

Quality Manufacturing Service for Industry

'Quality without compromise'



www.ogis.com.au





"Ogis has been working with and supplying Sebel since 2007. During this time their quality of workmanship has always been of the highest nature."

Ogis can offer a complete service to Sebel which makes them a preferred supplier when it comes to locally manufactured products."

Nathan Hardge, Sebel Furniture Ltd.



Ogis Engineering specialises in support manufacturing services to all sectors of Australian industry.



Our main services include Mandrel Tube & pipe bending as well as quality fabricated products.

Fifty years of experience means we know there are no shortcuts to a quality product. ISO 9001-2008 DNV Accreditation.

As an Australian manufacturer:

We are flexible on lead time, being able to complete jobs with very short notice.

Employ highly skilled staff that understand the quality requirements of our customers.

Inspection during manufacture is local and convenient.

Ease of communication avoids misunderstanding.

Our products are manufactured to last the distance.

Top: Balloon and Elephant, Prince Alfred Park.
Right: Double Bench seat, Sydney. Below: Whale bone Arch, Pyrmont Park Sydney.



Mandrel Bending

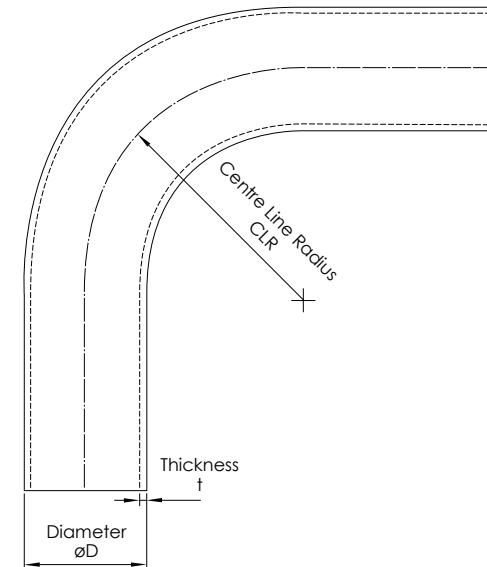
Ogis specialises in CNC mandrel tube and pipe bending from as little as 6mm (1/4 inch) diameter up to 88.9mm (3 1/2 inch) diameter.

Rolling

Rolling allows for greater diameter variety by eliminating the need for specific tooling. Rolling can be performed on angle (toe in or out), round bar, flat bar, wire, as well as aluminium extrusions.

Our NC roller is capable of rolling arcs, circles, coils, ovals and different radii sections.

Sizes range from 4mm diameter wire up to 60.3mm diameter pipe.



Top left: Hospital IV poles. Left: Safety Barrier.
Above: Graphic showing centre line radius
Below: Colourful bike stand.

MANDREL BENDING TOOLING LIST

Please note that new tooling can be manufactured as required to suit your product design.

Tube Type	Tube (Dia./Size (mm))	Radius CLR (mm)
○	9.5	30, 60, 75
○	12.7	20, 31.75, 34, 45
○	14.29	20
○	15.88	20, 31.75, 50, 75
○	19	40, 47.5, 53, 56, 57, 62, 75, 105, 113, 120
○	22.2	44.5, 45, 70, 159
○	25.4	40, 50, 63.5, 69, 82, 82.5, 125, 210, 275
○	28.6	76, 89
○	31.8	50, 60, 63.5, 76, 80, 101, 127, 245
○	38.1	63.5, 76, 95
○	50.8	76.2, 125, 150, 300,
○	63.5	95
○	76.2	114
□	19 x 19	40, 57, 75, 76.5, 81, 200
□	25.4 x 25.4	52.5, 73, 87, 88, 94, 210
□	30 x 30	135
□	31.8 x 31.8	60
◌	31.8 x 16	65
◌	16 x 31.8	60

Pipe – Mandrel Bender Dies and Tooling

Pipe Type	Pipe (Dia./Size (mm))	Radius CLR (mm)
○	8NB (13.5)	100
○	10NB (17.2)	50, 75, 100
○	15NB (21.3)	45, 75
○	20NB (26.9)	90
○	25NB (33.7)	50, 65, 75, 101, 150
○	32NB (42.4)	63, 98, 127, 150, 300
○	40NB (48.3)	57, 150
○	50NB (60.3)	95, 150, 300
○	65NB (76.1)	150, 250
○	80NB (88.9)	153, 225

Please review our updated tooling list at www.ogis.com.au

MANDREL TUBE AND PIPE BENDING ROLLING





METAL FABRICATION

Our diverse variety of equipment allows Ogis to manufacture products to your exact requirements, from single items to large scale production runs.

Ogis Engineering continuously invests in new equipment, this enables us to manufacture the majority of our work in house and using state of the art machinery.

Our Welding Services:

MIG, TIG.

Our welders are certified to weld to Australian Standards 1554 GP, SP and AS 3992.

Welding procedures are provided when requested.

Weld testing is performed as required.

Robot MIG and TIG welding on regular jobs.

Materials

Mild Steel, Stainless Steel, Aluminium, Brass, Copper and Plastics

Finishes

Powder coating

Wet painting

Stainless Steel, Satin (no4), Mirror (no8), electro polishing

Electroplating (chrome, nickel, zinc, bronze, tin etc:)

Hot dipped galvanising

Anodising



Top: CNC Tube and pipe Mandrel bender.
Above: Robot welder.
Above Right: CNC 70 tonne press brake.
Right: CNC automatic saw.



CAPABILITIES

CNC Mandrel Tube and Pipe Bending providing crease free bends for tube and pipe from 6mm (1/4") dia to 88.9mm(3 1/2") dia.

Rolling, NC machinery allows for circle rolling, coils, ovals, and arcs.

Robot and manual welding (MIG and TIG) with six bays and qualified welding operators accredited to Australian Standards.

Complete weld procedures and weld test provided on request.

Fabrication Services including press work, punching, guillotining, drilling, tapping, bending, flaring and an extensive range of machinery for manipulating tube, sheet and plate components as required.

Tube & Pipe Cutting including CNC Automatic Cutting Machines and Band Saws. We are able to cater for varying materials including pipe, channel, angle and beams.

Threading, Beading & Victaulic Grooves Threading from 1/8" to 2" pipe OD capacity (BSPT, BSPP, NPT, Metric) and processes to provide beading and Victaulic grooving.

Sheet Metal Fabrication. With in-house precision plasma cutting to 25mm thick, folding of sheet metal and plate with a CNC 70 ton press brake.

Prototype Fabrication assisting with design and product development.

Finishes include linishing, electropolishing and polishing of stainless steel, powder coating, wet painting, electroplating, galvanising and anodising.

Drafting, in-house drafting services.

Packaging and labeling to meet customers requirements.

Delivery is provided as required by our clients.

ERP System ECI M1 is an integral part of the planning and processing of jobs within Ogis. This sophisticated system allows for accurate documentation and complete traceability.



TRANSPORT

DELIVERING EXPERTISE



Since 2000 Ogis Engineering has been a specialist supplier to the Australian transport industry. With cutting-edge techniques and advanced metal fabrication machinery, we have successfully engineered thousands of quality products ranging from grab rails to custom made components for trains, trams, locomotives, buses, ships, aircraft, commercial and passenger vehicles.

Ogis has manufactured components for:

Trains

Millenium – internal handrails.
Tangara – internal handrails.
Hunter – internal handrails.
Prospector – mirror polished stainless steel handrails.
Oscar – internal handrails.
Queensland Tilt Trains – internal hand rails.
NSW XPT – Disabled toilet grab rails.
Waratah – Stainless steel conduits and cast connectors. Drivers cab handrails.
Various brackets and components.

Trams

Adelaide trams – internal handrails.
Melbourne trams – internal handrails.

Buses

Sydney buses – Structural front end crash bar.
Sydney, Brisbane, Perth – internal handrails.

Locomotives

External grab rails in stainless steel and mild steel painted.
Radiator cab welded pipe fittings complete with painted finish.
Fuel lines
Ladders
Air lines
Hydraulic bent pipes



Below: Tangara refresh - internal hand rails



Above: Welded pipe assembly with flanged and machined ends, completed with painted finish.
Right: Hand rail clamp end.



DEFENCE

Ogis Engineering manufactures quality components for the Australian Defence industry, mainly for the prime contractors and 2nd tier suppliers.

With cutting-edge techniques and advanced metal fabrication machinery, we offer precision manufacturing, confidentiality and reliable on-time manufacture of equipment such as:

Vehicle roll bars

Ground support equipment

Valves for Navy divers equipment

Handrails for ships

Tube and pipe fittings

Pallets for Navy ships

Miscellaneous brackets and fitting for all types of Defence systems.

QUAD CHART

PIPE BENDING - TUBE BENDING - METAL FABRICATION - WELDING

PRODUCT/CAPABILITIES

- Fabrication of quality metal products, specialising in:
 - mandrel tube & pipe bending
 - Precision plasma cutting, folding of sheet and plate.
 - Complete welding services to Australian standards.
- Provide support manufacturing services to industry.
- Complete items delivered finished as required.

KEY CUSTOMERS

- UGL (www.ugllimited.com):
 - Extensive range of components for rail-related rolling stock.
- Downer (www.downergroup.com):
 - Extensive range of components for rail-related rolling stock.
- BHP Billiton (www.bhpbilliton.com)
 - Three Bath Houses built and delivered ahead of schedule, together with all the necessary mining-specific regulatory paperwork.
- Sebel Furniture (www.sebelfurniture.com)
- Caterpillar (www.australia.cat.com/)
 - Tube and pipe components for mining vehicles.

DISCRIMINATORS

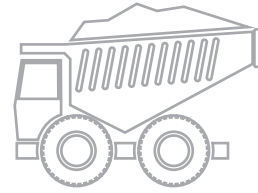
- For over 50 years Ogis has been a local market leader in tube and pipe bending, rolling, welding and metal fabrication services:
 - Extensive knowledge in the area of tube and pipe bending as well as fabricated products.
 - Supplies directly and indirectly into long life-cycle Government programs.
 - Proven track record of on-time delivery with minimal non-conformance.
- Utilises latest Computer Numerically Controlled (CNC) equipment for guaranteed repeatability and accuracy:
- ECI M1™ Enterprise Resource Planning (ERP) software employed in all areas of production giving complete traceability and documentation.
- 'Ogis Express' service is available for missed items or urgent delivery as well as fast prototype turnaround.
- Implementing internationally-recognised 21st Century Supply Chains (SC21) continuous improvement program (known under the name SCIP in Australia).

QUALITY STANDARDS AND OTHER ACCREDITATIONS

- Quality System AS/NZS ISO 9001:2008
- Australian Industry Defence Network (AIDN) and the Australian Industry Group (AiGroup).

ADDRESS/CONTACT DETAILS

POC: Kevin Adler
Address: 5 Harcourt Parade, Rosebery NSW 2018
Phone: +61 2 9313 3777
Fax: +61 2 9313 3737
E-mail: kevin@ogis.com.au
Web: www.ogis.com.au



MINING

As a major supplier to the Australian mining industry, Ogis Engineering proudly manufactures quality components and assemblies:

The manufacture and installation of bath houses.

Components for mining vehicles

Frameworks for small and large pumps.

Conveyor idlers.

Seats frames.

Bent tube and pipe sections.

Welded pipe assemblies.

Safety rails.

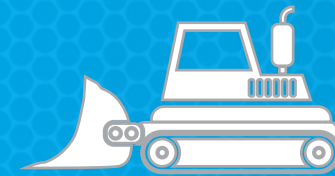
Hydraulic components.

Custom manufactured brackets and fittings.



Far left: Mining truck.
Left: Bath house.
Bottom: Conveyor





INFRASTRUCTURE

Government, council and key infrastructure projects are delivered with absolute quality at Ogis Engineering. With cutting-edge techniques and advanced metal fabrication machinery, we deliver custom-made single items as well as large-scale production runs.

Your project is assured of absolute quality and compliance, with our thorough understanding of statutory requirements for the following sectors:

Roads

Energy

Government & council

Water & sewage

Waste management

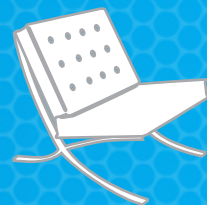
Electrical

Telecommunications



Top left: Dingy racks.
Far Left: 18 x 3 metre high stainless steel water feature poles at Sydney Olympic Park.
Left: Bollards at the Opera House.
Below: Locomotive.





ARCHITECTURAL & DESIGN



Above: Bespoke light feature
Westfield Chermide.
Below: Curved metal staircase.
Far left: Bespoke woven screen
doors. Bottom: Gold Anodised
feature screen.

Your design is brought to life with absolute quality at Ogis Engineering. We understand the importance of exceptional finishes in creating your vision and ensure the focus stays on your design and not the fixings. For over 25 years we've partnered with many leading architects and designers Australia wide to create bespoke internal and external features and design elements. We enjoy the challenge of even the most enterprising projects. We appreciate and understand your creativity and will recommend the most effective method of manufacture.



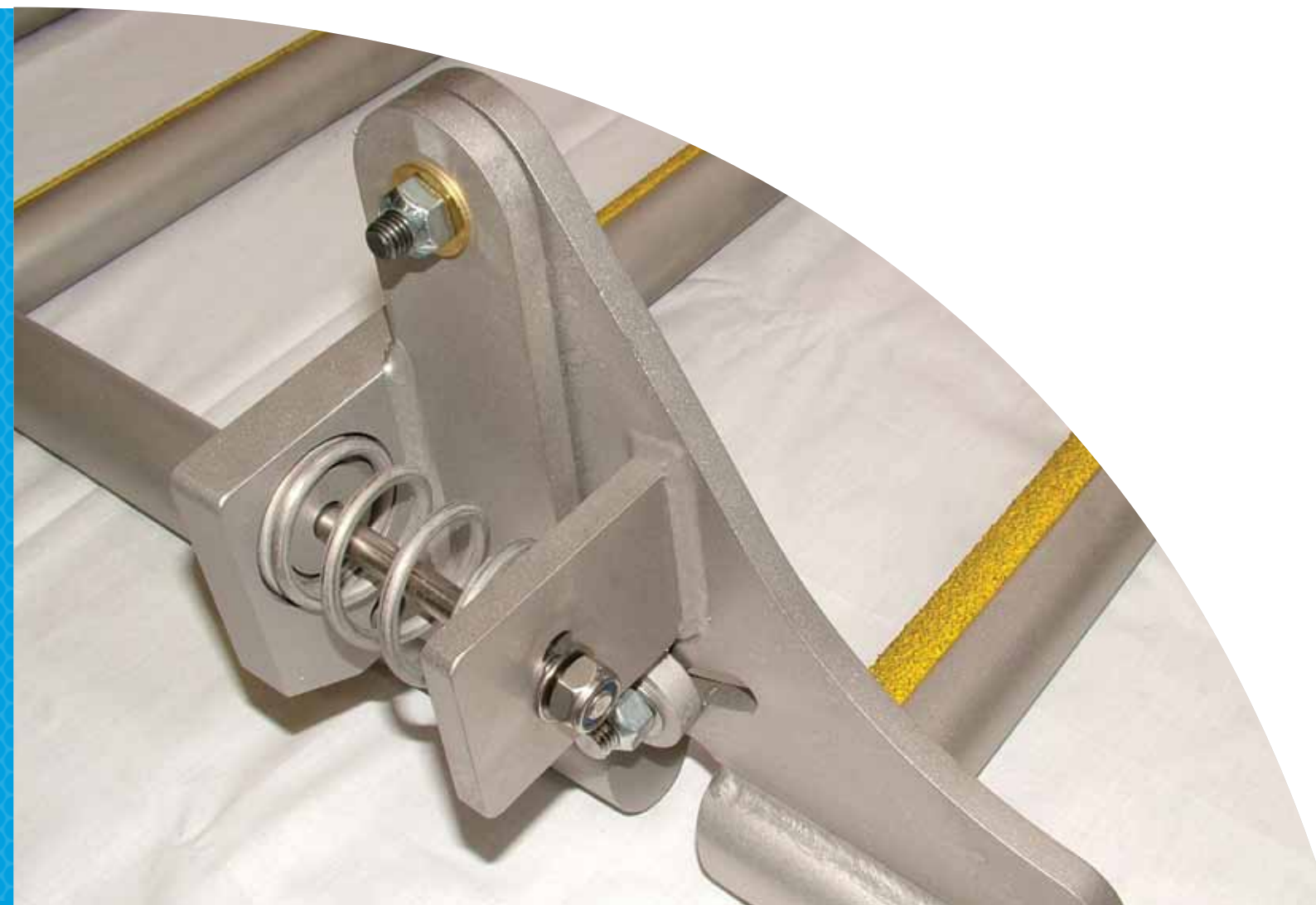


Ogis Engineering delivers quality support manufacturing services to the Australian manufacturing industry. We ensure your project runs smoothly from start to finish with our unsurpassed levels of quality, conformance to specification and on-time delivery, all backed by the friendly, professional customer service we are renowned for. With over 50 years experience providing quality metal working products for businesses Australia-wide, we can handle projects of all shapes and sizes ranging from brackets and fittings to complex custom-made components to meet your exact requirements.

Left: Machine components. Far left: Welded pipe assembly. Below: Stainless Steel pump base. Right: Pipe assembly complete with machine flange. Bottom: Detail of spring loaded stainless steel locomotive ladder.



MANUFACTURING INDUSTRY



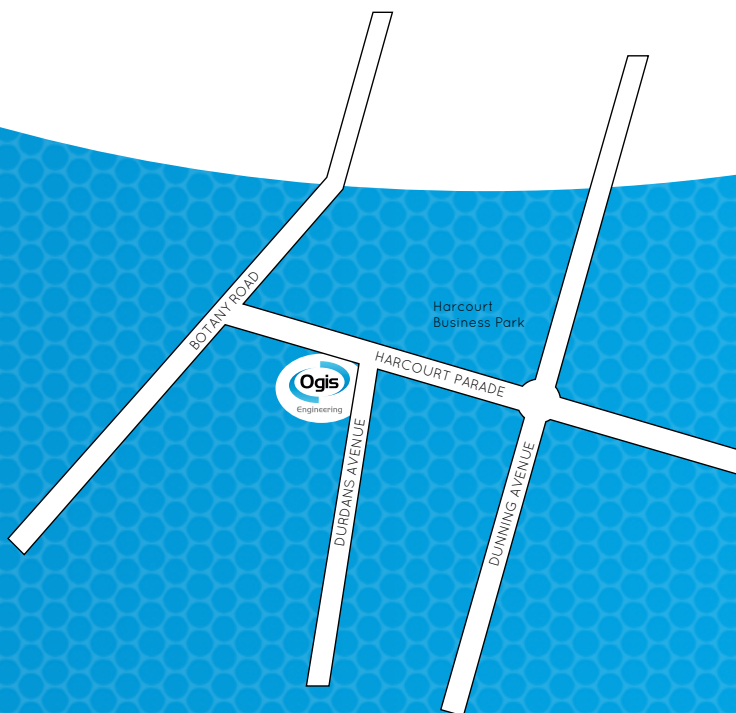


"Martin and Nick were excellent to deal with. Their reports were delivered on time and were comprehensive. Any questions / enquiries we may have had were handled promptly and professionally. The workmanship was good and to my knowledge to specifications. Any challenges occurred were handled in a prompt and precise manner. I would have no hesitation in recommending OGIS to others".

Craig Jurd, Contract Manager BHP Billiton

"Over the past 15 years, Ogis has supplied KE-ZU with a variety of products in small and large volumes. These most often comprised chair and stool frames manufactured under license from our European suppliers and had to meet the high standards set by these suppliers and expected by our customers. At times, we also engaged the services of Ogis for specialized custom projects. I have no reservations in recommending Ogis as a manufacturer of quality metal products."

Mark Swanton Director KE-ZU



OGIS ENGINEERING

5 Harcourt Parade, Rosebery NSW 2018, Sydney Australia
PO Box 166, Rosebery NSW 1445, Sydney, Australia
P +61 2 9313 3777 | F +61 2 9313 3737 | E sales@ogis.com.au

