

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.

THUNDER BOLT

NZD **\$9,995.00** +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 1000mm/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 is your go-to professional desktop CO₂ laser. Our machines deliver exceptional results across many industries including, manufacturing, design, hobbyists, and education.

THUNDER BOLT
NZD **\$9,995.00** +gst



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. (ITS Ltd can recommend suppliers and contractors to assist with this) |

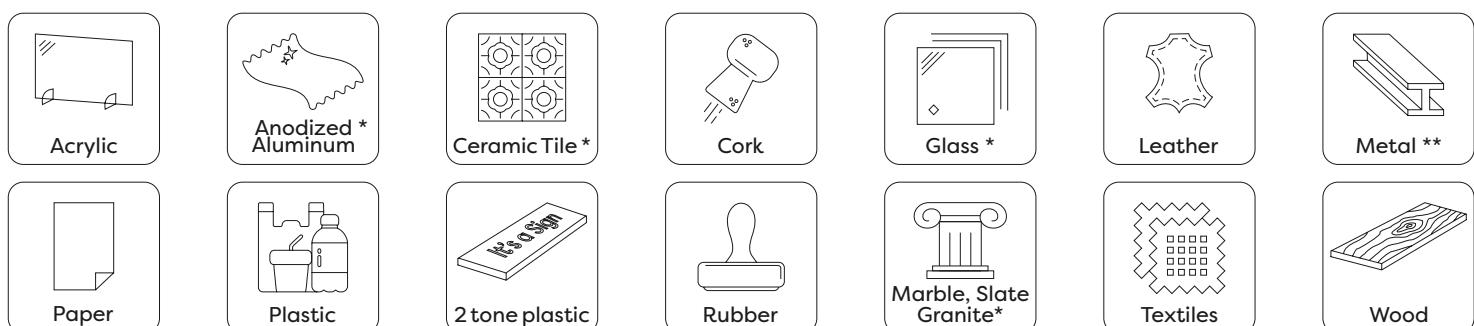
Optional Extras

| | |
|---|-------|
| 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 | |
| <i>Extra training is available by appointment</i> | |
| 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