



# autobend

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[www.autobend.co.nz](http://www.autobend.co.nz)

Laser Cutting

CNC Folding

Waterjet Cutting

Edge Rounding

Mandrel Bending

Roll Forming

Fabrication

CAD / 3D Design

Exhausts

# FL170 Tube Laser

The Fibre Laser for fast and versatile applications



Concentrated technology: The cutting system combines the unique benefits of fiber laser technology with the versatility of 3D cutting. We cut steel, stainless steel, aluminum, and non-ferrous metals in diameters from 12.7 up to 168.3mm for a wide range of applications and industries.

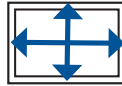
- Bundle loading of up to 8m lengths for efficient material handling.
- Bevels and angle cuts of up to 45 degrees, in addition to straight cut edges
- This versatility eliminates the need for costly milling, drilling, punching, or sawing processes.



## Profiles / Length



**Round**  
Min: 12.7mm  
Max: 168.3mm (150NB)



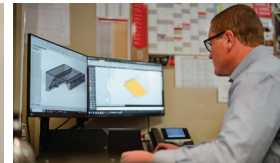
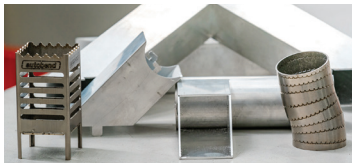
**Rectangle**  
Min: Side 15mm  
Max: 150 x 100mm



**Square**  
Min: 12.7mm x 12.7mm  
Max: 140mm x 140mm

**Load Length:** Max length is 8 metres  
**Cut Length:** Max cut length is 4 metres

**Plus more options - call or email to discuss**



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## Flat Bed Laser Cutting

State of the art laser cutting technology, for cutting mild steel, stainless, aluminum and other non-ferrous materials. We have all the bases covered allowing us to produce a cost effective high quality finish.



## Folding

Our Bystronic CNC press brakes use the same software suite as our Laser cutters to ensure all parts produced are cut, then folded to your exact specifications. Hydraulic clamping for both upper and lower tooling reduces set up times, while the CNC software eliminates operator error and the need for extra set-up material / parts.



## Mandrel Tube bending

Autobend have the largest range of bend tool sets in NZ to suit EWS tube, pipe and SHS — from tight (1D) to large centre line radii. Our experienced staff operate 7 rotary draw benders from 3mm up to 101.6mm OD.



**autobend**

- CAD and product development
- Tube scanning and reverse engineering
- 3D tube laser cutting
- Flatbed laser cutting
- CNC press brake folding
- Edge rounding
- Rivet nut insets
- NC cold saw cutting
- 5-Axis waterjet cutting
- CNC mandrel tube bending
- Sectional rolling
- Tube end forming
- Drill / tap / countersinking
- Light engineering
- Certified MIG and TIG welding



Click to play  
FL170 Tube Laser  
Video



Click to play  
DM1600C edge  
rounder video

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