PRODUCTION SERIES

1000 x 800
CO2 LASER

Large-format cutting and engraving for commercial workshops.



1000 x 800	15 mm	57
WORK AREA / MM	LINEAR RAILS	STEPPER MOTORS

A spacious production platform for signage, timber products, acrylic fabrication, personalised gifts, jigs and repeatable batch processing.

01 / APPLICATIONS

Built for real production

A flexible platform for cutting, engraving and repeatable jobs.

Signage & display	Acrylic and timber signs, shop displays, labels, plaques and awards.
Personalised products	Engraved timber gifts, leather items, coated products and custom panels.
Workshop support	Templates, cutting guides, packaging inserts, jigs and identification parts.
Batch production	Arrange multiple components in one job to reduce handling time.

MATERIAL COMPATIBILITY

Cut acrylic, MDF, plywood, timber, leather, paper and card. Engrave timber, coated surfaces, glass, anodised aluminium and selected painted materials.

CO2 lasers are primarily suited to non-metal materials. For direct bare-metal marking, a fibre laser is generally the better choice.

02 / ENGINEERING

Machine specifications

Larger working envelope. Familiar production-focused construction.

Working area	1000 x 800 mm cutting and engraving bed.
Linear rail system	15 mm rails for stable, repeatable movement.
Z-axis table	Motorised Z-axis table for convenient powered bed height adjustment.
Bed configuration	Honeycomb bed and blade bed included.
Drive motors	57 stepper motors for controlled positioning and consistent work.
Laser platform	CO2 laser system for cutting and engraving non-metal materials.
Intended use	Small business, workshop and regular production environments.

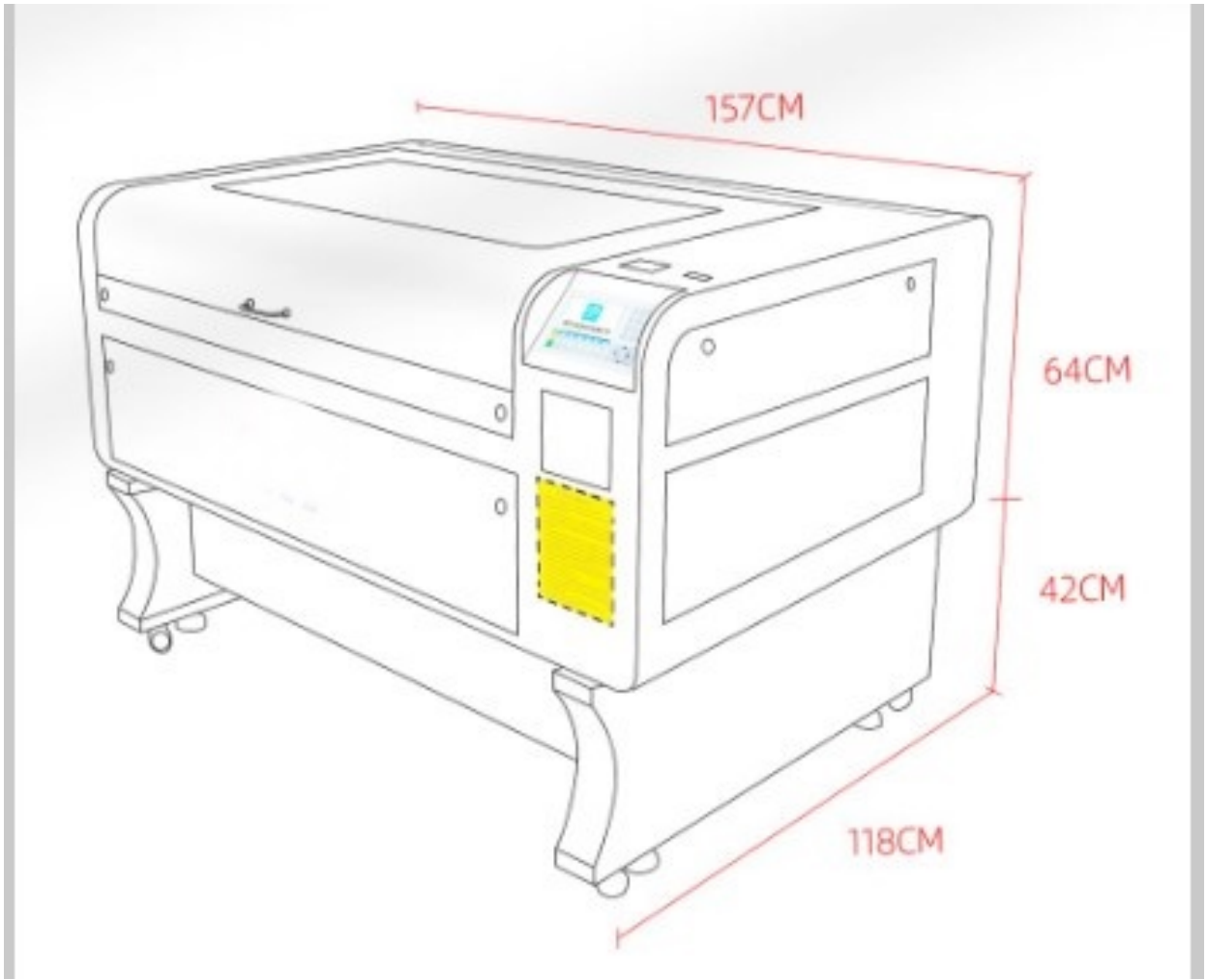
MACHINE PHOTOGRAPHS



03 / FOOTPRINT

Machine dimensions

External dimensions from the supplied manufacturer drawing.



1570 mm	1180 mm	1060 mm
LENGTH	DEPTH	HEIGHT

04 / MATERIALS

Materials & capability

Typical applications for a CO2 laser platform.

Acrylic	Cutting and engraving signs, display pieces, templates and panels.
MDF & plywood	Craft items, signage, models, jigs and decorative components.
Natural timber	Engraving, marking and cutting appropriate timber thicknesses.
Leather	Custom goods, patches, labels, engraving and cutting.
Paper & card	Stencils, invitations, packaging samples and prototypes.
Glass & coatings	Surface engraving and marking of suitable finishes.

PRODUCTION NOTE

Material results depend on thickness, power, settings and extraction.

05 / BUSINESS VALUE

More room to produce

A larger working area creates more possibilities per job.

01

Greater flexibility

Accommodate larger and awkwardly shaped customer materials.

02

Efficient batch layouts

Position more smaller parts on the bed in a single production run.

03

Commercial applications

Suitable for signage, trophies, custom products and fabrication.

04

Workshop-ready scale

A practical choice for businesses moving beyond desktop lasers.

LZRMN AUSTRALIA

Laser machines, training, support and practical advice.

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