

### Product Features

- 30W Coherent RF Tube
- 508 x 305mm work area
- Built in exhaust fan and air pump
- Motorised z-axis table
- Rotary ready
- 5MP camera
- Red Dot pointer
- Dual Air Assist

### Safety Features

- Fire detector fitted
- Open cover protection
- Status lamp
- Emergency stop

### Our Support

- Parts available in NZ
- NZ-wide backup & support
- 24 month warranty on parts
- 12 month warranty on laser tube
- 30 day warranty on the lens



RF Laser Tube

Superior, fast engraving,  
incredible timing control.

## THUNDER BOLT PLUS

NZD **\$15,995.00** +gst



5MP Camera

Overhead fish-eye camera.



5" LCD Touch Screen

Quickly control your machine.  
Access files saved in the memory  
(1 GB memory CPU).



Z Axis work table

110mm of depth.



Emergency Stop



5-Phase Motor  
Low vibration running at  
1500mm/s engraving speeds.



Lightburn software  
Better software for  
laser cutters.



Rotary Capabilities  
With an added rotary you can  
engrave cylindrical items.

Thunder Laser New Zealand offers high quality machines with after sales support for parts and service.

The 30W RF Thunder Bolt Plus is your go-to professional desktop CO<sub>2</sub> laser. Our machines deliver exceptional results across many industries including, manufacturing, design, hobbyists, and education.

**THUNDER BOLT PLUS**

**NZD \$15,995.00 +gst**

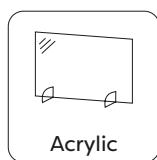


## Specifications

Laser Source	30W Coherent RF (comparable to a 70W glass tube)
Work Area:	508 x 305mm (20 x 12")
Z axis height:	110mm
Dimensions WxDxH:	Front door closed: 724 x 940 x 498mm
Net Weight:	78kgs
Operating Modes:	Optimized raster (engraving), vector (cutting)
Display Panel:	5" LCD showing current file, total working time, power, and speed settings. 1 GB memory CPU.
Maximum Speed:	1500mm/s (40 IPS)
Lens:	1.5" Focal Lens
Rotary Compatible:	Yes
Camera:	High Resolution 5MP Camera
Computer requirements:	Windows 7 or later, macOS 10.11 or later, and certain 64 bit Linux
File Formats:	Lightburn - supports AI, BMP, DXF, JPG, PDF, PNG, SVG, TIF and many other formats
Computer interface:	USB, Ethernet
Cooling:	Air cooled
Motor:	5-Phase motor - low vibration running at 1500mm/s
Acceleration:	5G
Air Assist:	Low and High air pressure, software controlled in Lightburn by layer
Electrical requirements:	230 volts, 50 Hz, single phase
Ducting requirements:	4" (100mm) - we recommended dedicated, vertical discharge, hard ducting. (ITS Ltd can recommend suppliers and contractors to assist with this)

## Materials

Thunder Laser CO<sub>2</sub> laser's can cut and engrave a variety of materials, including:



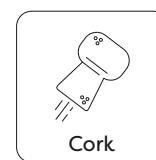
Acrylic



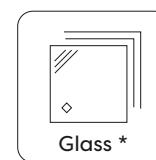
Anodized \* Aluminum



Ceramic Tile \*



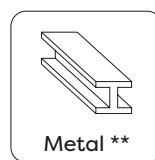
Cork



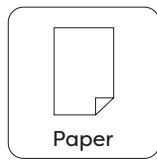
Glass \*



Leather



Metal \*\*



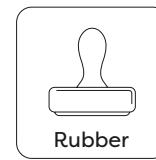
Paper



Plastic



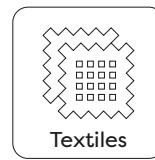
2 tone plastic



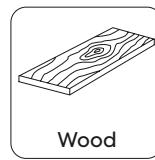
Rubber



Marble, Slate Granite\*



Textiles



Wood

\* Engrave only / \*\* Engraving using a marking solution

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