

THUNDER

LASER NZ

Product Features

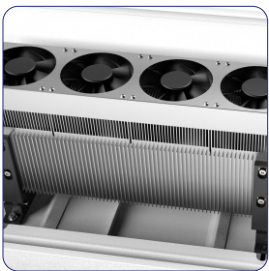
- 30w RF Tube
- 508 x 305mm work area
- Built in exhaust fan and air pump
- Motorised z-axis table
- Rotary ready
- 5MP camera
- Red Dot pointer
- Air Assist

Safety Features

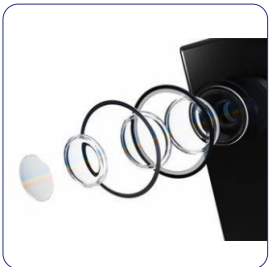
- Fire detector fitted
- Open cover protection
- Status lamp
- Emergency stop

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



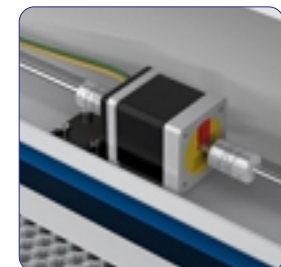
RF Laser Tube
Superior, fast engraving,
incredible timing control.



5MP Camera
Overhead fish-eye camera.



Emergency Stop



5-Phase Motor
Low vibration running at
1000mm/s engraving speeds.



Lightburn software
Better software for
laser cutters.



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

THUNDER BOLT

NZD \$9,995.00 +gst



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.

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

The 30W RF Thunder Bolt is your go-to professional desktop CO₂ laser. Our machines deliver exceptional results across many industries including, manufacturing, design, hobbyists, and education.



Specifications

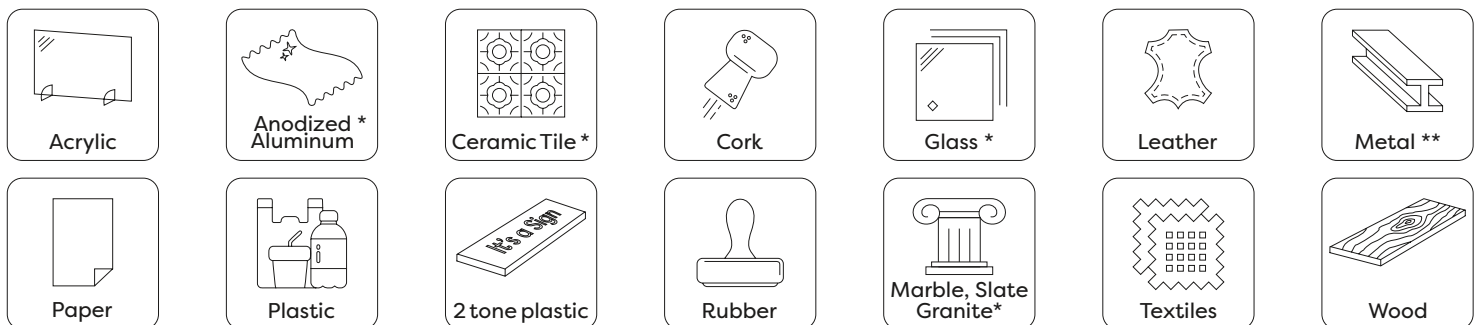
| | |
|--------------------------|--|
| Laser Source | 30W RF (comparable to a 60W glass tube) |
| Work Area: | 508 x 305mm (20 x 12") |
| Z axis height: | 110mm |
| Dimensions WxDxH: | Front door closed: 724 x 940 x 498mm |
| Net Weight: | 78kgs |
| Operating Modes: | Optimized raster (engraving), vector (cutting) |
| Display Panel: | 5" LCD showing current file, total working time, power, and speed settings. 1 GB memory CPU. |
| Maximum Speed: | 1000mm/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 1000mm/s |
| Acceleration: | 3G |
| Air Assist: | On/Off - 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 valid 31 Dec 2025 until June 2026

Materials

Thunder Laser CO₂ laser's can cut and engrave a variety of materials, including:



* Engrave only / ** Engraving using a marking solution