



SHAPING AUSTRALIAN INDUSTRY

AUSTRALIAN OWNED AND OPERATED



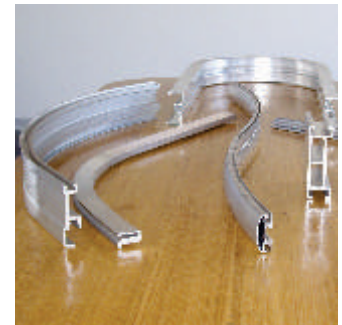
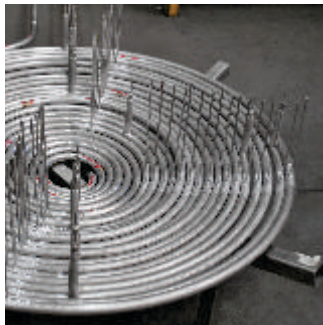
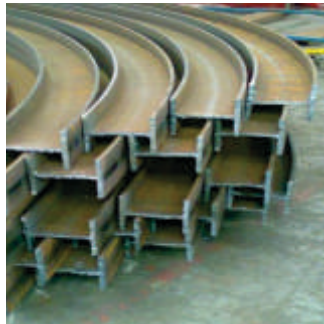
SHAPING AUSTRALIAN INDUSTRY

Uneek bending Co provided state of the art engineering solutions for the design, manufacture and application of complex metal bending, rolling and welding. Uneek's established design department, research and development engineers and production staff have years of experience and problem solving expertise to form and weld steel and other metal sections to meet customer requirements.

Established in 1964. Uneek is an ISO Accredited company with full material traceability to ensure a quality product is manufactured. Uneek is accredited for AS/NZS ISO 9001:2015 Quality, AS/NZS ISO 18001:2007 OH&S and AS/NZS ISO 14001:2015 Environmental certifications.



The company operates from substantial premises comprising modern bending and rolling facilities as well as a fabrication workshop equipped with 2 x 16ton and 2x 10ton overhead travelling cranes. Our fabrication experience included mild steels, low alloy steels, chrome-moly steels, stainless steels, duplex stainless steels, inconels, monels, hastelloys, aluminium and titanium. Combining the latest technology with skilled personnel, Uneek Bending is equipped to handel a wide range of complex projects.





It's easy when you know how!

Getting metal to conform to the shapes and configurations you need for your project can be a real puzzle... but here at Uneek we specialise in solving problems and creating exactly the right outcome to match the most exacting engineering needs. With our vast experience and qualified knowhow, Uneek bending Co provides state of the art engineering solutions in the design, formation and application of complex metal bending, rolling and finishing.



With the company's Australian and international design and production capabilities, Uneek is the ideal choice to project manage large scale engineering productions including boiler configurations, architectural assemblies, transport and automotive components, communication arrays, defence requirements and to provide solutions to a wide variety of other industry and engineering concepts.



With over 50 years in the industry, the latest metal forming technology and skilled, experienced operators, Uneek are recognised as Australia's leading metal bending company. Our latest trained operators use the latest CNC mandrel bending machines to fashion highly accurate bends to customer specifications including Coils, Boiler Tubes, Long and Tight Radius Bends and Aluminium Extrusion bending.



TUBE BENDING

From simple tube bends to complex coil formations, we have the expertise and equipment to effect the widest applications of tube bending technology. All bends are quality checked to ensure is to applicable standards. For example, AS1228 for water tube boilers and AS4458 for pressure equipment manufacture.

We also meet the requirements of ASME-1 for power boilers and TEMA for heat exchanger U-bends.



MANDREL BENDING

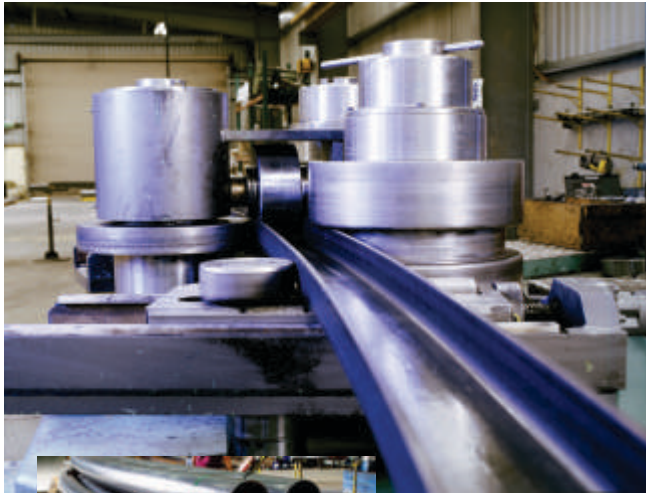
Called 'Draw Bending', here at Uneek we have all the machinery and processes complete with heat treatment charts and calibration records to effect required bending to all types of metal sections and tubing.

Our vast experience coupled with specialised operators ensures the very best results in a wide variety of metal bending operations.



ROLLING

The Uneek rolling plant is equipped to meet your custom requirements including complex spirals, parabolas, ovals and coils including helical and serpentine coils. We can produce from your instructions, drawings or templates and our experienced design team can assist in bringing your concepts to fruition.



Pipe up to 300NB can be rolled and RHS can also be rolled as a diamond for track making etc. Sections with multiple radii can be formed in one piece and compound shapes involving both rolling and bending can be made into a single component. (such as: arches, roll bars, architectural shapes, train vestibule sections, pantographs etc.

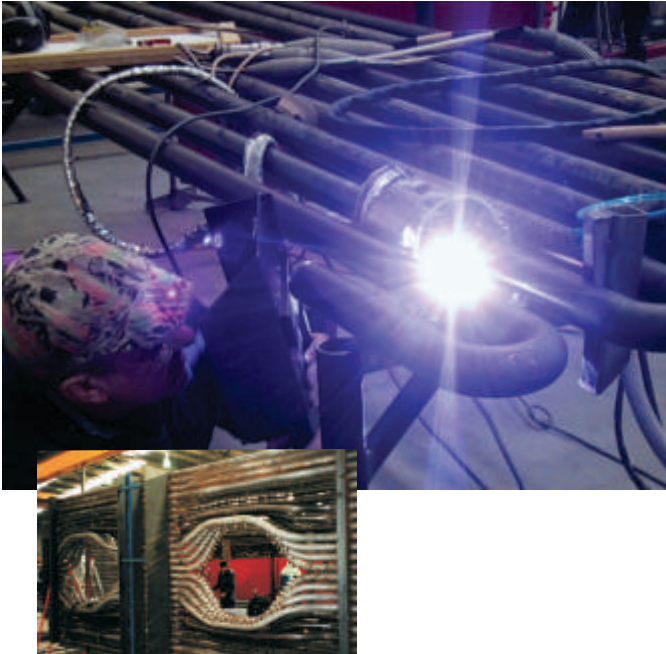
From intricately small to huge components, our rolling plant offers a unique capability in size, capacity and format.

UNEK ROLLING CAPABILITIES

- Complex geographical forms
- Helical, spiral pancake and serpentine coils
- Multi radii sections can be formed into one piece
- Rolling and bending combination components
- Extrusion rolling
- Flat and angle rolling
- Pipe and tube rolling
- Structural and complex sections



Whilst our welding facilities are primarily for project fabrication, Uneek have a capacity to handle a variety of specialised metal welding applications. Uneek Bending Co's fabrication experience spans a wide range. We machine, bend, assemble and weld mild steel, chrome moly steel, stainless steels, duplex stainless steels, high alloy steels such as inconels and hastalloys, non-ferrous materials such as aluminium, copper, cupro nickel, brass, monel and titanium.



CAPABILITIES

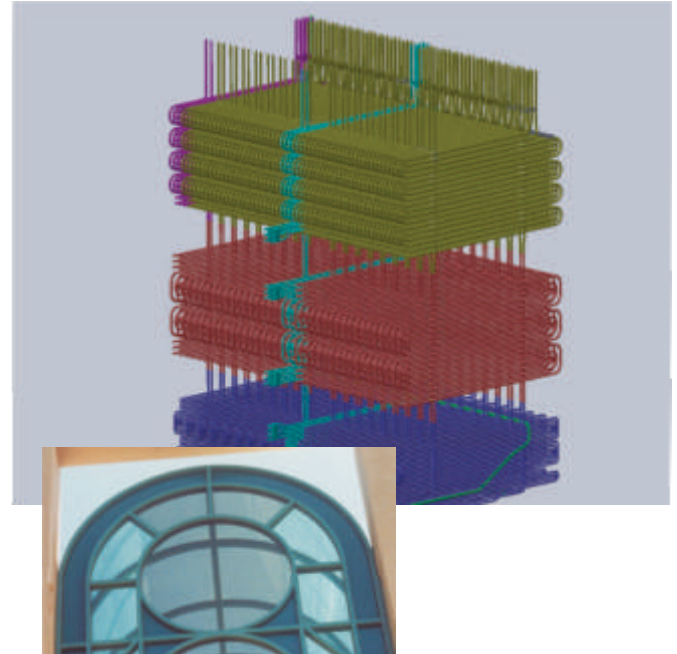
Shielded metal arc welding (SMAW). Gas tungsten arc welding (GTAW). Gas metal arc welding (GMAW) - MIG. Flux-cored arc welding (FCAW). Submerged arc welding (SAW). Electroslag welding (ESW)

The Uneek welding operators are all fully qualified specialists with a wealth of experience on a wide variety of in-house or field projects.

Uneek bending is quality accredited to ISO 9001:2000. We provide full QA/QC documentation on products including inspection and test plans (TP), material certificates, non-destructive test reports such as radiography, ultrasonic, magnetic particle and liquid penetrant testing. We maintain the highest level of product quality by adhering to strict manufacturing standards and constantly upgrading and improving them. We manufacture to national codes AS4458/AS1228, AS1210, S4041 plus international codes ASME and BS.



When you know what you want to achieve, our professional design team can work with you to create the right solution and turn it into a practical, working project. We have a vast experience in interpreting customer needs and coming up with solutions to complex requirements and streamlining the complete process from design to delivery. From the smallest component to total design and project management, Uneek will deliver on time and on budget.



CUSTOM DESIGN

Our skilled and highly experienced designers utilise the latest professional 2D AutoCAD and 3D Solidworks to work with you to bring your concepts to fruition.

- **Professional CAD Design**
- **Engineering Expertise**
- **Complete Project management**

COMPLETE PROJECT MANAGEMENT

Uneek offer customers a complete professional design to production service. Simply tell us what you want or supply sketches or templates and we will take the whole project through to delivery. Working to stringent quality control and client approval disciplines, you will achieve the result you require.



ROLLING, BENDING & WELDING ENGINEERS

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Certifications applied for;
expected compliance 2019
Aerospace: AS 9100D
Data Security: ISO 27001/2:2013
Employment Screening: AS 4811:2006

