

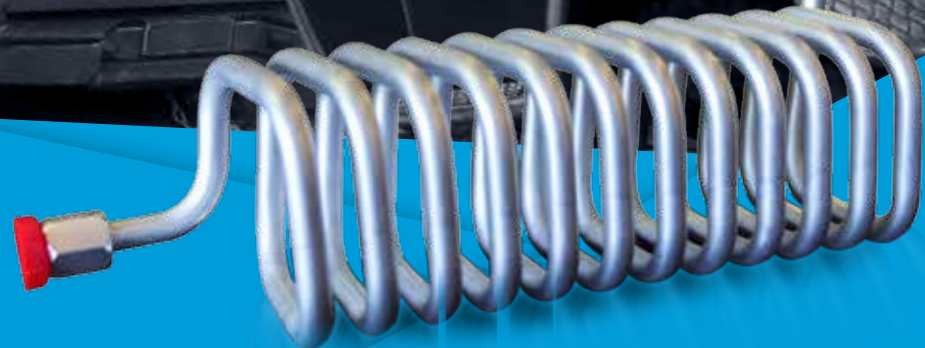


tubeworx

We're Bent On Quality



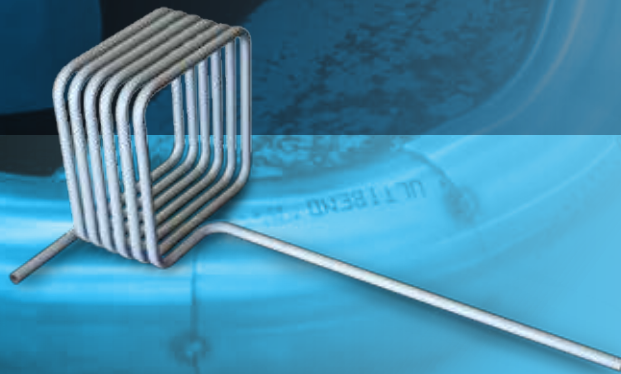
“...specialists in mandrel
tube/pipe bending,
automotive tubing and
hose manufacturing.”

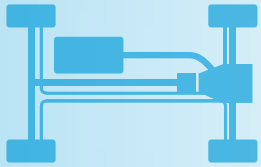


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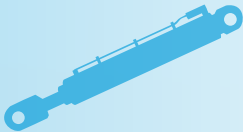


“We use the latest technology providing customers with the best possible outcomes.”





Automotive



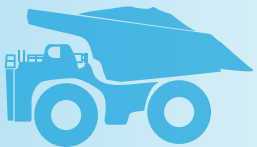
Hydraulic



Defence



Construction



Mining



Marine



tubeworx

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Tubeworx – Who We Are

Tubeworx Pty Ltd was established in 2009, by founders Mick and Sonya Horsburgh. Initially servicing industries in and around Brisbane, Queensland. Tubeworx has grown steadily and now services both Australia wide and overseas.

Tubeworx has built a quality reputation which is supported by a dedicated management team and employees. As we've grown, we've learned the value of customising our services to meet evolving industry needs.

At Tubeworx our management and team believe our attitude and customer care is what enables us to consistently deliver quality projects on time and in budget.

At Tubeworx we offer many services for a wide range of industries. These industries include

original equipment manufacturers right down to one off customers. Tubeworx has invested in the latest technology, which includes the use of 3D scanning to reverse engineer or parts checking. This combined with our in-house CAD design and investment into the latest CNC bending equipment permits us to give customers the best possible results. Repeatability, lean manufacturing and quality assurance are core values at Tubeworx. Our culture of cleanliness, our organised systems and processes are the keys to our success.

Being the market leader in automotive tubes and hoses means Tubeworx stands out from other bending companies. We take pride in this achievement and continue to offer consistent world-class service and outcomes to each and every customer.



Investing in the latest technology

Tubeworx has continually invested in the latest technology enabling us to stay ahead in our field. We are constantly looking to technology to improve our products and services. Tubeworx now has 6 full CNC mandrel tube/pipe benders, we believe the machines are only part of the process. The technology starts right from the point of sale through to the dispatch of the customer's goods. Tubeworx has not only invested in the most up to date CNC tube and pipe processing equipment but in our operating systems and CAD systems.

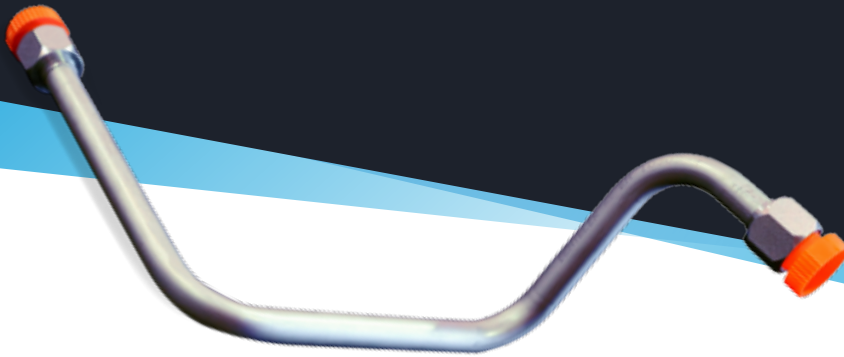


Left and Right
Hand CNC Mandrel
Bending (7 Axis)

Specialists in our field

Not just another bending company.

Tubeworx has positioned itself as a market leader in many areas. One of these areas is automotive tubes and hoses. Tubeworx has built a reputation for manufacturing OEM quality automotive parts such as; brake lines, fuel lines, oil lines, air conditioning lines, air intake/exhaust and much more. This reputation has now spread to the UK and Tubeworx supplies a major car manufacturer for a special line of vehicles. Tubeworx was also involved in making components for the last run of HSV GTS-W1 vehicles made in Australia. To be involved in these projects, quality assurance and manufacturing standards are very high. Tubeworx has proven its reliability and performance on every level. The team at Tubeworx apply the same systems and care to every project.



Services to match our customers needs

If it is a one stop shop you are looking for, then look no further!!

Tubeworx is ready to help customers from conception to completion of their projects. We have helped many customers bring life to their ideas.

Our services cover a wide range of areas that are specific to the needs of each phase in the project life cycle, from initial consultation, design, choices of materials, quality control to the time it leaves the warehouse and is packaged and freighted.

As the project moves through these phases we offer continuous improvements and maintenance to ensure our customers' projects continue to run at their optimum level.

Quality assurance

Tubeworx has an internal quality management system in place and will move to ISO2015 by the end of 2017. We will continue to add more quality systems and accreditations as we grow. Quality and conformance of production is of the highest priority.



< A Check
Measure JIG



Our services

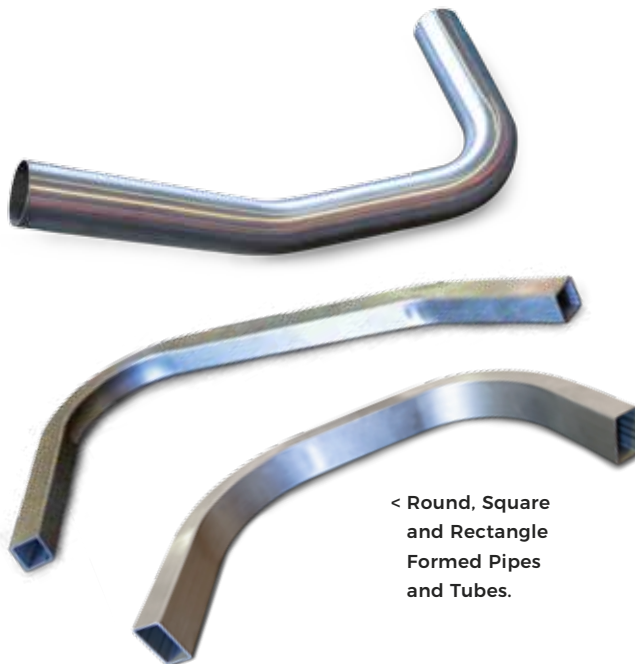
Full CAD Design

From conception to completion, our CAD design team will assist you through your project. We can create working drawings (PDF and DXF/DWG) from hand drawn sketches to using your existing tube and pipework CAD files to create CNC bending information for a precise fit every time. We can work with Autodesk Inventor, Solidworks Pro Engineer/Creo, IGES, STEP 3D files and provide high quality still images and animations using Autodesk 3DSmax software.

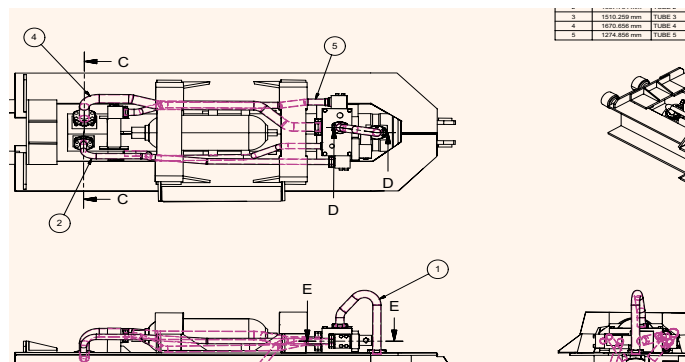
Tube and Pipe Bending

Capacity 4.75mm up to 100mm

With 6 CNC mandrel bending machines, such as 7 axis left and right bending machine, push bending and oil tube master. Tubeworx has the capability to bend tube and pipe in the most complex shapes. Our large tooling range allows us to form, **round**, **square** and **rectangle** sections. For more detail, please download our "Tooling List" from our website.



< Round, Square and Rectangle Formed Pipes and Tubes.



"You can even send us
a piece of wire and we
can turn it into a tube."

Mick Horsburgh - CEO

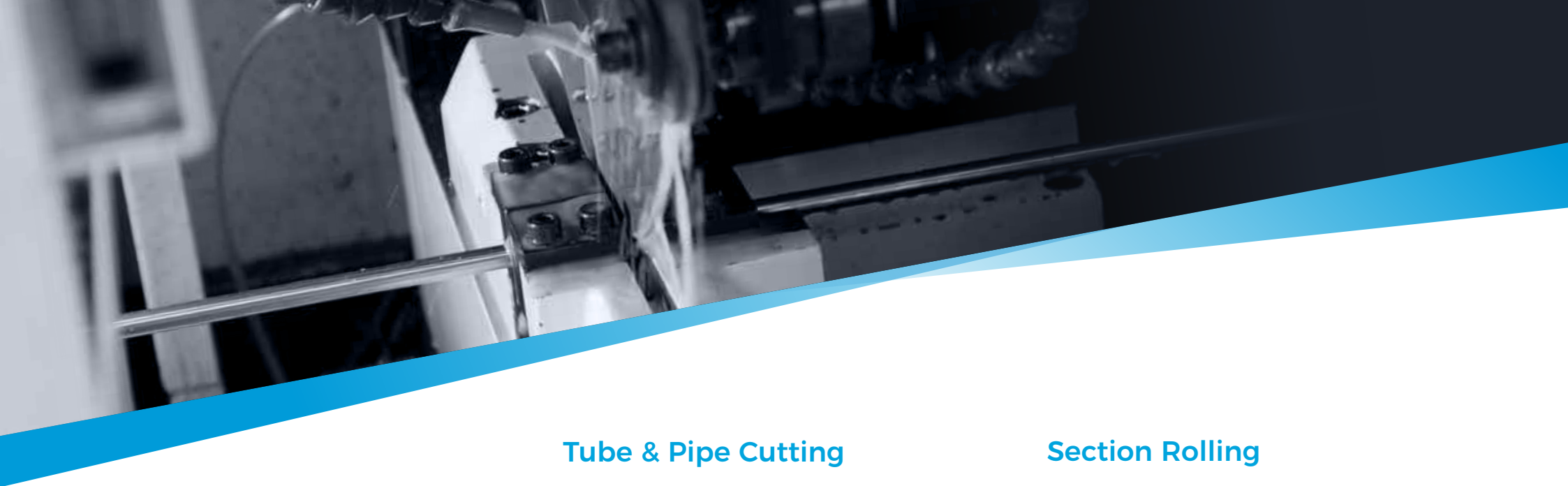
3D Tube and Pipe Scanning

This sector of our business is one of the most exciting developments. Tubeworx has the capability to 3D scan complete objects, such as cars and equipment. We can then, build tube work and pipe work to fit exactly. With the latest in 3D scanning technology, our team can quickly and accurately reverse engineer tube/pipe assemblies. This allows Tubeworx to reproduce customer's samples with the highest of accuracy.

Our Tube Inspection Arm is a complete tube inspection solution that is able to capture the tube data and save to a format that our bending machines can directly read. Since we need only to measure a customer's tube and in real time feed the precise data into their bending machines it reduces the production time and hence our lead times.



< 3D Tube and
Pipe Scanner



Tube & Pipe Cutting

Tubeworx has once again invested in the latest technology for tube and pipe cutting. Our fully automatic cut off saw can cut as short as 30mm and at a very high speed. Our range of saws have computerised measuring stops to give the highest accuracy in cutting.

Section Rolling

Tubeworx has the capability to roll various types of materials and sections. This allows us to roll large radius, spirals or coils along with round, SHS, RHS sections. Our tooling range includes nylon rollers for mirror finished stainless tubing for handrails and other applications.





< Air Conditioning Hose
and Tube Assembly

Automotive Tubes and Hoses

We are the leading specialist when it comes to automotive tubes and hoses. Below are some of the automotive products we produce.

- **Air conditioning** tubes and hoses
- **Brake** tubes and hoses
- **Power steering** tubes and hoses
- **Fuel** tubes and hoses
- **Oil** tubes and hoses
- **Coolant** tubes and hoses
- **Intercooler** tubes
- **Specialty exhaust** tubes

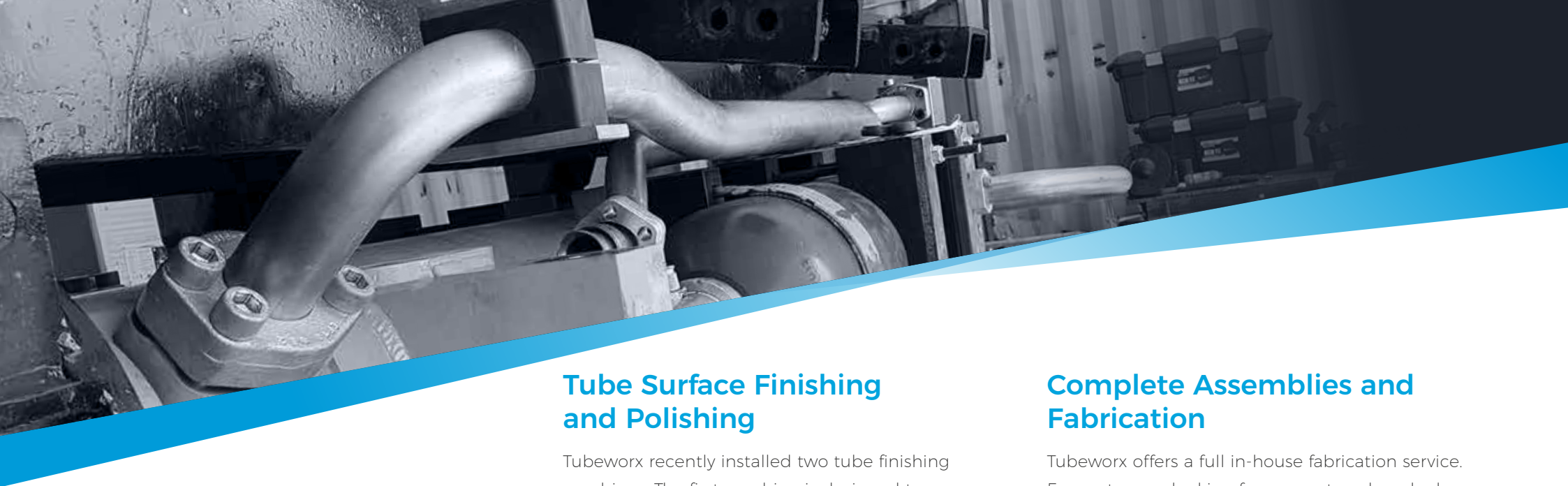
Tube End Forming

Tube and pipe end forming comes in many forms depending on the application required. At Tubeworx we have a range of specialist equipment to form the ends of tubes and pipes.

- **37 degree JIC flares for hydraulic lines**
- **45 degree flares for automotive lines**
- **90 degree flares for hydraulic lines and flanges**
- **O-ring end forming for automotive lines.**
- **Tube/Pipe reducing and expanding**
- **Notching**

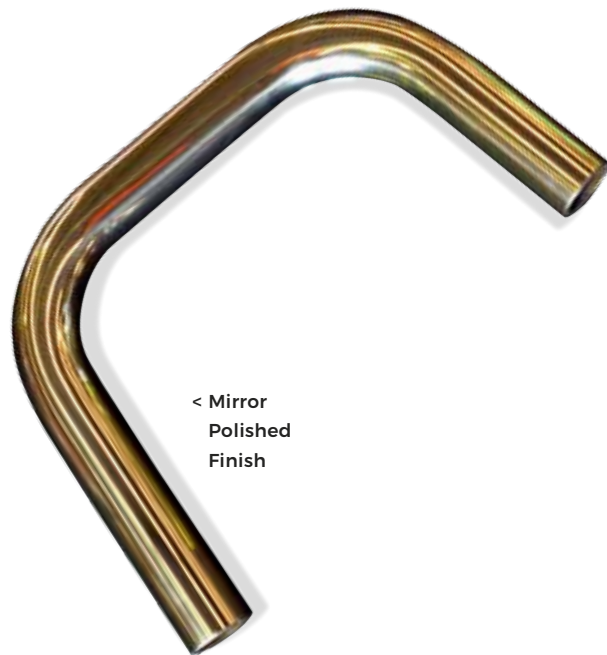


“... a diverse
company supplying
a large range of
products and
services for all
types of industries
and customers.”



Tube Surface Finishing and Polishing

Tubeworx recently installed two tube finishing machines. The first machine is designed to remove tooling marks from bent tubes. The second machine is designed to polish bent tubes to a mirror finish. With these machines, we can offer our customers the highest level of tube finish.



< Mirror
Polished
Finish

Complete Assemblies and Fabrication

Tubeworx offers a full in-house fabrication service. For customers looking for a one stop shop, look no further. We supply many of our customers with completed products, right down to powder coating and packaging. We can offer anything from brackets folded and welded onto tube assemblies to HP hydraulic tube assemblies with flanges. Some of our welding services we offer include:

- Alloy brazing
- Silver soldering
- TIG/MIG welding



Pressure Testing Equipment

Our in-house pressure testing facility allows Tubeworx to offer its clientele certified pressure test reports. This service is critical to our Hydraulic/Automotive/Aviation and Defence customers who require tube or hose assemblies to be certified. Full test reports are supplied with each assembly.

Quality Control Processes

At Tubeworx we believe in procedures. Our work is controlled by a bar coding system that we can track in real time where each process is at and the length of the process. Whether we are upgrading to the latest equipment or implementing new processes we are continuously improving our systems. This means that our customers are guaranteed that they are getting the best products and services we can possibly provide.



< Completed
Assemblies



“... our dedicated team will help you from conception to completion.”

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SERVICING CUSTOMERS AUSTRALIA WIDE and OVERSEAS



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