



Spiral & Helical Bending

Working across many sectors, our Spiral Bending services at Angle Ring have been used on projects across the globe.

Typically used for plate and flat bar on spiralled staircases, we have developed our service offering to accurately bend heavy plate and structural sections into 3D shapes or helical profiles for architectural structures and feature steelwork on a wide variety of major structural projects.

We can offer spiralled flat bar on edge for handrail of infill sections on staircases, through to strengthened stringers or fabricated hollow sections.

Architectural drawings, no matter how complex, can be sent to us to work from in a variety of formats. Please get in touch so we can assist in the specifying of your spiral bending project.



Types of profile we can bend:

- Plate
- Tube
- Sections
- Solid Bar
- Flat Bar
- Channels
- Beams

Our largest machines can bend up to these maximum capacities:

- Channels up to 430×100 PFC
- RHS up to 300×100
- Beams to 406×140
- Plate to 200mm thick
- Tubes up to 914Ø
- Fabricated RHS up to 430x200mm

Spiral & Helical Bending is a suitable process for the following market sectors:

- Architectural & Construction
- Civils
- Defence
- Energy
- Industrial
- Manufacturing
- Offshore