

metal bending and rolling since 1984

# Reliable Metal Bending

### Welcome to **Bendpro**

### Our commitment to you....

- Accuracy Guaranteed
- Quick response quotes
- F.I.S. freight inclusive pricing
- Short lead-times
- 25 + years of experience and tooling
- QA accredited to ISO9001: 2008

### Celebrating 25 years of reliable metal bending.

Servicing clients from all over Australia, the skilled Bendpro team strives to exceed its customers expectations. It does so through the delivery of one of the most comprehensive and reliable metal bending services in Australia. In more than 25 years of operation Bendpro has never forgotten the value of personalised service. Mt Ic **SPECIALISING IN BENDING: STAINLESS STEEL** 

MILD STEEL **ALUMINIUM** BRASS COPPER **EXOTIC ALLOYS** 





### **CNC Mandrel** Bending

Bendpro has an enormous range of Mandrel Bending machinery and tooling that has been accumulating since it commenced operations in 1984.



CNC Mandrel Bending is a highly specialised pipe bending process which gives the ability to produce tight radius bends with NO wrinkles or deformation.

Our commitment to staying at the cutting edge of bending technology has seen the recent acquisition of two-stack Mandrel bending capabilities. This gives you access to compound bending (bend on bend) and dual radius technology.

The Mandrel bend is used in many different applications such as hand-railings, playground equipment, hydraulic tubing, motor body building, medical products and also in industrial applications like safety railings, conveyor guard surrounds and signage.





### Large Bore Pipe Bending

Bendpro can now offer cold-form and induction bending of pipe up to 8".

### **Tooling List**

To assist with you design work visit www.bendpro.com.au and request our up to date tooling list.

Dual

# CNC 2 Axis Rolling

Our 2-Axis rolling machine affords you the ability to create more sophisticated and complex curved metal components in high volumes while still benefitting from unrivalled value for money.

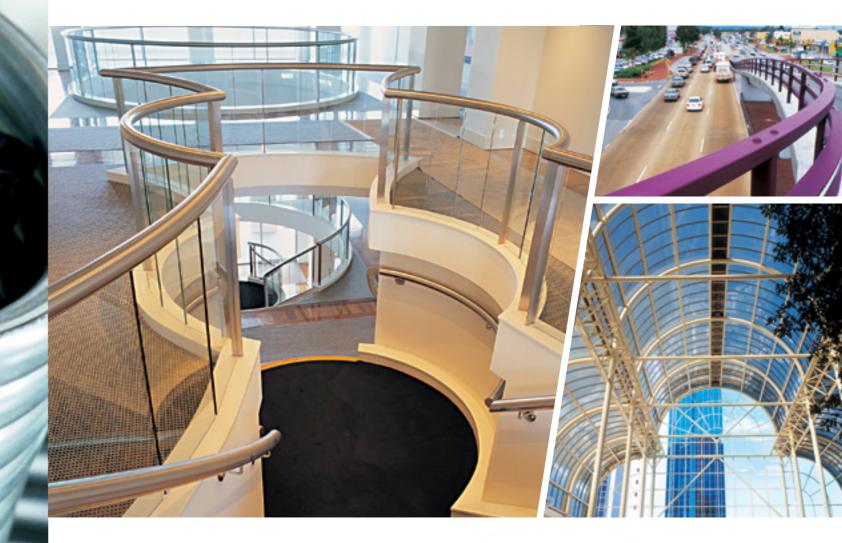
> Achieving the same stylish results on a manual machine can take up to 10 times longer than this highly specialised CNC rolling equipment. Multiple curved metal bends, high volume and low cost - three very good reasons to partner with Bendpro.

> > 2-Axis rolling is commonly used in architectural balustrading, modern curved playground equipment, upmarket fencing and security grills.





Bendpro's successful Section Rolling Division can efficiently manage your project requirements for the rolling of standard structural shapes in Pipe, SHS, Angle, Flat and other sections.



Bendpro also rolls all the common tube sizes in mild and stainless steel as well as a range of specialised aluminium extrusions.

These can be rolled into simple circles, complex curves, spirals and ellipses or combined with bending into more intricate geometric shapes.

Rolling can be performed to drawings, templates or samples.



## **Notching, Forming** and **Swaging**

End-forming of pipes and tubes to create a range of joint options is yet another way Bendpro adds value for it's customers

### **Solid Bar** Bending

The large range of machinery, tooling and experience that Bendpro has invested in means we can offer efficient solutions for cold bending an extensive range of solid flats and rounds.



#### Notching

Tooling is available for all common sizes of pipe and tube up to 3"/65NB. These materials can be notched square to the end or at an angle of up to  $60^{\circ}$  to suit your application.

#### Forming

The forming of hollow sections in die-sets (example top right) can be arranged as needed. Press tooling is designed and produced to suit your requirements.

#### Swaging

Pipe and tube can be swaged up and down to create a male/female joint that can be used to advantage in kit form assemblies.

#### Flat Bar

We have the capability to bend flat on edge (top right), flat on flat (bottom left) in a large range of radii. If we don't have tooling to meet your specific requirements on the shelf we can organise to produce it very quickly and efficiently.

#### Round Bar

Cold form bending of round bar from 6mm to 60mm in diameter is made easy by Bendpro. Talk to us about your requirements! Tight radius? Large radius? We have the answers.

# Ready to Fab Pipe Kits

We make your life easier by combining our metal processing abilities and material buying power, to deliver cost effective, ready to fabricate pipe kits direct to your door.



### Bendpro provides the link, from **CONCEPT TO KIT!**

- Deal with one supplier for all your specialised processing (including laser cut components)
- Save time and money by reducing the number of joins/fabrication time
- Open doors to new business opportunities
- We can supply a marked up plan to ensure ease of assembly

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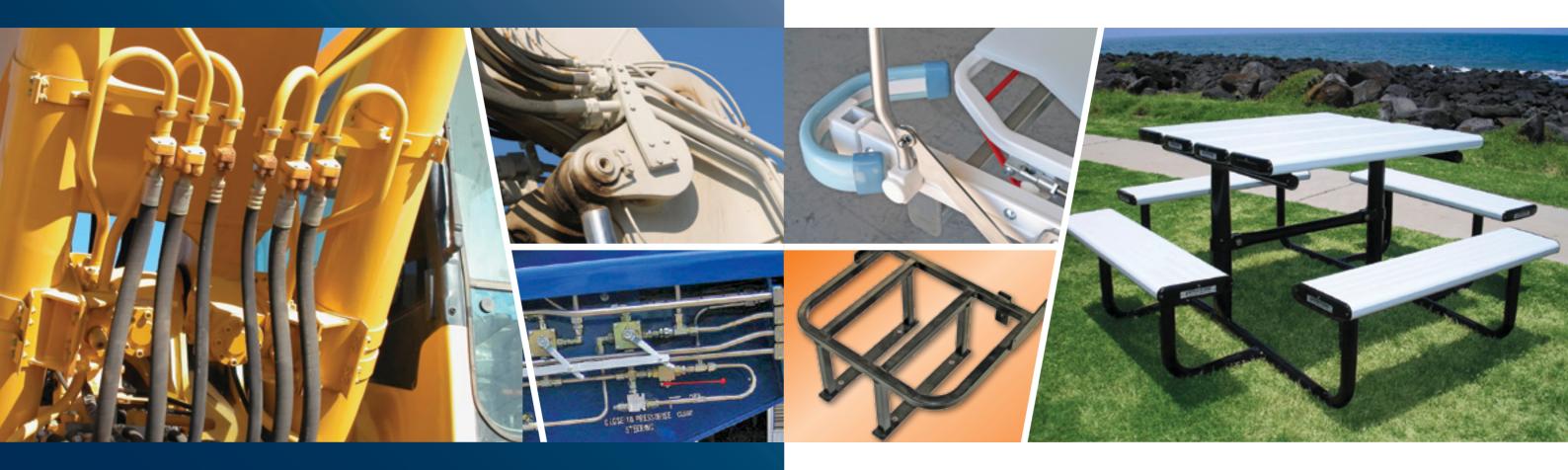


## Hydraulic Tubing

Whether it be agricultural, earth moving or transport equipment, we deliver ready to install hydraulic tubing to meet all your product applications.

## Tubular Componentry

Bendpro delivers quality metal componentry to mid to high volume OEM's across a diverse range of industries in Australia.



To further enhance our bending services, Bendpro has now invested in new auto machinery to produce industry standard  $37^{\circ}$  flares on tube sizes from  $3/8^{"}$  to  $1 1/2^{"}$  diameter, as well as presetting of metric cutting rings on 6 to 38mn tube.

Bendpro can fulfill your hydraulic application needs with cost effective ready to install piping kits, tailored to suit your product requirements.

An extensive range of auto-sawing, deburring, drilling/ punching, laser cutting, auto machining & welding equipment is utilised to deliver a comprehensive fabrication service.

Bendpro has strong working partnerships with galvanising, zinc plating and powder coating professionals, enabling it to deliver finished products as required and on time.





### www.bendpro.com.au

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