

Barnshaws Redcar Vertical Pier Project

Submitted by: Barnshaw Section Benders

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Barnshaws Metal Bending was approached by Metafab Solutions to get involved in the Redcar vertical pier project. Barnshaws tube bending project involved us curving hundreds of metres of CHS to 30 different radii.

The radii needed to be formed to particularly tight tolerances in order to fit together to produce a spiral effect. 118 gold, silver and purple curved aluminium panels were fixed to the Redcar vertical pier. This creates the effect of three brightly coloured ribbons wrapping around the entire structure. The Vertical Pier has a stunning design; which from both inside and out gives the impression that the building unwraps as it reaches skyward.

The Vertical Pier is 80ft tall and costs in total of £1.6m, including grant funding from regional development agency, One North East and the European Regional Development Fund.

For more information on the bending go to www.barnshaws.com

For more information on the construction go to www.metafabs.com

To view a video of the seafront visit: <http://bit.ly/rpHOv3>

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Note to editors

Established in 1969, Barnshaw Section Benders are based at six manufacturing sites around the UK, located in the West Midlands, Manchester and Hamilton, Scotland. Across these sites over 120 specialist machines are housed, and have provided metal bending services for some of the country's largest projects, including shopping centres, football stadiums, airports, and most recently the Olympics. All types of bending services are offered including plate bending, steel curving, aluminium bending (<http://www.barnshaws.com/aluminium-bending.php>), pipe and tube bending. Also available is profile cutting, tube rolling and laser cutting services.

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