

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

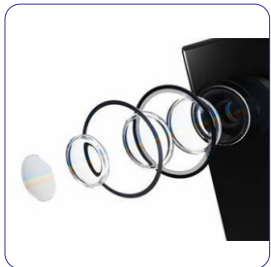
- Fire detector fitted
- Open cover protection
- Status lamp
- Emergency stop

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.



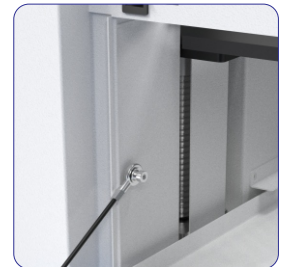
Emergency Stop

THUNDER BOLT

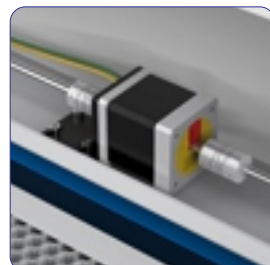
NZD \$9,995.00 +gst



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.



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.



Specifications

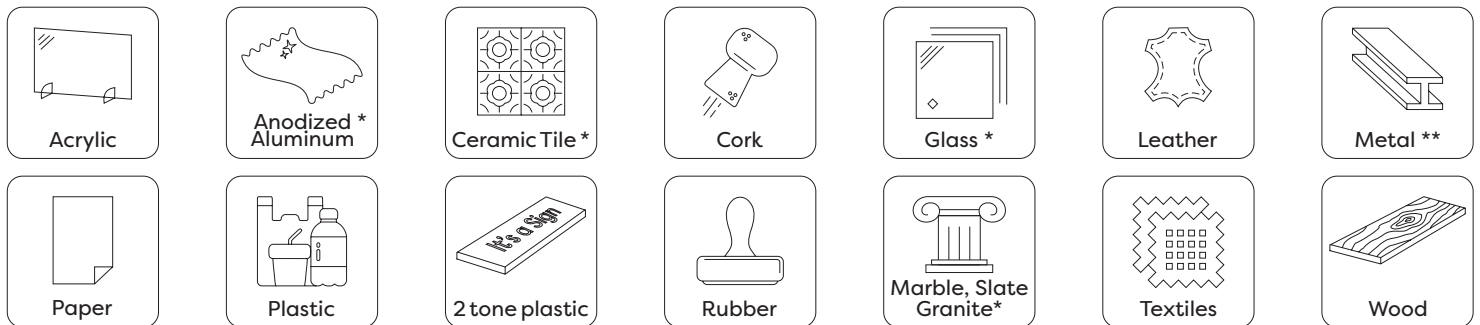
Laser Source	30W RF (comparable to a 60W glass tube)
Work Area:	508 x 305mm (20 x 12")
Z axis height:	110mm
Dimensions WxDxH:	Front door closed: 724 x 940 x 498mm
Net Weight:	78kgs
Operating Modes:	Optimized raster (engraving), vector (cutting)
Display Panel:	5" LCD showing current file, total working 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 from 1 June 2024

Materials

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



* Engrave only / ** Engraving using a marking solution