Capability Statement

GCI Group

Cutting Edge Metal Solutions

2025

who we are

A leading Australian provider of precision laser cutting, fabrication, and metal solutions, established in 2003. We utilise cutting-edge machines to deliver the best quality to our clients.

- 21 Years Experience
- 130 Talented Staff
- +160,000 Projects
- 10,000 m^2
- 3 Flatbed Laser
- 1 Tube Laser
- 6 Press Brakes
- 1 Robotic Press
- 15 Welding BAYS
- 2 Robot Welders
- 4 Fastener Installation Machine
- 1 Laser Punch Combo

Our Story

Australian owned and operated from beginnings to now

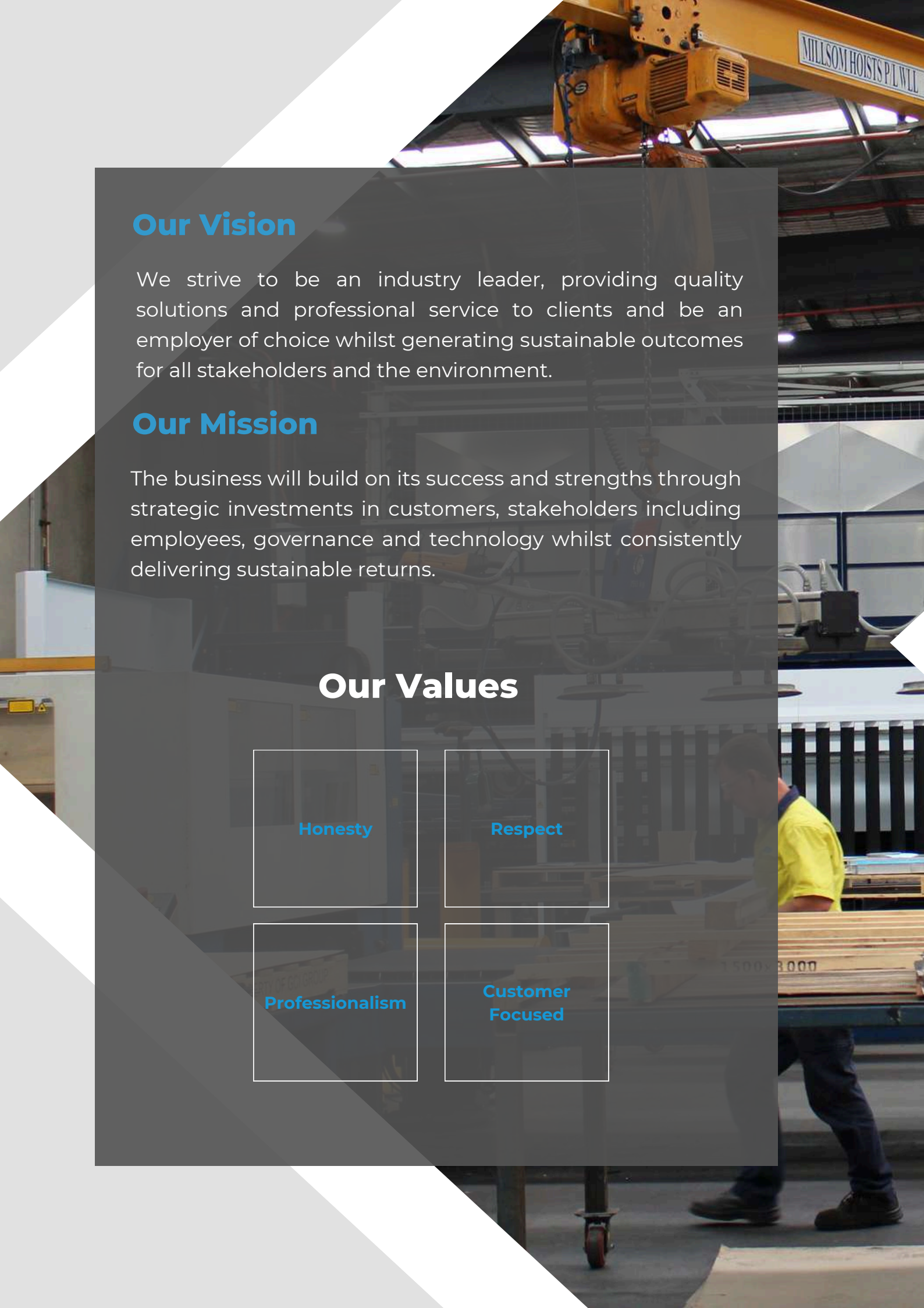
It all began in August 2003!
That's when Rodney Dart commissioned our first CNC laser cutting machine in a small factory in South East of Queensland. Fast forward to today, and we're now GCI Group, operating out of a 10,000 m^2 factory in Yatala, led by Rodney's son, Douglas Dart.

Laser machine on the hi-tech cutting edge

- **2003|** First CNC Laser
- **2004|** First Trumpf Laser
- **2007|** Upgrade to a new facility in Ormeau
- **2007|** Second Trumpf Machine: 3030 Rotary Laser
- **2008|** First Trumpf CNC Press Brake
- **2008|** Adding Trumpf 3030 laser
- **2008|** Adding Fabrication & General Machining
- **2009|** First CNC Band-saw
- **2010|** New Trumpf 5030 Laser
- **2010|** Second Trumpf press brake
- **2012|** Adding in house powder coating
- **2013|** Third Trumpf Press Brake
- **2014|** Move into Yatala facility
- **2015|** Robotic Welding Cell
- **2015|** Fourth Trumpf Press Brake
- **2016|** Trumpf TruTube 7000 Laser
- **2016|** Factory Expansion
- **2017|** Fifth Trumpf Press Brake
- **2017|** Trumpf Fibre Laser
- **2017|** Trumpf MES
- **2018|** STOPA Sheet Metal Automation
- **2019|** Automated Material Tracking
- **2020|** Lissmac Debur/ Edge Rounding
- **2021|** Trumpf Boost/ 3D Machine Programming
- **2021|** Sixth Trumpf Press Brake
- **2022|** Second Lissmac Debur/ Edge Rounding
- **2024|** TRUMPF TruBend Cell 5000
- **2024|** Trumpf Laser/Punch Combo TruMatic 6000

Douglas Dart, Managing Director

We're dedicated to delivering solutions that bring real value to your business. By investing in our technology, team, and processes, we strive to improve your experience every single day.



Our Vision

We strive to be an industry leader, providing quality solutions and professional service to clients and be an employer of choice whilst generating sustainable outcomes for all stakeholders and the environment.

Our Mission

The business will build on its success and strengths through strategic investments in customers, stakeholders including employees, governance and technology whilst consistently delivering sustainable returns.

Our Values

- Honesty
- Respect
- Professionalism
- Customer Focused

What we do

Laser Cutting

Punching

CNC Folding

Finishing

Welding & Fabrication

Drafting

Assembly

Edge Rounding

ACCREDITATION

We are committed to Environment, Quality and Safety. We also meet complex welding standard performance like AS/NZS1554, and we welcome third-party audits from our large clients.

Flatbed Laser Cutting

Max Sheet Size

We can handle sheets with a maximum size of 1500 x 3000mm

Machine
1 x Trumpf 3kw fibre Laser/Punch combination
1 x Trumpf 8kw Fibre Laser machine (modern high end laser)
1 x Trumpf 5030 machine (5kw CO2 laser)
1 x Trumpf 3030 machines (4kw CO2 laser)

Max Thickness

Material	Thickness
Aluminium	0.4 to 25mm thick
Stainless Steel	0.55 to 25mm thick
Mild Steel	0.6 to 25mm thick
Copper	Up to 10mm thick
Brass	Up to 10mm thick

- Copper & Brass can be processed up to 10mm thickness but with the preference of these materials to be supplied to GCI.
- The primary workload is efficiently managed by the newer 5030 and Fibre Laser machines, which benefit from automated loading and unloading facilitated by the STOPA system.

Tube Laser

Trumpf TruLaser Tube 7000

Rotary 6-axis Laser (SHS, RHS, CHS, PFC, EA, UA, FL & custom extrusions)

Material	Thickness
Mild Steel	up to 10mm
Stainless Steel	up to 6mm
Aluminium	up to 6mm

- RHS max 200x150 mm and min 15x15 mm.
- SHS max 175mm and min 15 mm.
- The max pipe diameter is 254mm and min 15mm.
- The max Angle dimension is 150 x 100.
- The max PFC dimension is 150 x 75.
- The max machine loading length is 9200 mm with a max finished part length of 6000 mm.
- Max weight of the workpiece is 37.5 kg/lm. (225kg total)
- Bevel/ weld prep of up to 45 degrees is available on enclosed profiles only.

Punching
Forming
Engraving

We are capable of punching various size round, square, hex and oblong slot punch profiles.

M3-M6 Countersinking

TAP M5 & M6

Cup Forms 25 & 48 mm

Roller Beading

Single Hit Louver

Film Slitting

Center Punch

Continuous Louvre

Max Thickness

The maximum thickness supported by our process generally reaches up to 3mm, depending on the specifics of your order.

CNC Press Brake Folding

Lead Time

7 business days lead time

for bending projects on average

Machines	Backguage	Bed Length
Trumpf Bend Cell 5000 Robotic	6 Axis	4 Meter Bed
2x Trumpf TruBend 5170	6 Axis	3 Meter Bed
1x Trumpf TruBend 5170	4 Axis	3 Meter Bed
1x Trumpf TruBend 7036	6 Axis	1 Meter Bed
1x Trumpf TruBend 7050	6 Axis	1.5 Meter Bed
1x Trumpf TruBend 5130	4Axis	3 Meter Bed

Trumpf TruBend Cell 5000 Robotic is fully autonomous for high volume work

Reducing shorter lead-times while increasing job efficiency & accuracy.

Powder Coating & Finishing

GCI's in house powder coating department can offer gloss, matte, satin and textured finishes in a wide range of colours.

Service	Dimension	Description
Sandblasting Booth	5m x 2.3m x 2.2m	Primarily for pre-powder coating surface prep for mild steel
Pre-treatment Tank	3.4m x 1m x 1.2m	For pre-treatment of aluminium only for enhanced adhesion & corrosion resistance
Powdercoat Oven	6m x 2.5m x 2.2m	We are using Dulux & Interpon powders

Electro polishing, zinc plating and galvanising available as external services.

Edge Rounding Assembly & Other Services

Edge Rounding

Using the Lissmac machine, you can have rounded edges and a uniform finish, which makes the part ready for powder coating, galvanising and zinc coating.

Assembly

Our team can make the entire components manufacturing process simple for your organization, with a true end-to-end solution that includes the final assembly of your parts

Additional Processes

- Drilling & Tapping
- Self-clinching
- Nut inserts
- Weld studs
- Riveting
- Sheet and tube rolling
- Polishing
- PEM inserts
- Machining
- Engraving

Welding & Fabrication

With both qualified boilermakers and Sheetmetal workers supported with robotic welding technology, GCI's welding department can deliver repeatable high quality and cost-effective products. Our methods include

- MIG
- TIG
- 2X Robotic Welding Cell
- 15 Welding BAYS
- AS/NZS 1554 compliant welding

Our Customers Industry

GCI Group has been in the laser cutting and metal fabrication for 21 years. Providing its customers with high-quality services, cutting edge machinery, and customised solutions.

Furniture

Camping & Recreation

Construction & Infrastructure

Mining & Industrial

Government & Defense

Transport & Specialised Vehicles

Agriculture Equipment

Electrical

What GCI Makes Possible

Here you can see a few shots showing our factory and final projects, where we bring your ideas to life.

Our Customer Testimonials

We have received numerous positive comments from our valued customers over the years.

Liam ★★★★★

December 2024
GCI has been a go-to solution for us for a number of years for our custom sheet metal furniture designs. Being able to have these manufactured locally in Brisbane at such a high standard and with competitive pricing has been instrumental in our success. With the recent improvements in efficiency and capability, the lead times have also become industry leading, which goes a long way to being able to continue manufacturing locally on a made-to-order basis, which we rely on.

Romulo ★★★★★

March 2024
GCI Group is now our preferred metalwork supplier because your workmanship is so much better than the other companies we have been using.

Sirenne ★★★★★

February 2024
GCI has proven to be an excellent supplier. The management and team have been a great support for us. Not only in producing quality work but also regarding communication, cost, commitment, and especially delivery. We really appreciate your efforts and help.

Ashley ★★★★★

December 2023
Just a quick message to say thanks for the great service with the last order.
You made the process stress-free & we were pleasantly surprised at how quickly the second batch was manufactured and delivered.

Henrietta ★★★★★

November 2023
Very much appreciated your experience, knowledge and diligence with our product and orders. Your communication and assistance has been always awesome.

Contact us for a free quote

47 Business Street, Yatala, QLD 4207

07 3807 0300

sales@gcigroup.com.au

gcigroup.com.au

Follow us on social media for updates

gcigroup

GCIGROUPAUSTRALIA

gcigroupAustralia

gci.group.au

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