



 **LaserTek**
PROFILES LTD

COMPANY PROFILE

LaserTek PROFILES



LaserTek Profiles Ltd gives you big volume production, coupled with exacting attention to detail and thorough customer service in steel processing.

We bring many years in the industry to our operation, and are proud to deliver quality processed metal components to suit your manufacturing processes.

We have invested in the latest technology for cutting and forming along with our industry specific lean manufacturing systems. We have an automated customer update system to keep in communication with you from quotes to ordering, through processing and shipping thus allowing you the freedom to plan your operations with confidence.

Our aim is to provide a 3-4 day turnaround for most jobs. We also cater for urgent needs with an Express service for our account holders ensuring your needs are met in a timeframe that suits your needs.

When it comes to the development and processing of steel components, we work with you to ensure quality results, value for your money and your peace of mind.

Working with LaserTek Profiles Ltd is more than a business transaction – it's the beginning of a business partnership.

Call us today!

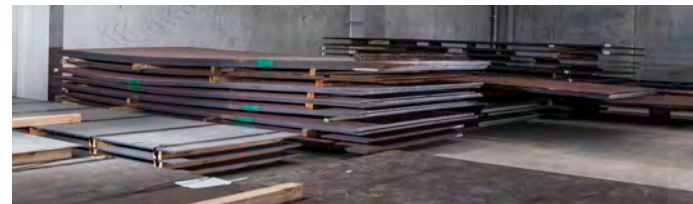
MATERIAL SUPPLY

LaserTek Profiles offers a range of carbon steel, stainless steel and aluminium plate and sheet to meet your needs.

Supply arrangements with our trading partners mean that we offer product from the most reputable steel-mills in Australia, New Zealand, Japan and Europe at the most competitive rates.

Full tractability and certification is available for all material. Where required for pressure vessel and marine applications third party inspection /testing is offered.

With our dual carriage gantry crane facilities we have the ability to handle steel plates up to 16 meters long and 8 tons.



CUSTOMER CARE



Dealing with your profile supplier, should be like using a Swiss watch. Service you can rely on, accurate, timely. It just happens with the minimum of fuss. After all, our business is dependent on the success of yours.

We strive to provide a high quality, consistent and reliable service to all customers, from the smallest customer to the largest equipment manufacturer. Getting it right, first time, on time, makes for satisfied customers and a happy team.

Within the LaserTek "engine room" we have a highly advanced ERP (Enterprise Resource Planning) system which means that your requirements are quoted, scheduled, processed, shipped and invoiced on a common platform.

Our ERP enables us to react quickly to ever-changing demands in production. In fact, once you accept our quote, the necessary part files are automatically generated and pre-programmed in our production schedule within a few minutes.

Our quality management system incorporates systematic procedures throughout the production process to ensure a consistent product.

We will be with you through thick and thin to ensure your requirements get the attention they deserve.

COMPONENT DEVELOPMENT

When developing a new metal product or part, LaserTek can collaborate with your design team to ensure a smooth entry into production.

The days of slide rules, scribes and marking out have all but disappeared. Incredible tolerances using our Laser Cutting machines and processing services mean that your components can often be made as interlocking, self-jigging kitsets to help you reduce the cost of the finished part.

Advanced CAM development packages enable us to take your concept and help you make it a reality. We can use your solidworks 3D model to programme the complete production process through to the folded component. Advanced software enables us to identify potential issues in cutting or forming operations during the design phase.

Talk to us today about your product development program.





LASER CUTTING

If you're wanting profiled components 0.5mm to 20mm thick cut with razor sharp quality look no further.

Why Laser Cut?

- Highest accuracy
- Best quality
- No further post processing required
- Slot and tab solutions are achievable with laser cutting allowing for faster more accurate set-ups which enable repeatable production for welding operations
- Total part costs can also be reduced through slot and tab assemblies

Our Trumpf TruLaser 5040 2D Laser cutting machine is a large format precision laser CO2 cutting machine, from the TruLaser Series 5000 which stand for both high productivity and reliable long-term service.

We have equipped the TruLaser 5040 with full automation which includes, automated loading and unloading via the liftmaster, automated sheet alignment and automatic nozzle cleaning.

- Maximum Output 5000W
- Maximum Sheet Size 2000mm x 4000mm
- Maximum Thickness Carbon Steel 25mm
- Maximum Thickness Stainless Steel 20mm
- Maximum Thickness Aluminium 12mm
- Positional Accuracy 0.10mm (over 1000mm)
- Average Position repeatability 0.025mm (over 1000mm)
- Enormous axis speed (300m/ min) and positioning dynamics

By using the most productive equipment available we make the Laser cutting process as cost effective as possible .



HIGH DEFINITION PLASMA CUTTING



We offer high quality CNC plasma cutting using our ProEdge 5500 high definition plasma cutting machine, with KALIBURN Spirit275a power source.

A maximum cutting area of some 5m x 27m means that we are able to load no less than 8 sheets of 2.4m x 6.0m at any one time for increased productivity.

Plasma Capabilities

- Output 275 Amps
- Maximum cut area 5,000mm x 27,000mm
- Maximum Thickness 65mm Carbon steel, 32mm Stainless steel
- Production Thickness 32mm
- Equipped with the latest technology which improves hole and edge quality, especially on material 16mm and above.



OXY-FUEL CUTTING

Our CNC Oxy-Fuel cutting machine is equipped with four cutting heads and has the ability to cut parts up to 8m long and 200mm thick.

The Oxy-fuel cutting machine is programmed by our CAM software which incorporates the latest common line cutting and bubble piercing techniques to ensure cost effective nesting and cutting of heavy plate.

Oxy-Fuel Capabilities

- Maximum Sheet Size - 3000mm x 8000mm
- Maximum Thickness - 200mm
- 4 Harris Oxy-Propane cutting torches
- Motorised piercing for heavy plate cutting



PRECISION BENDING

We operate a Trumpf TrumaBend for the ultimate precision in bending profiled components.

Using our CAM Software we have the ability to import your 3D Solidworks files and seamlessly programme unfolding, cutting and bending operations.

The software simulation prior to actual bending means that we can create a perfect part first time.

Capabilities Trumpf Truma Bend V85S

- Maximum tonnage 85 ton
- Bending length 2500mm x 6mm mild steel
- Distance between frames 2290mm
- Throat depth 410mm

We can offer CNC pressbrake work up to 400 tons x 4000mm.



DRILLING AND TAPPING

We drill, counter bore and tap holes in profiles to your requirements.

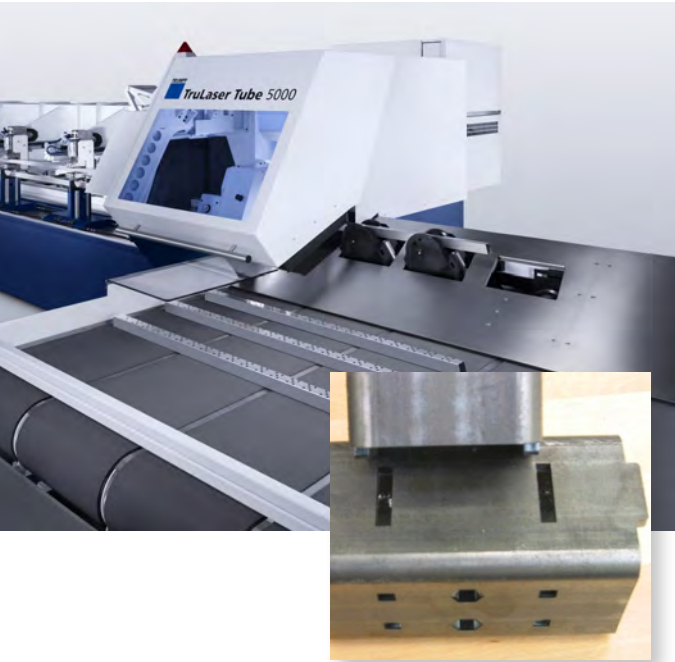
When you order profiles from us, you can specify drilling and tapping operations and save time and money by receiving profiles ready for use!

Drilling and tapping capabilities

- Maximum thickness 50mm thick
- Maximum diameter for drilling mild steel 50mm
- Maximum size for tapping mild steel M24
- Machining of all other grades and sizes are offered in conjunction with our sub-contractor



3-DIMENSIONAL LASER CUTTING



3D Tube Laser cutting offers you the freedom to design new 3D structures that would not be possible using traditional methods.

3D Laser Capabilities

The Trumpf 5000 is able to cut any square or round of tube or pipe or other hollow sections that will fit inside a 152mm area.

- Minimum size of 20mm OD (round or square)
- Maximum wall thickness for material
- Mild Steel 6.4mm
- Stainless Steel 5.0mm
- Aluminium 4.0mm
- Length of material can be up to 6.5m using the automatic loader.
- Maximum of 7.7m long can be manually loaded.

The Trumpf 5000 is operated by our partner company ES3.

CUSTOMER FEEDBACK SYSTEM

We realise how important it is for you to have reliable, clear, concise communication from your profile supplier.

That's why we have an automated customer update system. Once your account and email is registered with us you receive automated emails for.

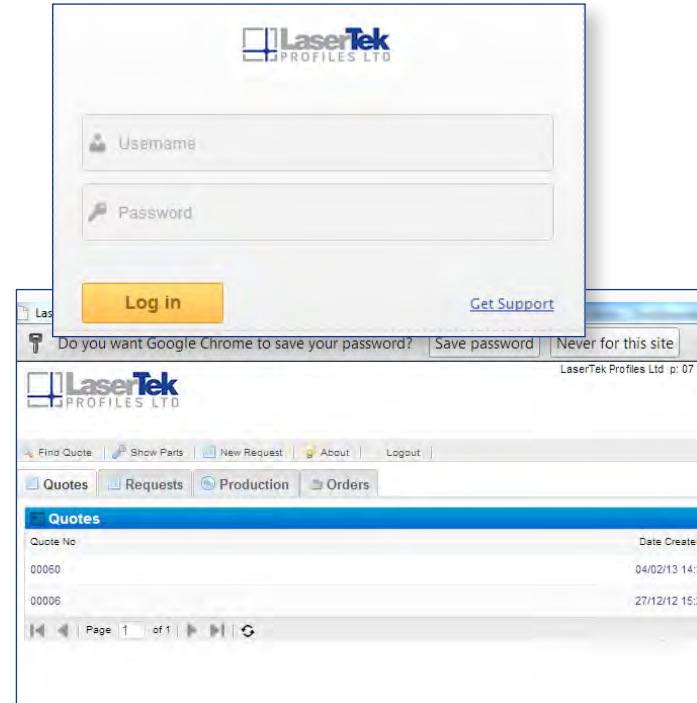
- Order confirmation with delivery date.
- Order shipped confirmation with consignment details.

Customer Portal

We can also provide you with a user name and password to access our customer portal. This portal gives you access to a customer dashboard of all your orders, quotations.

Here you can place new orders, create repeats of old orders, request quotations and upload CAD files.

You are able to track the status of your order as it goes through production.



FIND US

Contact Details

General Sales Inquiries: sales@lasertek.co.nz

Phone +64 7 543 3480

Freephone 0800 527 370

Fax +64 7 543 3481

Postal Address

PO Box 3043 | Greerton
Tauranga 3142

Operations Manager

Rick Clare
rick@lasertek.co.nz

General Manager

Tim Moxham
tim@lasertek.co.nz

Physical Address:

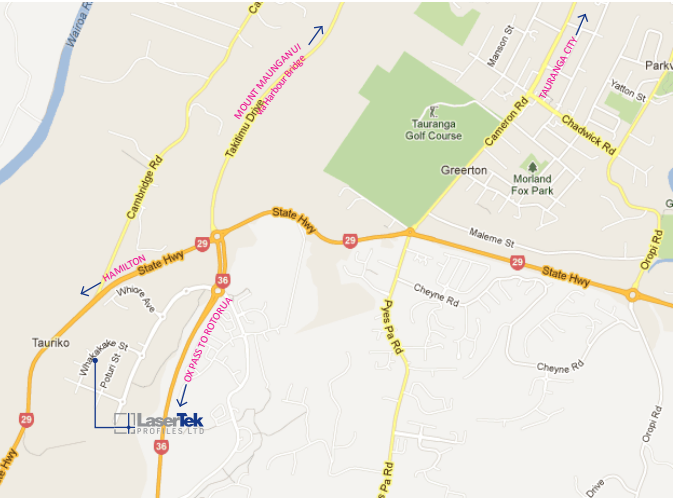
162 Whakakake Street,
Tauriko, Tauranga

General Production Inquiries

operations@lasertek.co.nz

Administration & Accounts

Vanessa Moxham
vanessa@lasertek.co.nz





Ph 07 543 3480 Fx 07 543 3481

Em info@lasertek.co.nz

PO Box 3043, Greerton 3142, Tauranga

www.lasertek.co.nz