



Guide to Products and Engineering Services Cooke Brothers Ltd



Guide to Products and Engineering Services



1930's Annual company outing – outside Ashford Street, Aston, Birmingham premises.

Phoenix 1872, the company Group name, is taken from its main product brand and founding year. Cooke Brothers manufacturing is still based in the West Midlands, where it was founded, and continues to offer high quality products, flexible manufacturing facilities, competitive prices and exceptional service.

Company History

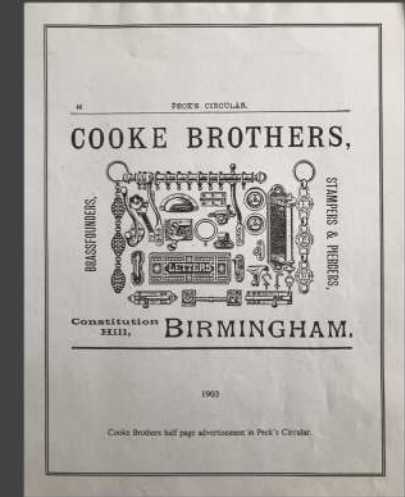
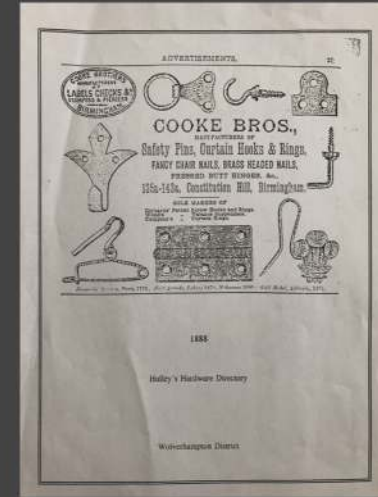
Cooke Brothers was established in 1872 when the sons of a Lancastrian cotton producer began manufacturing brass cabinet fittings in the Jewellery Quarter of Birmingham. Today, nearly 150 years later, Cooke Brothers is run by 4th and 5th generations of the Cooke family, in a modern UK based manufacturing facility. The business continues to innovate and lead with British made specialist hinges and ironmongery, as well as wider production capabilities and world sourced products.

The Phoenix Brand

The Phoenix brand was established over 100 years ago, when many of the products were cast from molten metal in open furnaces. So, the Phoenix, the bird from ancient mythology, famous for continually re-creating itself from the embers of the fire, seemed especially appropriate, and became our evolution brand.

Phoenix today

The Phoenix brand is stronger today than it has ever been. With a product portfolio that is ever growing and diversifying, Phoenix products remain a core part of the company's activities with new products coming to market, year on year.



Adverts from the 1880's and early 1900's

From Phoenix brand through to specialist pressings and sheet metal products

We manufacture components for a broad range of sectors. From pressed metal components for leading automotive manufacturers, including white goods and components for electrical equipment manufacturers, to products for numerous engineering, architectural and construction companies.

Whatever your requirements, be they stock products, Phoenix branded products, bespoke architectural hardware, or complete special pressed metal components, Cooke Brothers can assist.





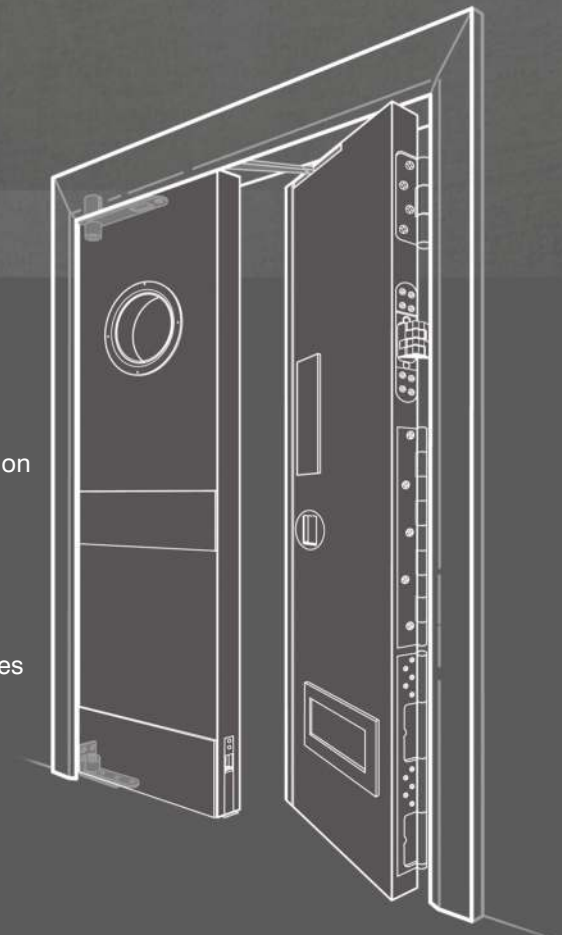
Architectural Hardware

A rapidly expanding part of the Phoenix product range, architectural hardware now covers: signage, access, safety, security and door protection.

Phoenix Architectural Hinges & Hardware

Whether as our own Phoenix brand products or bespoke made and branded for our customers, as leading UK manufacturers, Cooke Brothers is internationally known for its high performance architectural products. With an upcoming century and a half of hinge manufacturing technology, we have an architectural hinge for every application. For more information visit www.phoenix-architectural-hinges.co.uk

- Door Selectors
- Vision Panels
- Door Edge Protection
- Flush Pulls
- Push & Kick Plates
- Inset Handles
- Letter Plates & Tidies
- Flush Bolts
- Pivot Sets



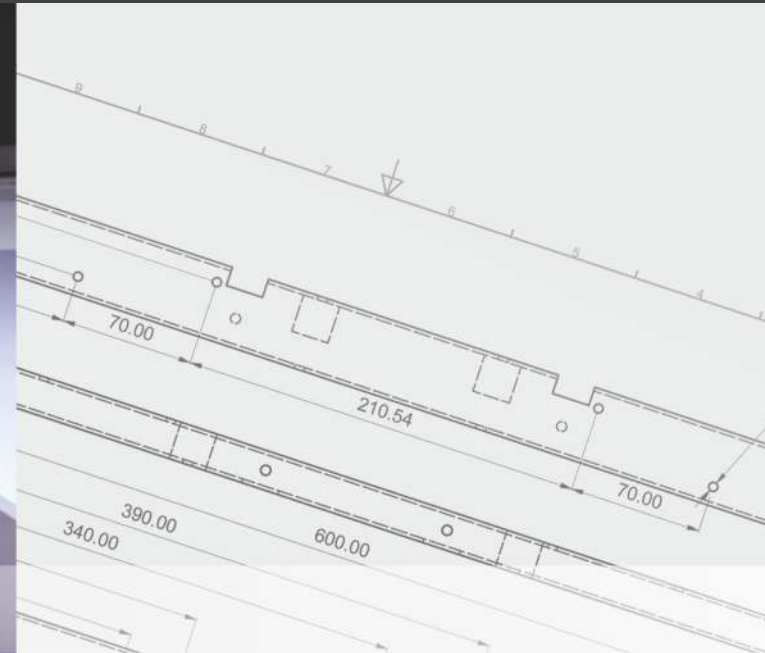


Phoenix Continuous Hinge and Variants

The Phoenix continuous hinge range is one of the most comprehensive in the marketplace, ranging from 0.7 mm thick for light cabinet use, to 5 mm heavy duty hinges for blast proof doors. Also regularly used in architectural security door sets.

In addition to a wide range held in stock for rapid delivery, continuous hinges can be readily adapted to special designs for bespoke requirements.





Product Design & Development

Prior to the manufacturing stage, whether a Phoenix brand product, variant, or a complete customer special, all products are fully drawn up and documented on the latest CAD systems.

Our development engineers work directly with our customers to develop concepts and prototypes, which in turn become full working products.

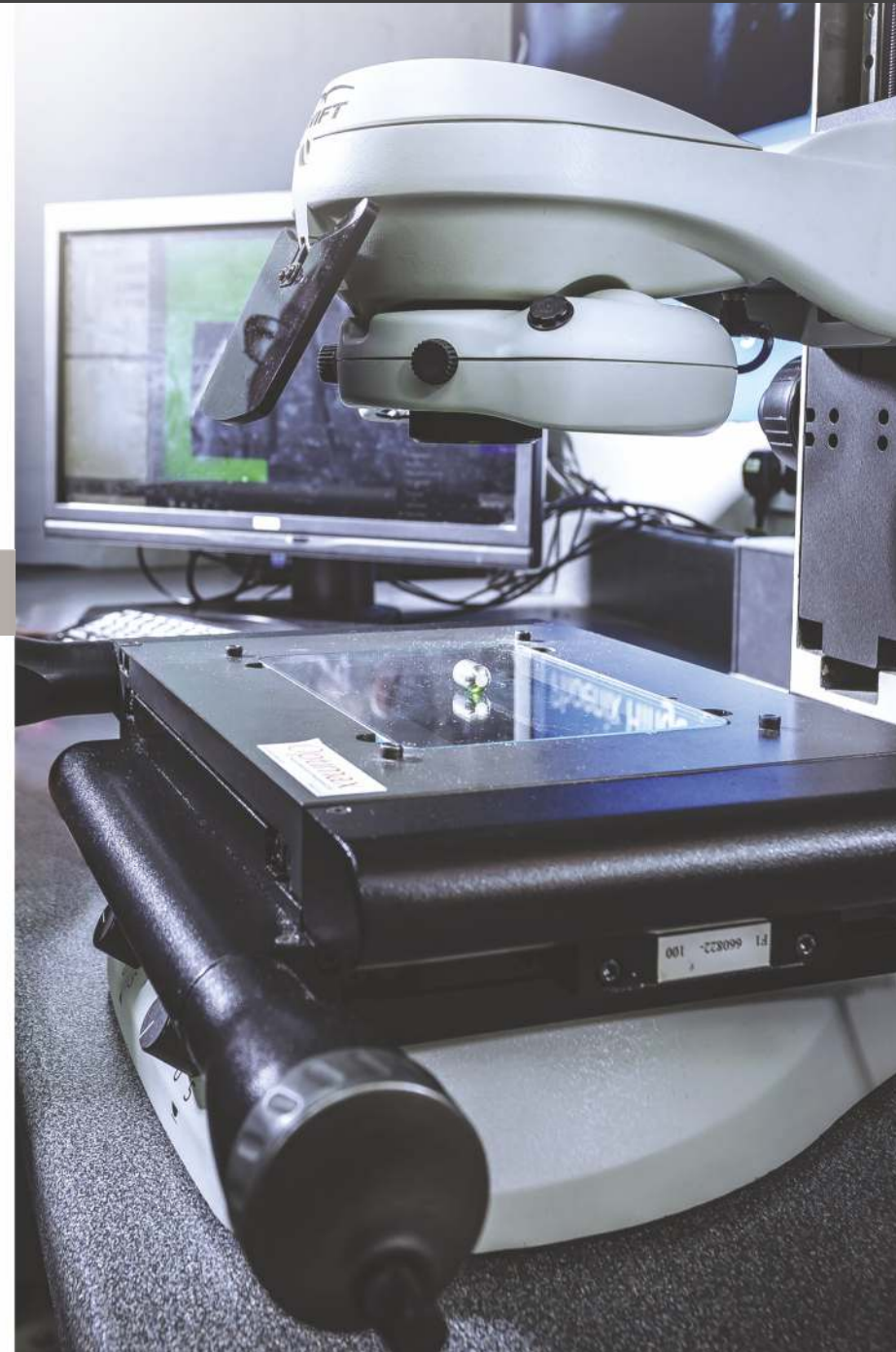
Quality Assurance

From start to finish, all processes and procedures are part of the Cooke Brothers integrated management system, incorporating ISO 9001 Quality management systems and Investors in People certificated accreditations. Additionally many products are CE or equivalent certificated, with the company being Sedex SMETA audited to ensure the highest levels of ethical trading.

Our procedures and processes have been implemented to ensure that from initial enquiry stage right through to order entry, manufacture, product finishing and final dispatch, we exceed all our customers' expectations.

Flagship hinge ranges supplied by Cooke Brothers are all CE marked, totally maintenance free and are Certifire approved.

We continually monitor quality systems through regular internal and external audits with BSI and have an ongoing commitment to Quality Assurance. Typical of our policy of continuous improvement is the use of the latest in Romer scanning arm and Vision Swift inspection and precision measurement equipment.







Manufacturing Capabilities

Our production facilities meet the diverse needs of our customers' requirements, with most of our products being produced from coiled strip, allowing for rapid production rates and even keener product pricing. Our CNC production presses operate up to 250 tonnes pressing capacity, and with electronic feeds, can deliver fast set-ups, rapid product availability, whilst meeting repeatable quality standards.







Bespoke Products and Services

In-house laser cutting and punching capabilities allows Cooke Brothers to provide its customers with a comprehensive and flexible service, which includes:

- Small one-off production batches, including single product prototyping
- Minimal, and often zero, tooling costs
- Rapid design changes
- Low cost and low 'single piece' prices
- Express delivery

Our combination of high and low volume production capabilities mean we can competitively and confidently meet your bespoke product demands. We have modern secondary operation presses with 100 tonnes capacity, ideal for lower volume production of complex shapes. With ancillary equipment for riveting, drilling, welding, tapping, finishing and folding, Cooke Brothers are a perfect partner to produce your fully finished components.

Product Testing

The Cooke Brothers comprehensively equipped product testing laboratory operates 24 hours a day, 365 days a year, with the primary objective of ensuring all products supplied meet stringent quality and durability controls.

We offer:

- Testing to National and International standards
- Testing architectural and continuous hinges to EN 1935
- Accelerated corrosion testing of finishes to EN 1670
- Mechanical testing for product overload and endurance
- Comparisons and compliance of products from third parties requiring independent test certification





Tooling Services

Phoenix 1872 group tooling subsidiary, Phoenix Tooling & Development, has a first class reputation with the UK and European leading OEMs for specialist subcontract tooling services. Capability extends to progression tooling of over 3 metres in length and over 500 tonnes pressing capacity. Being a partner company alongside Cooke Brothers ensures all these services are available to our customers.

Phoenix Tooling & Development can offer the following special skills and capabilities:

- Design and prototyping
- Single or multi stage press tooling
- CNC machining
- Knowledge of numerous specialist industries

See www.phoenixtooling.co.uk for more details.





Subassemblies and Finishing

Whether as single components, or built up in to subassemblies or finished products, all products are given high attention to detail from start to finish. A wide range of fastening techniques ensures that this service is of particular benefit to customers looking to minimise later processing work.

Cooke Brothers provides an exceptional level of finish on all its products. We offer a range of finishes, including: plated, coated, polished, and powder based. Additions include anti-bacterial coatings, PVD, and gold plating for architectural ironmongery. We also offer 500 to 1,000 hour accelerated corrosion tested finishes for automotive products, with all finishes supplied certified upon request.



Warehousing & Despatch

Cooke Brothers offers:

- Thousands of stock product lines
- Next day delivery service
- Call-off, or Kanban (returnable and recyclable container) supplies
- Bulk, standard, or presentation packaging
- Local, national and international shipments
- Specialist 'Cooke Brothers' delivery fleet





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