

LZRMN 6040 CO2 LASER

Compact 600 x 400 mm 80W CO2 laser cutting and engraving machine for workshop production, signage, acrylic, timber, MDF, leather and custom work.



600 x 400 mm work area - 80W CO2 laser power - 12 mm rails - 42 stepper motor

The LZRMN Australia 6040 CO2 Laser is a practical compact workshop machine designed for cutting and engraving. With a 600 x 400 mm working area, 80W power and stable motion components, it is well suited to signage, fabrication, model making, acrylic work and custom production.

What the 6040 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, jigs, awards, plaques, packaging inserts and custom product work.
- Give more working area than small desktop machines while remaining compact enough for many workshops.
- Run repeatable workshop jobs with a stable rail and stepper motor system.

The 6040 format is a practical compact workshop size with more capability than a small desktop laser.

Common Applications

Feature	Description
Signage and display	Acrylic signs, timber signs, shop displays, labels and tags.
Manufacturing support	Templates, jigs, packaging inserts, stencils and identification parts.
Personalised products	Plaques, awards, timber gifts, leather items, engraved panels and custom orders.
Small production runs	Batch production of smaller items with a useful 600 x 400 mm bed area.

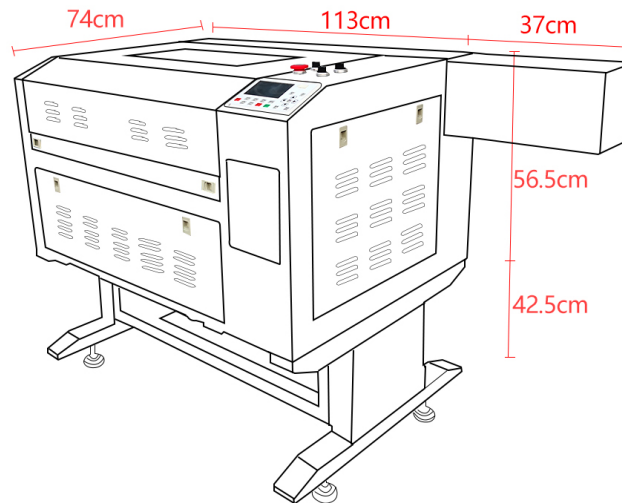
Build Details

Feature	Description
Working area	600 x 400 mm bed size for compact workshop production.
Laser power	80W CO2 laser power for practical cutting and engraving work.
Linear rail system	12 mm rails for stable movement across the work area.
Drive motor	42 stepper motor for reliable movement and repeatable cutting/engraving performance.
CO2 laser platform	Suitable for cutting and engraving a wide range of non-metal materials.
Workshop focus	Cabinet-style machine design suited to small business use and regular production work.

Machine Reference Image



Machine Dimensions



Approximate Dimensions

Feature	Description
Main machine length	1130 mm
Machine depth	740 mm
Rear extension	370 mm
Main cabinet height	565 mm
Stand height	425 mm
Overall height	990 mm

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.

LZRMN Australia

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

Contact	lzrmn@lzrmn.com.au
Product	6040 CO2 Laser