

## Product Features

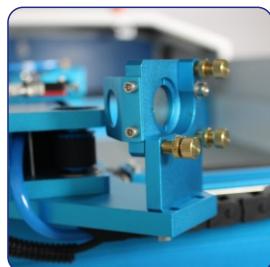
- 60W CO<sub>2</sub> glass laser tube
- 600 x 400mm work area
- High speed hybrid motors
- Motorised Z axis table
- Rotary ready
- Pass-through door design
- Red Dot pointer
- Dual Air Assist

## Safety Features

- Two Fire detectors fitted
- Open cover protection
- Status lamp
- Emergency stop

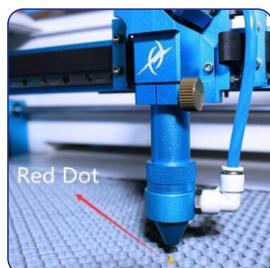
## Our Support

- 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



### Beam adjustment

Fine pitch adjustment for the mirrors to maintain perfect beam alignment



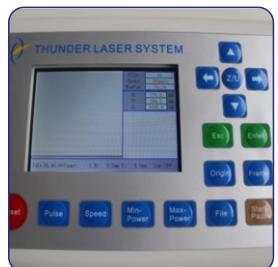
### Visible Red Dot Pointer

See exactly where your laser will cut and engrave

# NOVA 24

NZD \$11,500.00

+gst



### LCD control panel

Simple operation, files saved in the controllers memory

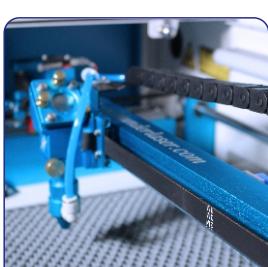


### Z Axis work table

155mm of depth.



### Emergency Stop



### High quality X & Y rails

Faster speeds and high quality results with vector cutting and raster engraving



### Lightburn software

Better software for laser cutters.



### Industrial water cooling

Keeps the laser tube temperature regulated

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

The 60W Nova 24 is a CO<sub>2</sub> laser that can cut and engrave a wide variety of projects. Our machines deliver exceptional results across many industries including, manufacturing, design, hobbyists, and education.

## NOVA 24

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### Specifications

Laser Source:	60W CO <sub>2</sub> sealed glass tube (DC excited)
Work Area:	600 x 400mm (23.6 x 15.7")
Z axis height:	155mm
Dimensions WxDxH:	Front door closed: 1450 x 810 x 660 mm
Net Weight:	140kgs
Operating Modes:	Optimized raster (engraving), vector (cutting)
Display Panel:	3" LCD showing current file, total working time, power, and speed settings
Maximum Speed:	1000mm/s (40 IPS)
Rotary Compatible:	Yes
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:	Water cooled
Motor:	High-speed closed-loop hybrid encoded motors
Dual Air Assist:	Low and High air pressure, software controlled in Lightburn by layer
Electrical requirements:	230 volts, 50 Hz, single phase
Ducting requirements:	6" (150mm) - we recommended dedicated, vertical discharge, hard ducting ITS Ltd can recommend suppliers and contractors to assist with this

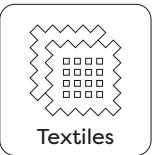
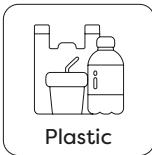
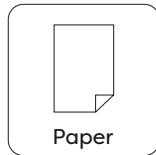
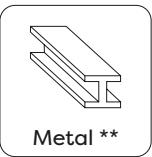
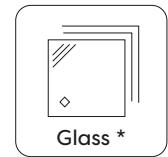
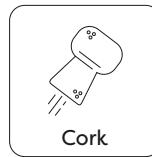
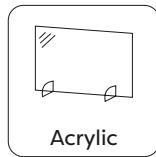
### Optional Extras

Rotary - 3 jaw chuck with tail end stock
Dimensions: (WxDxH) - 600 x 150 x 170mm
Maximum Part Size:
Length 290mm / Diameter 100mm
<b>\$795</b>
HR Head
(for high resolution engraving)
<b>\$525</b>
4" Head
(for cutting material over 10mm)
<b>\$395</b>
1.1kW Oil free air compressor with moisture trap and regulator
<b>\$795</b>
BlazeCut - 1.0m
<b>\$380</b>
Installation, and basic training from <b>\$800</b>
plus any travel expenses
<i>Extra training is available by appointment</i>

**Prices ex GST**  
**Pricing valid 31 Dec 2025**  
**until June 2026**

### 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

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