Introduction
Background

- Founded in 1954 by Mr. Arthur Bowers and Mr. Doug Jones in Wednesfield, Wolverhampton, UK.
- Making high precision forming rolls for tube, section and copper rod manufacturers.
- Part of Schmidt + Clemens group from 1997 to 2016
- Bowers & Jones moved to new modern premises in 2010
- Merging large rolls business from Germany with small and medium roles business in the UK.
- Circa Euro 2 million investment.
- Now part of Cable Capital Partners Ltd., private investors based in London.
UK Manufacturing Location

Hilton Cross Business Park
Featherstone
WV10 7QZ
Wolverhampton

Bowers & Jones
Rolls • Design + Manufacture

Birmingham
Manchester
Glasgow
Cardiff
Bristol
London
Equipment

- Approx. 2,000 m² factory area
- State of the art, high precision turning, milling and grinding machines.
- Continuous Investment in modern machinery.
- Latest addition 5m long 1m diameter heavy duty CNC Lathe.
- Capability to machine up to 1.3m diameter and 5m in length, max weight of 8 Tonnes
- 1 shift operation with approx. 40 employees
Our Products and Services

Roll Tooling

Mill Projects & Equipment

Engineering Services

Design and Consultancy Services
Roll Tooling – Enhance Life in Service

- The roll design, quality of the materials and methods of manufacture are critical to the life span of the roll.
- For the relatively small cost of a good quality roll, you will save time and money in reduced re-profiling costs, replacement costs and lost production due to change overs by buying from Bowers & Jones.

Bowers & Jones products last on average much longer

Our Competitors Tool Life

Bowers & Jones Tool Life

Chemical Composition of Material  Tool Steel Quality  Heat Treatment  Surface Condition  Tool Design
Roll Tooling

Roll Tooling for,

- Welded Tube mills
- Cold rolled section mills
- Hollow sections mills
- Copper Rod mills
- Medium Section Mills
- Cold Straightening of Bar, Tube, Section and Rail

- A combination of high quality material selection along with strict Heat Treatment parameters with our design knowledge and expertise means our roll tooling lasts on average 30%-50%* longer than our competitors and in some cases 2-3 times longer.
- Our rolls offer high wear resistance combined with high toughness.
- Our vast range of equipment means we can cater for almost all types of rolls for cold rolling applications, copper rod manufacture and steel and aluminium extrusion.

*Bowers & Jones rolls offer the customer more metres of product per roll giving a reduced service life cost

* Depending on the application and operating parameters
Mill Projects

Our design expertise and industry experience combined with our manufacturing capability means we can design, build and install full mill projects.

£1.2m (£1.6m) Project completed in 2013
For making stainless steel heating cable.

£1.8m (£2.3m) Project completed in 2014
For making Copper Electrical cable.
Mill Equipment

As well as full rolling mills we also offer a range of bespoke mill parts for your mills, including:

- Roll Strip Flatteners
- Turk’s Head Roll Units
- Section Forming Solutions
- De-Twist Units
- Raft Assembly

- Cut-off and die sets
- Pinch Roll Units
- Entry Tables
- Weld Box Sets
- Individual Rolls Stands
Design and Consultancy Services

- Full 2D & 3D design capabilities
- FEA Simulation software program
- Feasibility Studies and full roll design service.
- Benefits to the customer are reduction in commissioning time and costs.
- Full confidence in the product performance
- Projects cost are accurate and with minimum or zero contingency costs.
Benefits

• Lower in life cost due to high quality products.
  – More metres of tube or section per roll.
  – Lowers down time and maintenance costs.

• Highly skilled and experienced team of engineers and designers
  – Support and advice to solve manufacturing problems
  – Provide training on tooling and mill alignment
  – Simulation used to build confidence in design during prototype phase
  – Can incorporate customers ideas into our designs

• Bespoke design solutions tailored to your needs

• R&D support for product performance investigations.
  – Metallurgical / mechanical / heat treatment / testing

• Continued support for maintenance and refurbishments
For more information visit our website

www.bowersjones.co.uk