



PRECISION FIT FOR YOUR BUSINESS

PRECISION CUT FOR A PRECISION FIT

TUBE LASER

FLEXIBILITY IN DESIGN

RCR Laser clients benefit from the versatility of its dedicated tube laser which allows extensive flexibility in design, allowing engineers and designers a greater freedom to create innovative components and manufacturing techniques. The tube laser can reduce production times and processing costs of tubular products compared to traditional technologies.

Manufacturing and engineering businesses are faced with increasing cost pressures from local and international competition. The laser tube cutting system streamlines operations, and consolidates various fabrication steps into one continuous process. This offers distinct advantages in reducing labour costs and increasing quality and productivity.

Structural joints or tube-to-tube connections can be created with precise angles and arcs that mate together without the need for extra processing. Reductions in wall thickness and weight can be achieved by interlocking joints providing greater strength.

TUBE LASER CAPABILITY

Round Tube up to 140mm diameter

RHS/SHS up to 125mm x 125mm

Maximum Length up to 6300mm

Maximum Weight up to 15kg per metre

FABRICATION

PROVIDING SOLUTIONS

RCR Laser is able to supply its clients with a complete range of cutting, bending and welding solutions via its in-house management capability of fabrication services.

RCR Laser have commissioned state-of-the-art pressbrakes to ensure we are well placed to support local manufacturing with formed parts from the latest manufacturing tools.

This advanced technology offers fast and accurate 'art to part' processing using software that automatically programs the part and determines the precise blank size. This technology also utilises a laser angle measuring system which measures and corrects each angle as it is being formed.



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RCR LASER CUTTING CAPABILITIES

Mild Steel (All Grades)	Up to 25mm
Stainless Steel (All Grades)	Up to 20mm
Aluminium (All Grades)	Up to 16mm
Floor/Tread Plate (All Grades)	Up to 16mm
Q & T Steels including Bisalloy and Hardox	Up to 20mm
Galvanised and Zinc Coated Steels	Up to 3mm
Brass	Up to 8mm
Copper	Up to 8mm
Timber and Plastics (MSDS required)	Up to 32mm
Plate Size	Up to 6000 x 2000mm

FABRICATION MANAGEMENT

Folding | Welding | Machining | Assembly | Powder Coating | Galvanising | Polishing | Zinc and Tin Plating
Plasma Cutting

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BUSINESS PROFILE





From Concept To Product

BUSINESS OVERVIEW

RCR Laser is a wholly owned subsidiary of RCR Tomlinson Ltd, an ASX listed multi-disciplined integrated engineering company with operations throughout Australia, Asia and New Zealand.

As one of Australia's largest quality certified laser cutting specialists, RCR's laser technology incorporates high precision cutting solutions for a diverse range of materials, including different grades of mild steel, stainless steel and aluminium.

With over 25 years of industry experience, RCR Laser has grown to become one of Australia's largest laser suppliers to the manufacturing, fabrication and engineering sectors, with operations in all Australian mainland states.

As part of a well-capitalised ASX listed parent company, RCR Laser has access to RCR Tomlinson's cumulative experience and resources in addition to a wealth of technical expertise.



SUSTAINABILITY



QUALITY

RCR Laser's commitment to quality has been recognised by AS/NZS ISO 9001-2008 certification. This achievement demonstrates RCR Laser's systematic approach to improvement of internal processes, which leads to improvements in the quality of the outputs and delivery of the most efficient and effective service.

SAFETY

RCR Laser considers maintaining the highest standards of Occupational Health and Safety a primary organisational objective, with the goal of zero harm. RCR Laser has achieved OH&S Management System certification to Australian Standard AS/NZS ISO 4801-2001.

RCR places a strong emphasis on the provision of a safe working environment, utilising leading and lagging indicators including site and project hazard studies, Job Safety Analysis (JSA) submissions, Unsafe Acts Prevention (UAP), safety observations and Stop and Think risk assessments.

ENVIRONMENTAL POLICY

RCR Laser's Environmental Management Policy is aimed at maintaining our high level of environmental care throughout all areas of manufacturing and site construction, to comply with the requirements of Australian Standard AS/NZS ISO 14001-2004.

ADVANCED TECHNOLOGY

LASER SOLUTIONS

With the latest computerised systems, RCR Laser is able to accept drawing information from clients as CAD files, fully dimensioned drawings, or even by reverse engineering samples.

RCR Laser's internal systems are designed to allow clients to easily change part geometry with no tooling change. By retaining your cutting data, RCR Laser can recall the latest revision of any job and repeat it with 100% accuracy.

With increasing capability delivered from the world's most sophisticated computerised technology, laser cutting is more viable today than ever before as a replacement for other conventional processing methods.

RCR Laser clients benefit from having access to the most up-to-date laser cutting equipment in Australia which ensures a faster turnaround of jobs with greater accuracy.



FIBRE TECHNOLOGY

RCR Laser has commissioned state-of-the-art Fibre Lasers to further support our clients requirements.

Fibre Laser Cutting Technology provides high speed cutting of thin sheet metals along with the ability to cut a wide range of ferrous and non-ferrous materials.

This Fibre Laser Technology ensures that RCR Laser continues to provide innovative manufacturing solutions that drive value into their clients business.

The ongoing capital investment program allows RCR Laser to continually extend the range of materials processed, whilst setting new standards in precision, efficiency and throughput.

POWERED TO PERFORM

LARGE FORMAT

RCR Laser has commissioned a high powered 6KW laser cutting machine with a large 6m x 2m bed size to provide innovative manufacturing solutions for their clients business.

'Adaptive Laser Cutting' technology compliments the size and power of the machine and will enhance cut quality. This technology uses a series of infrared cameras to measure and adapt cutting parameters in real time, ensuring that product is delivered with superior finish.

This new technology will increase productivity and ensure that delivery times continue to meet customer expectations.

That's why RCR Laser is committed to obtaining and utilising the latest developments in laser technology.

