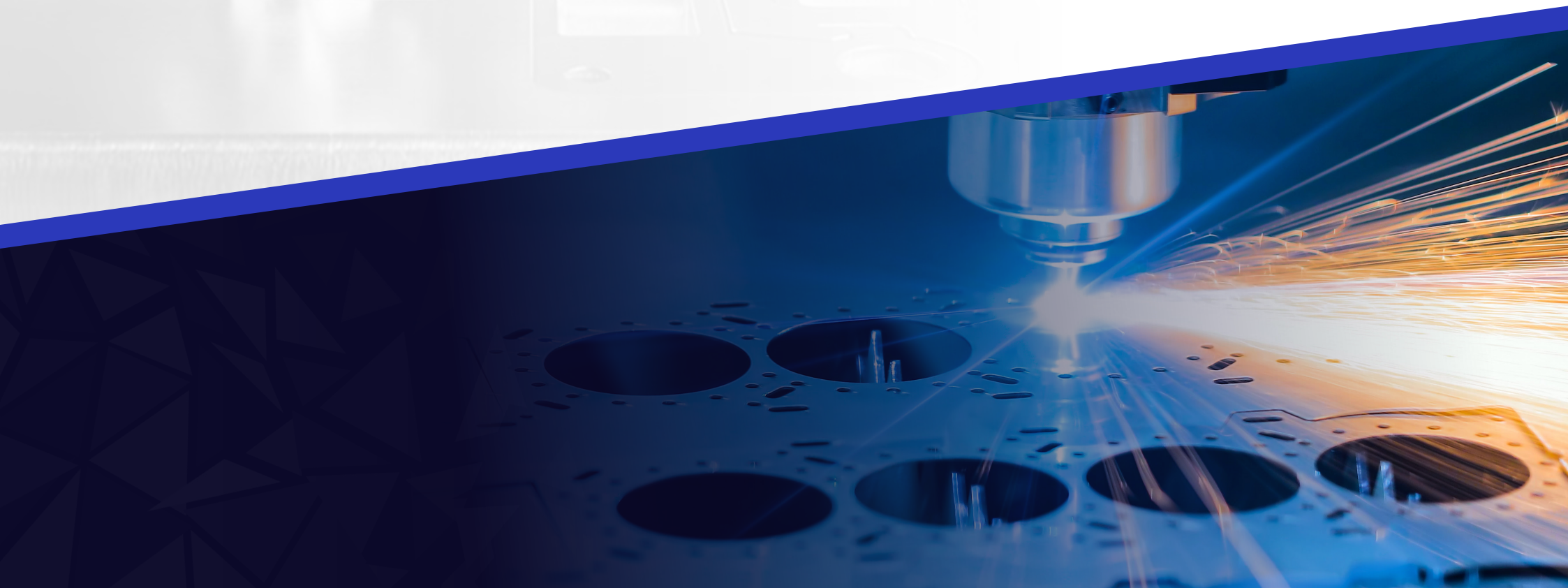




acute Laser

CAPABILITY STATEMENT | 2022



COMPANY OVERVIEW

Acute Laser Pty Ltd is a metal processing company that uses state-of-the-art technologies to cut, fold and deburr metal components.

Starting in 1999 as an all Australian-owned family business, Acute Laser primarily serves customers in southeast Queensland and northern New South Wales.

Our clients trust us to apply our decades of experience to the process of laser cutting metal sheets to their exact specifications; our metal folding capabilities are second to none; and our edge rounding continues to meet the industry standard.

For over two decades, Acute Laser has been providing state-of-the-art metal processing services in and around southeast Queensland and beyond.

Trust our team of professional operators to make your desired outcomes a reality.

CONTACT US

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ABN 78 133 584 252



OUR PURPOSE

Many small manufacturing operations do not have the resources for quality metal processing, Acute Laser hopes to serve the needs of these clients with our state-of-the-art technologies.

At Acute Laser, our promise is to help our clients with laser cutting, metal folding and project refinement from the design phase through to the final production.

Our team has decades of experience and expert know how, which we use to aid in design testing and verification methodologies to streamline your product development.

Put our experience to work for you.

*Trust Acute Laser
to reduce your R&D
cycles in creative
ways designed to
improve your lead
times and improve
your bottom line.*



OUR SERVICES

The secret to Acute Laser's success is our technology.

We use cutting edge equipment produced by companies who historically build high-end products specific to metalwork.

As a result, our metal processing machinery is state-of-the-art, and produces precisely articulated finishes specific to your design specifications. Of course, our personnel have a long history working with these tools and have perfected the craft of artfully producing the results clients are seeking.

We take pride in our work and we take pride in the quality of care we give to each client and each project.

The only limit to our metal processing capabilities is your imagination. Let us put a shine on your best work.



LASER CUTTING

We operate three state-of-the-art Trumpf laser cutting machines, which can accommodate a range of mild steels, aluminum, stainless steels, brass and copper materials.



METAL FOLDING

Let our expert team fold your metal components to your exact specifications. Put the skills of our top operators to the test forming your metalworks precisely. Projects big or small, we have the tools to get the work done right.



EDGE ROUNDING

We know and acknowledge that the Australian Government has strict standards for laser cut parts and our deburring and edge rounding machinery is up to the task. Let us smooth your metalwork making it safe for your assembly line.

- Agriculture
- Automotive
- Aviation
- Construction
- Defence
- Food
- HVAC
- Marine
- Medical
- Mining
- Pharmaceutical
- Transport

INDUSTRIES WE SERVE

We find that many small and medium-sized business operators across Queensland don't have the resources or the need for full-time metal processing equipment, so they trust us to provide that work for them.

Because high-end sophisticated metal component production is all we do, we stay apprised of all the new techniques and employ the latest technologies. We also serve a myriad of industries.

Trust Acute Laser to cut, press and finish your important metal work to your exact specifications.



ACCREDITATION AND EXPERTISE

Our accreditations are related to workplace safety and relationships working within the defence contractor community. We are also certified as an Australian-owned business.

- ISO 9001: Quality Management
- AS 2312.2: Metal Finishing
- Australian Owned Certificate
- Australian Industry Defence Network
- Industry Capability Network



Our technicians, while working with 3D software, have perfected their design harmonisation methods to ensure that what you see on the screen is exactly what we deliver in hand.

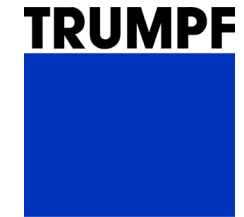
OUR TECHNOLOGY

Our technology can handle the high volume, heavy duty work and our technicians also have a practiced hand when it comes to the light weight, precise jobs.

Acute Laser operates three high-end laser machines. All are Trumpf laser technology with varying specialties. Our Trumpf L3050 CO2 laser is designed to use high energy to cut through thick steel plates. And we have a pair of Trumpf L5030 Fibre laser cutters which are precise and elegant enough to manage delicate cuts and marking on lighter metals, including stainless steel, brass and aluminum.

Our state-of-the-art LVD presses analyse each metal sheet and considers the thickness and direction of the metal grain before adapting its instrumentation to the most precise bending requirements. This tailored bending system uses laser technology to self-correct as the metal is being bent. The technology is so precise, we measure tolerances down to the millimetre.

At Acute Laser, we are proud to offer deburring and edge rounding services and we employ a LISSMAC SBM-XL 1000 to do the job correctly. We offer this service for safety reasons and to help you comply with the Australian Government regulations related to metal finishing.



We are proud of our high-end metal processing equipment because of the quality of its performance.



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