

# BENDING SOLUTIONS

Let our ingenuity match your creativity



# Versatility. Precision. Excellence.

## About Embelton Bending

Embelton Metal Fabrication and Bending has provided specialist metal alloy Fabrication and Bending solutions for over 50 years. Our versatile Bending skills and equipment, coupled with our reputation for quality and excellence, allow us to offer an exceptionally wide range of Bending solutions, ensuring even the most complex designs can be converted into reality.

With our ongoing commitment to the delivery of value-add services, Embelton Metal Fabrication and Bending continues to set industry benchmarks in quality and service standards.

## Our Commitment to Quality

At Embelton, we have taken great care to cultivate a reputation for quality. Our workmanship is not only produced by some of the most experienced craftsmen in the industry, it is always delivered in accordance with rigorous Quality Control specifications and delivery schedules. This commitment to quality control, workmanship and timeliness, combined with our years of experience, gives clients a guarantee of precision and quality.

## The Embelton Bending Advantage

### Accurate Dimensional Control

Hot and cold sand-filled bending to 150mm diameter allows tight radii with negligible cross-sectional deformation or collapse.

### Maximum Length Without Joins

Unique to Embelton, sandfill facilities to six metres continuous length combined with our bending equipment ensures fewer joins and minimal material wastage.

### Complex Shapes

Highly qualified staff working with specialised equipment can produce lyrebird expansion bends and similar small radius configurations.

**Cover:** The Travellers, Melbourne Southbank  
**Below:** Transport Bar, Melbourne



Synchrotron, Melbourne



Hastelloy Helicoils

## Our Bending Solutions

Our skilled team continually strives to exceed client expectations with a comprehensive range of metal Bending solutions. 3D modelling and design, coupled with versatile skills and equipment, ensure that the most complex designs can be converted into reality.

### Bending

- > Tube & Pipe Bending
- > Long Radius Bends
- > Tight Radius Bends
- > Aluminium Extrusion Bending
- > Radial Curving & Coiling
- > Boiler Tube Bends
- > Hot & Cold Hydraulic Operation
- > Rectangular Hollow Section
- > Square Hollow Section

### Rolling

- > Pipe & Tube Rolling
- > Structural Section
- > Hollow Section
- > Angle Rolling (Toe In, Toe Out)
- > Flat Rolling (Flat on Flat, Flat on Edge)

### Coppersmithing

## Industrial Applications

Embelton Metal Fabrication and Bending has long undertaken stainless steel and alloy pipe bending for industrial applications.

### Solutions for

- > Water
- > Oil & Gas
- > Chemicals
- > Dairy Products
- > Pneumatic Processing

### Materials

- > Stainless Steel specialisation, including duplex materials
- > High Nickel Alloys
- > Copper and Brass
- > Aluminium
- > Titanium
- > Black and Galvanized Carbon Steels



## Related Products from Embelton

Embelton manufactures a range of high quality and cost competitive metal products and solutions for commercial and government needs. We also perform metal fabrication and bending services to specification. Visit our website for further information, including examples of our work.

- > Bike Racks
- > Handrails
- > Balustrading
- > Trolley Parking
- > Spiral Staircases
- > Street Furniture
- > Street Art
- > Tube & Pipe Bending
- > Metal Alloy Fabrication

# EMBELTON

METAL FABRICATION AND BENDING

[www.embeltonmetalfabrication.com.au](http://www.embeltonmetalfabrication.com.au)

## About the Embelton Group

Established in 1925 and publicly listed on the Australian Stock Exchange in 1957, the Embelton Group specialises in providing high quality timber flooring, noise and vibration isolation technology and metal alloy fabrication and bending solutions.

An award winning company, Embelton is widely recognised for both its superior products and excellent business practices, forging a reputation for quality, service and engineering innovation.



Coil Bike Racks, Brunswick, VIC

**Head Office - Victoria**  
147 - 149 Bakers Road  
Coburg VIC 3058  
T (03) 9353 4811 F (03) 9353 4855

**New South Wales**  
20 Fariola Street  
Silverwater NSW 2128  
T (02) 9748 3188 F (02) 9748 3122

**Queensland**  
46 Millway Street  
Kedron QLD 4031  
T (07) 3359 7100 F (07) 3350 3382

**Western Australia**  
37 Sundercombe Street  
Osborne Park WA 6017  
T (08) 9204 1300 F (08) 9204 1311