

LZRMN 900 x 600 CO2 LASER

Larger-format CO2 laser cutting and engraving machine for production, signage, acrylic, timber, MDF, leather and general workshop use.



900 x 600 mm work area • 15 mm rails • 57 stepper motors

Designed for businesses that need a larger work area than a desktop machine, with enough bed space for signage, plaques, templates, jigs, awards, display pieces and batch production.

What the 900 x 600 CO2 Laser Can Do

- Cut acrylic, MDF, plywood, timber, leather, paper, card and many other non-metal materials.
- Engrave timber, coated materials, leather, glass, anodised aluminium, acrylic and painted surfaces.
- Produce signs, display items, templates, craft products, plaques, trophies, packaging inserts, cabinet parts and workshop jigs.
- Handle larger sheets and longer jobs than compact desktop CO2 machines.
- Run repeatable production work with a more stable motion system than entry-level hobby machines.

The larger bed gives more room for real production work while still being practical for a small business or workshop environment.

Common Applications

Feature	Description
Signage and display	Acrylic signs, timber signs, shop displays, labels and tags.
Manufacturing support	Templates, cutting guides, jigs, gaskets, packaging inserts and identification parts.
Personalised products	Plaques, awards, timber gifts, leather items, engraved panels and custom orders.
Batch production	Multiple smaller items can be laid out and processed in one job, reducing handling time.

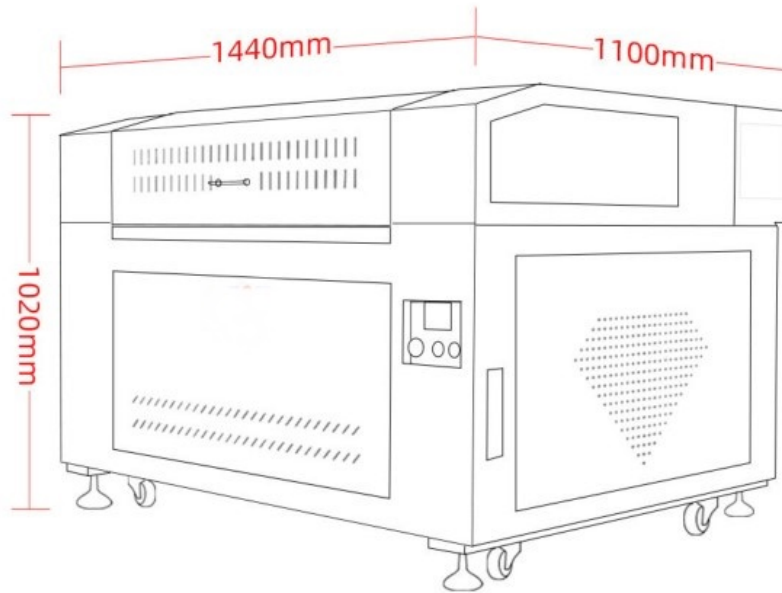
Build Details

Feature	Description
Working area	900 x 600 mm bed size for larger jobs and batch production.
Linear rail system	15 mm rails for strong, stable movement across the work area.
Drive motors	57 stepper motors for reliable movement and repeatable cutting/engraving performance.
CO2 laser platform	Suitable for cutting and engraving a wide range of non-metal materials.
Production focus	Built for small business use, workshop use and regular production work rather than occasional hobby use.

Machine Reference Images



Machine Dimensions



Why the Larger Machine Matters

- More usable bed area means fewer restrictions when customers bring in awkward-sized material.
- Larger sheets can be positioned more easily, with room for clamps, guides or jigs.
- Batch production is more efficient because more parts can be processed in one layout.
- The 900 x 600 format is a strong mid-size option for businesses moving beyond desktop lasers.

Materials and Capability

Feature	Description
Acrylic	Clean engraving and cutting for signs, awards, display items, templates and panels.
MDF and plywood	Useful for craft products, signage, models, jigs, templates and decorative items.
Natural timber	Engraving, marking, cutting thinner timber and producing personalised timber products.
Leather	Engraving, cutting, branding, labels, patches and custom leather goods.
Paper and card	Packaging samples, stencils, invitations, templates and presentation pieces.
Glass and coated surfaces	Surface engraving and marking for decorative and personalised items.

CO2 lasers are best suited to non-metal cutting and engraving. For bare metal marking, a fibre laser is the better option.

Business Advantages

- A practical production-size machine for customers who need more working area than a desktop unit.
- Suitable for signage businesses, trophy shops, cabinet makers, schools, makers, print shops and custom product businesses.
- Good machine size for turning design files into finished products, prototypes and production batches.
- The 900 x 600 format provides a strong balance between floor space, capability and everyday usability.

LZRMN Australia

Laser machines, training, support and practical advice for Australian businesses using CO2 and fibre laser equipment.

Contact	lzrmn@lzrmn.com.au
Product	900 x 600 CO2 Laser