

# THUNDER

## LASER NZ

### Product Features

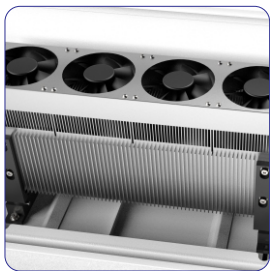
- 30w Coherent RF Tube
- 508 x 305mm work area
- Built in exhaust fan and air pump
- Motorised z-axis table
- Rotary ready
- 5MP camera
- Red Dot pointer
- Dual Air Assist

### 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



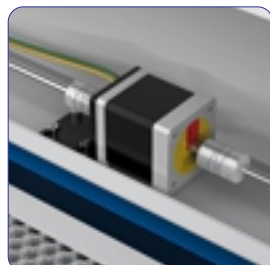
**RF Laser Tube**  
Superior, fast engraving,  
incredible timing control.



**5MP Camera**  
Overhead fish-eye camera.



**Emergency Stop**



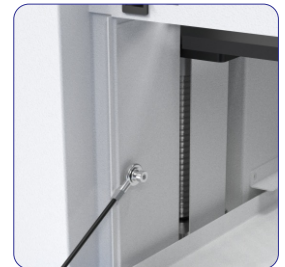
**5-Phase Motor**  
Low vibration running at  
1500mm/s engraving speeds.



**Lightburn software**  
Better software for  
laser cutters.



**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.



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

# THUNDER BOLT PLUS

## NZD \$15,995.00 +gst



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

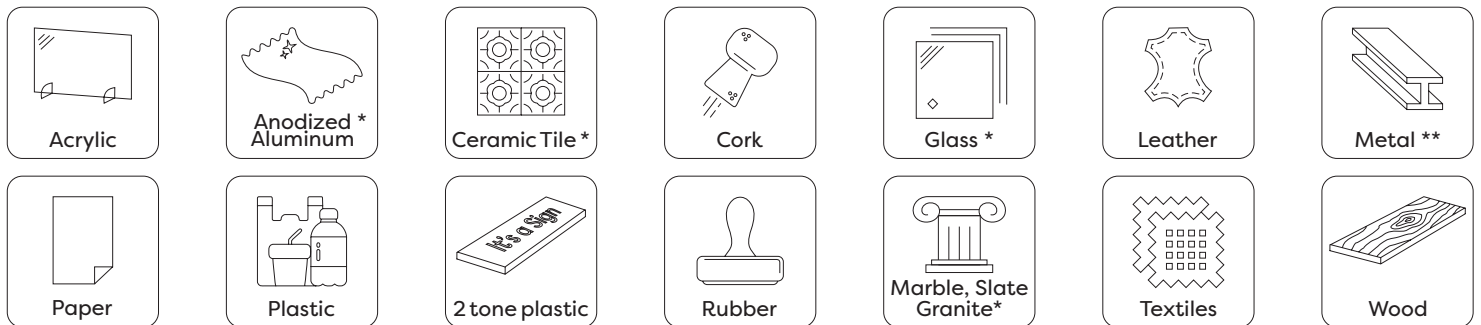
Laser Source	30W Coherent RF (comparable to a 70W glass tube)
Work Area:	508 x 305mm (20 x 12")
Z axis height:	110mm
Dimensions WxDxH:	Front door closed: 724 x 940 x 498mm
Net Weight:	78kgs
Operating Modes:	Optimized raster (engraving), vector (cutting)
Display Panel:	5" LCD showing current file, total 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. <small>(ITS Ltd can recommend suppliers and contractors to assist with this)</small>

### Optional Extras

- Rotary - 3 jaw chuck  
**\$795**  
 Dimensions: (WxDxH) - 221 x 86.4 x 127mm  
 Maximum Part Size: 108mm  
*Note: No tail end stock*
  - 1.5" Lens (for high resolution engraving)  
**\$200**
  - 2" Lens  
**\$200**
  - 2.5" Lens  
**\$200**
  - 4" Lens  
**\$200**
  - Installation, and basic training from **\$800**  
 plus any travel expenses  
*Extra training is available by appointment*
  - BlazeCut - 0.25m  
**\$330**
- Prices ex GST**  
**Pricing from 1 June 2024**

### Materials

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



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