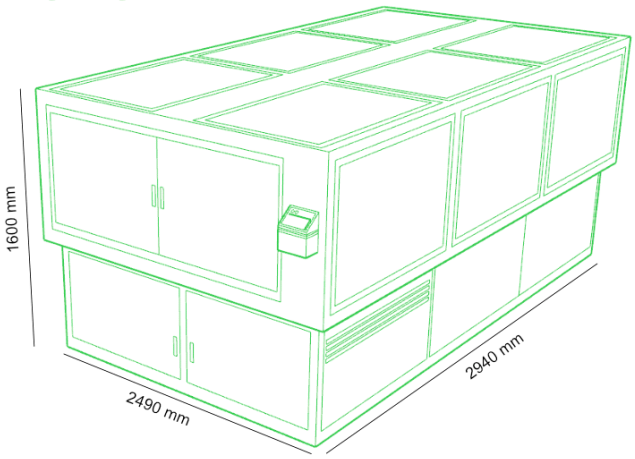
Bed Size	1500 x 2000 mm slat type bed
Laser Tube	150W water DC cooled laser tube
Air Assist	Removes debris, cools material, protects the focus lens.
Industrial Water Chiller	CW5200 chiller system included
Extraction Features	Fume extraction - fan and hosing included, vent to atmosphere type. Fume 'Filtration' (self contained unit is an optional extra). Unique zoned extraction system - as the machine traverses over the cutting table the extraction will lock off unused sectors, generating greater fume extraction over the current work area. Compressed air supply is required.
Safety Accessories	Laser safety eyewear included. Full cover protection unit.
Interface & Software	Windows USB connection, cable or memory stick (WI-FI optional). **NEW** Lightburn CAD/CAM software included (Mac OS Compatible).
Delivery	UK mainland included (offloading and siting of the machine is the end users responsibility; we will however advise all our customers should they need assistance with this).
Installation	Our professional installation team will set up your new machine to the highest of standards. Please note you must have the correct electrical outputs installed pre installation (customer responsibility) - We will advise you on what is required.
Training	You will receive full training on the machine and it's safe operation including best practices and general software use.
Warranty	*12 months standard parts and labour warranty (6 months on the laser tube) with extended warranty periods available.

Specification continued

Lasertech LF1525 Laser

Dimensions

Length	2940 mm
Width	2490 mm
Height	1600 mm



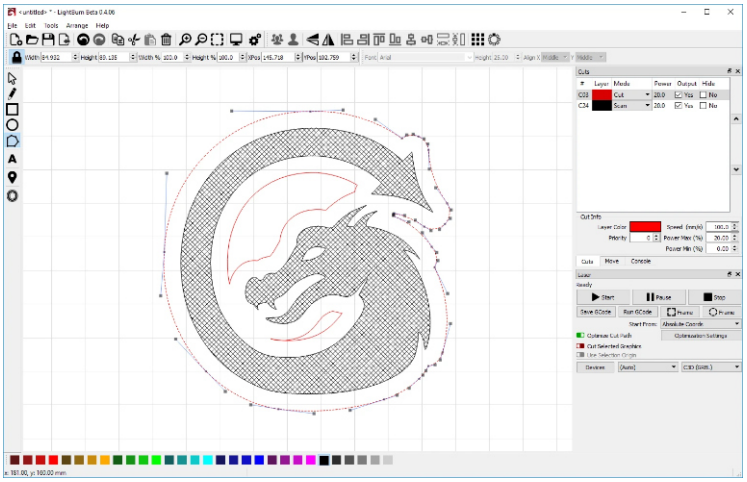
Standard Features & Equipment Model LF1525

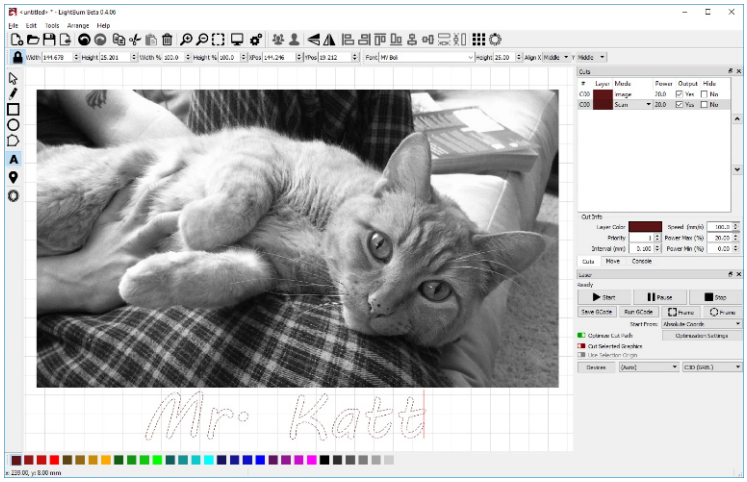
Bed Size	1500 x 2500 mm slat type bed
Laser Tube	150W water DC cooled laser tube
Air Assist	Removes debris, cools material, protects the focus lens.
Industrial Water Chiller	CW5200 chiller system included
Extraction Features	Fume extraction - fan and hosing included, vent to atmosphere type. Fume 'Filtration' (self contained unit is an optional extra). Unique zoned extraction system - as the machine traverses over the cutting table the extraction will lock off unused sectors, generating greater fume extraction over the current work area. Compressed air supply is required.
Safety Accessories	Laser safety eyewear included. Full cover protection unit.
Interface & Software	Windows USB connection, cable or memory stick (WI-FI optional). **NEW** Lightburn CAD/CAM software included (Mac OS Compatible).
Delivery	UK mainland included (offloading and siting of the machine is the end users responsibility; we will however advise all our customers should they need assistance with this).
Installation	Our professional installation team will set up your new machine to the highest of standards. Please note you must have the correct electrical outputs installed pre installation (customer responsibility) - We will advise you on what is required.
Training	You will receive full training on the machine and it's safe operation including best practices and general software use.
Warranty	*12 months standard parts and labour warranty (6 months on the laser tube) with extended warranty periods available.

Better software for your laser Lightburn Software

NOW inlcuded with your Lasertech:

LIGHTBURN
BETTER SOFTWARE FOR LASER CUTTERS





LightBurn is layout, editing, and control software for your laser cutter. With LightBurn you can:

- Import artwork in a variety of common vector graphic and image formats (including AI, PDF, SVG, DXF, PLT, PNG, JPG, GIF, BMP)

- Arrange, edit, and even create new vector shapes within the editor, with powerful features like offsetting, Boolean operations, welding, and node editing

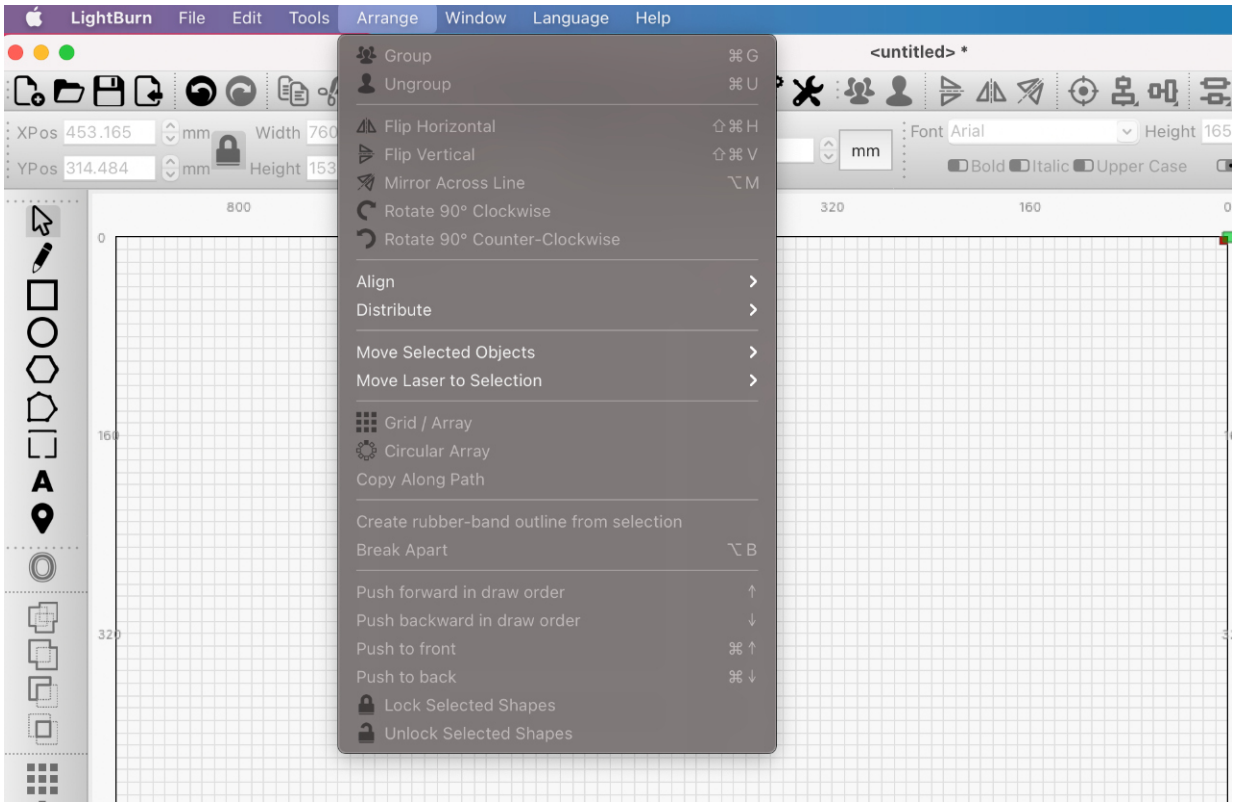
- Apply settings like power, speed, number of passes, cut order, brightness & contrast, dithering mode, and much more..

- Send the result directly to your laser cutter

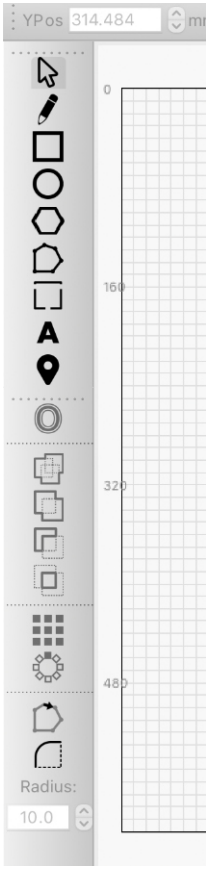
LightBurn is a native application written for Windows, Mac OS, and Linux.

Better software for your laser Lightburn Software

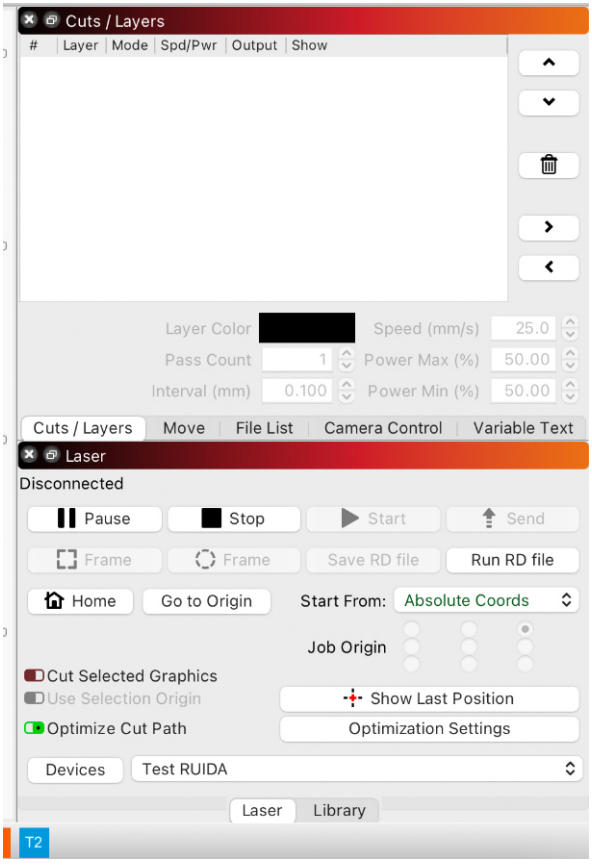
Arrange Menu



Left Tool Bar

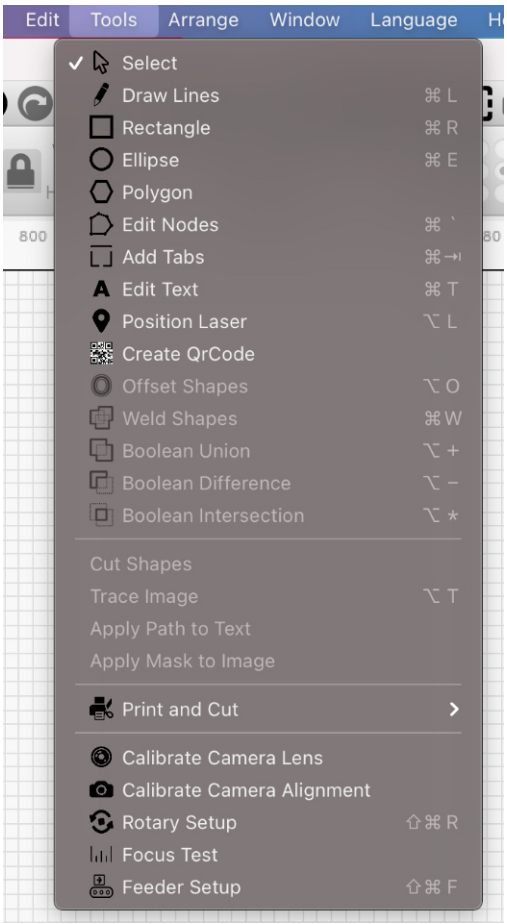


Laser Control

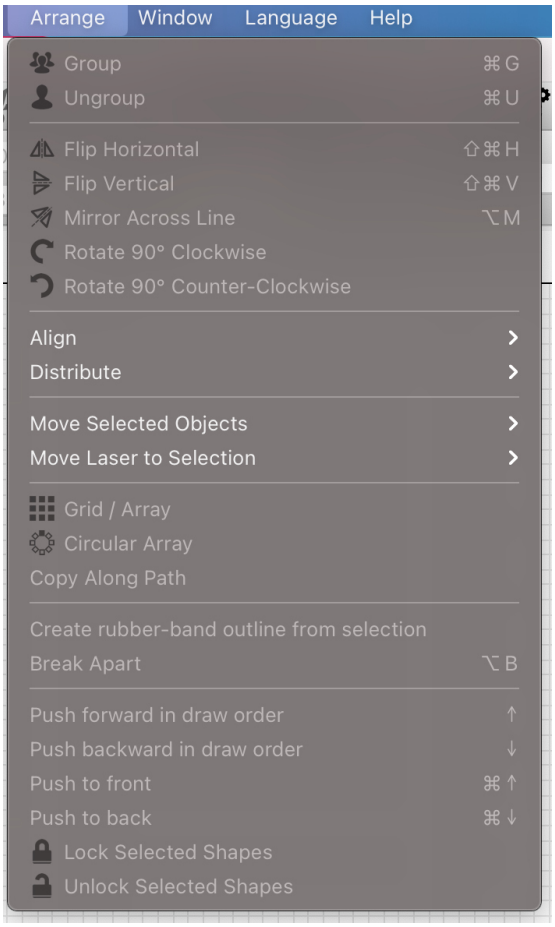


Better software for your laser Lightburn Software

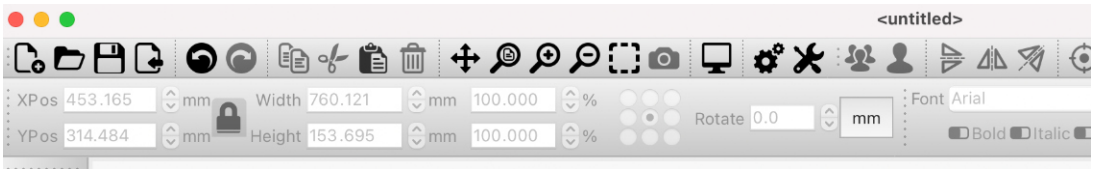
Tools Menu



Arrange Menu



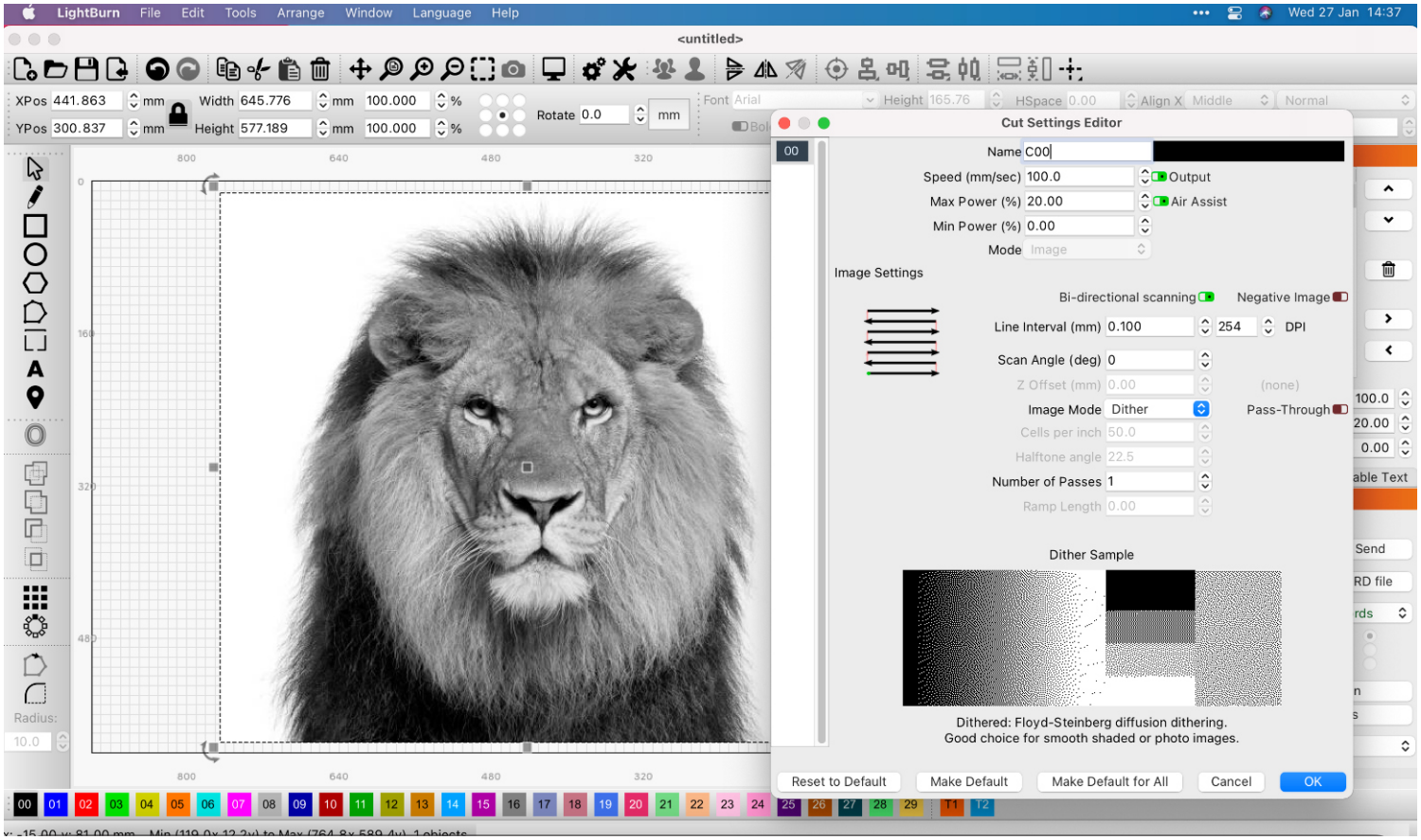
Top Tool Bar



Premium 12 months warranty included* Lasertech CO2 Lasers

Better software for your laser Lightburn Software

Photo Engrave - Fully Featured Software



Lasertech CO2 Lasers

Premium 12 months warranty included*

Lasertech CO2 Lasers

Samples

What Will You Make? Call Us Today

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