

UK STEEL SITES & STATISTICS

**UK
Steel**

2018

2ND EDITION

Introduction

This is the second edition of our Sites & Statistics booklet, providing an overview of UK Steel member sites in the UK, the huge range of products made and the value chains they feed into. This revision follows a period of significant flux and fragmentation for the sector, with changes in ownership and capacity and the emergence of bold new plans for the sector. It is but a snapshot of a highly developed and modern steel industry that is fully focused on creating a positive future, not just for steel, but for all UK industry.

Steel: the foundation of a modern industrial economy

Perhaps because steel is so ubiquitous and ingrained in modern society, we can sometimes forget its enduring importance in so much of what we do; but we must remind ourselves that without steel you simply cannot have a modern economy. It is in the cars we drive, the buildings we live and work in, the wires and pipes that bring us our energy, and the household appliances that we use every day.

As such, steel is a vital foundation sector sitting at the base of a huge number of high value industrial sectors such as automotive, construction, energy, aerospace, yellow goods and others. These sectors do not sit in isolation but instead within a complex ecosystem of interdependent and overlapping supply chains.

Their true or potential value to the national economy does not finish at its headline GVA but extends to the goods and services it purchases from other economic sectors in the UK. Through a process of re-shaping and re-shoring supply chains, the UK steel sector therefore has a vitally important role to play in the Government's industrial strategy and the rebalancing the UK economy.

The importance of place

The sector directly employs over 31,000 people in well-paid and skilled jobs in areas of high socio-economic deprivation, such as Wales and the Yorkshire and Humber region, with many more supported in the supply chain and the wider economy. And with the average steel wage, of £36,000, sitting almost 50% higher than the average in these regions, these jobs are high-value and critically important in supporting local economies. Above all else, the industry remains committed to driving local economic growth and to grow the number of trainees, apprentices and graduates supported by the sector.

Future demand for steel in the UK

Steel demand in the UK continues to grow. Even in a highly developed, service led economy like the UK's, steel consumption and economic growth are still integrally linked. The Government's 2017 study into the 'Future capacities and capabilities of the UK steel industry' identified a huge, and growing, £6.0 billion annual demand for steel products in the UK by 2030 up from £3.8 billion today. This represents a massive opportunity for UK steel producers, their supply chain partners and the wider economy as we seek to reshore and shorten supply chains and boost local content and economic growth.

Delivering world class innovation

The steel industry is committed to proactive R&D investment to support the Industrial Strategy with the objective of developing a world class capability which will, in turn, support the UK manufacturing base. The sector can already demonstrate world class examples of UK steel leading the innovation challenge, with its collaborative links with academia, research and technology organisations and customers. This approach will accelerate through its integration into the UK Industrial Strategy.

A broad offering

Steel covers a wide range of grades, with strategic customers demanding far more than just the lowest price. Quality costs/benefits of products, environmental performance, delivery costs and performance and value added services are just a few examples of what UK Steel members can offer, throughout their value chains.

A future vision

Seizing the future market opportunities and playing our full role in the UK's Industrial Strategy requires a bold vision for the future and it is one we will not shy away from. The UK Steel sector aims to be a leader in steel productivity and innovation, working in partnership with our customers and the full value chain to develop advanced steel products and services for our customers to the benefit of both society and the wider economy. Steel products of the future must not only be made in as environmentally friendly manner as possible, but they themselves must be a part of the wider solution to our transition to a low carbon, circular, economy; our sector will be at the forefront of meeting this challenge. UK steel invest in the long term, in our facilities, our R&D, and the training and skills of our people. In doing so, UK steel producers will become the hall-mark of quality and innovation, positioning the sector to capture more of growing markets both at home and overseas.

BRITISH STEEL



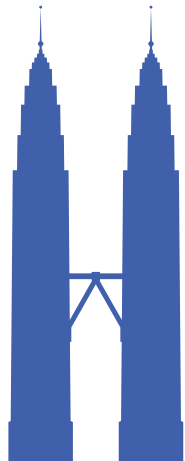
Workforce: 3,250 Scunthorpe, 420 Teesside Beam Mill & Service Centre, 320 Special Profiles (Skinningrove).

Output: Around 3 million tonnes per year

Production type: Integrated steelworks, Basic Oxygen Steelmaking (BOS)

Products: 1,450+ different specifications of steel, including wire rod, sections, special profiles & rail

What's it used for? Our steel is used in a wide range of applications, including rail, construction, automotive, engineering, earth moving, mining & many more.



Steel from British Steel can be found in buildings such as The Olympic Stadium, The Shard and the Petronas Towers in Kuala Lumpur



96% of Network Rail's steel rail is sourced from Scunthorpe



British Steel's products are used by JCB & Caterpillar in the manufacture of their construction, agricultural & mining machinery

- British Steel has 35 locations across the globe including an extensive network of service & distribution centres throughout the UK & Ireland.
- 180 graduates, trainees and apprentices across our sites
- Key customers include Network Rail, JCB, Caterpillar, SNCF
- Work with key customers in the rail, construction, yellow goods & automotive sectors to deliver better product and service solutions; e.g. rails & mining consumables that last longer & lighter weight construction & automotive components.

British Steel, Brigg Road, Scunthorpe, North Lincolnshire, DN16 1BP
getintouch@britishsteel.co.uk, www.britishsteel.co.uk

CELSA



Workforce: 2,000 across the UK (including downstream fabrication facilities)

Capacity: 1.1+ million tonnes per year

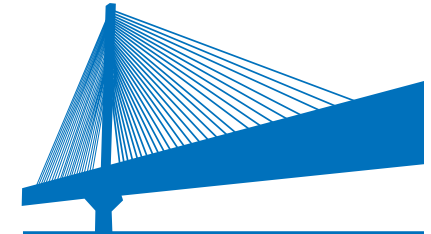
Production type: Electric Arc Furnace

Products: Steel Long Products – steel reinforcing bar, steel reinforcing bar in coil, wire rod, various merchant bars & light sections (flats, angles, channels, plain round bars)

What's it used for? Construction industry & general engineering



All products are made from 100% UK sourced material and have 98% recycled content



13,000 tonnes of steel used to build the Mersey Gateway Bridge

33,000 tonnes of rebar used to help build the Aberdeen Bypass.



250,000 tonnes of reinforcing steel will be provided to Hinkley Point Nuclear Power Station



- Steel regularly travels less than 500 miles from this site to the construction site
- In the last 5 years, CELSA has recycled over 6 million tonnes of scrap steel
- 10,000 tonnes of rebar supplied to London Bridge Station
- 8,000 tonnes of rebar used to build Heathrow Terminal 2.

Celsa Steel UK, Building 57, Castle Works, East Moors Road, Cardiff, CF24 5NN
queries@celsauk.com, www.celsauk.com

FORGEMASTERS

SHEFFIELD FORGEMASTERS
INTERNATIONAL 

Workforce: 640

Capacity: 40,000 tonnes per year

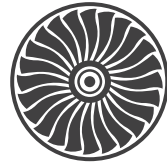
Production type: Electric Arc Furnace

Products: Forgings, castings, consultancy services & technology transfer, UKAS accredited laboratory testing

What's it used for? Defence industry, civil nuclear, power generation, pressure vessels, offshore oil and gas, steel processing sector.



Is the world leader in the supply of steel castings and forgings for Offshore Oil and Gas applications



Has a notable heritage in the manufacture of rotor forgings for steam turbine generator units

Has a long history, over 200 years, of supplying forged and cast mechanical equipment for Navies around the world



- Sheffield Forgemasters research and development business (RD26) offers a range of services including complex modelling of steel behaviour from liquid steel, deformation, heat treatment and property prediction as well as characterisation
- Offers innovative solutions and bespoke products to its customers by working with them on product design and characteristics to most precisely meet their needs.

Sheffield Forgemasters International Ltd, Brightside Lane, Sheffield S9 2RW
sales@sfel.com, www.sheffieldforgemasters.com

LIBERTY STEEL

 LIBERTY
STEEL

Workforce: 2,100 (incl. 72 apprentices) across 4 facilities.

Capacity: 212,000 tonnes per year

Products: Specialist manufacturers of high end alloys, stainless & carbon steels .

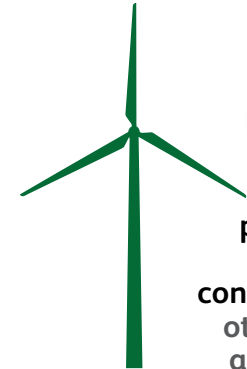
What's it used for? Aerospace, oil & gas, industrial engineering, automotive, narrow strip, & engineering bar.



Liberty Speciality Steels can be found on every Boeing and Airbus civil aircraft in production today



Liberty Speciality Steels is used throughout the oil and gas extraction industry for components where strength, toughness and resistance to fatigue and corrosion are paramount



Liberty Speciality Steels are used in bearings in renewable power, paper mills, material conveying and other critical applications

- Recent investments of more than £20 million include two Vacuum Arc Remelting (VAR) furnaces and a Vacuum Induction Melting (VIM) facility to meet the needs of the most demanding market sectors
- Dedicated service centres in the UK, China and India offer the ability to service our customers' supply chains with bespoke combinations of added value processing and just-in-time delivery.

Liberty Speciality Steels, Stocksbridge, Sheffield S36 2JA
contactus@specialityuk.com, www.libertyhousegroup.com

OUTOKUMPU



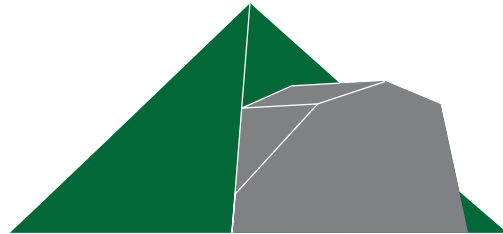
Workforce: 570

Capacity: 350,000+ Tonnes per year

Production type: Electric Arc Furnace

Products: 100's of different specifications of steel for a large variety of product industry sectors

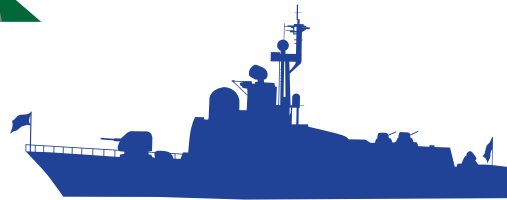
What's it used for? Aerospace, automotive, construction, energy & power, packaging, domestic appliances & many more.



The manufacture and supply of **stainless steel**, which contributed to the **250,000** pint mugs on offer at last year's **Glastonbury Festival**



Outokumpu stainless steels are designed to meet the special requirements for home appliances



Outokumpu steel is used in the construction of **submarines** & many types of other seafaring crafts

- Outokumpu steel is in products ranging from razor blades to washing machines, train bodies to automotive sensors, lifts & escalators, nuclear waste storage to oil rigs, in landmark projects such as the **Chicago Cloud Gate** & **Sagrada Familia** & in the UK the **Kelpies** & the **Thames Barrier**

- The Sheffield melting shop is a global supplier of semi-finished stainless steel long & flat products
- The production is based on **recycling scrap** (typically >75% scrap content).

Outokumpu, Europa Link, S9 1TZ, Sheffield, United Kingdom
sales@outokumpu.com, www.outokumpu.com

TATA STEEL

TATA STEEL

Workforce: 8,500

Capacity: 3+ million tonnes per year

Production type: Integrated steelworks, Basic Oxygen Steelmaking (BOS)

Products: hot-rolled, cold-rolled, metallic coated, pre-finished steel (organic coated), packaging steel, electro-plated steel, electrical steel

What's it used for? automotive, manufactured goods, construction, packaging, lifting & excavating, energy & power.



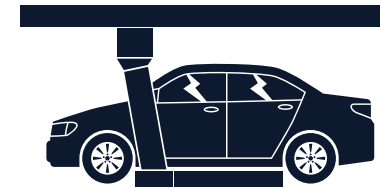
Nearly all **1p, 2p, 5p** and **10p** UK coins in circulation originate from steel made in Port Talbot



Tata Steel products were used in the roof and wall cladding at **Manchester United's Old Trafford stadium**, as well as many other football stadiums throughout the UK and Europe



Tata Steel UK supply **over one third** of UK auto steel requirements



One of Port Talbot's two blast furnaces was rebuilt in 2013 as part of a **£250m** investment



- Tata Steel UK has **two UK based technology centres**: one at the **University of Warwick** with a second, similarly-sized at the **University of Swansea**
- Tata Steel supplies to all UK based **vehicle manufacturers**
- More than **340** apprentices & graduates
- Tata Steel in the UK has the **highest accreditation** in responsible sourcing in the **construction sector**
- With a **recycling rate of 77%** steel is recycled more than any other packaging material in Europe.

Tata Steel, 30 Millbank, London SW1P 4WY
feedback@tatasteel.com, www.tatasteel.com

Processing, rolling & distribution



Dudley, Willenhall & Rugby

Location: Dudley & Willenhall for Hot Rolled & Bright Bar Products.
Rugby for National Engineering Steel Bar Distribution

Workforce: 350

Capacity: 100,000 tonnes per year

Products: Hot Rolled & Bright Steel Bar

What's it used for: Components for variety of engine, transmission, suspension, hydraulic, structural systems & fasteners in automotive, energy, mining & materials handling, oil & gas, rail, infrastructure, shipbuilding, motorsports & mechanical engineering sectors.

www.acentasteel.com



Somers Forge

Location: Halesowen, West Midlands

Workforce: 130

Products: Complete one stop shop from forging, through to heat treatment, testing & finish machining.

What's it used for: Marine defence, power generation, oil & gas, aerospace & general engineering. 150 years old Somers Forge has been producing parts for the UK navy for over 100 years.

www.somersforge.com



Wolverhampton

Location: Midlands

Workforce: 30

Capacity: 10,000 tonnes per year

Products: Concave fullered flats, lock ring sections, window shutter sections, feather edge convex flats, half rounds, hand rail sections, tapered flats & bespoke special shapes.

What's it used for: Horseshoes, yellow goods, earth mover & forklift truck wheels, window shutters & frames, grass cutting machinery, hinge manufacture, decorative ironwork, hand tools, open steel flooring, construction, etc.

www.specialsteelsections.com



Liberty Performance Steels

Location: West Bromwich, Midlands

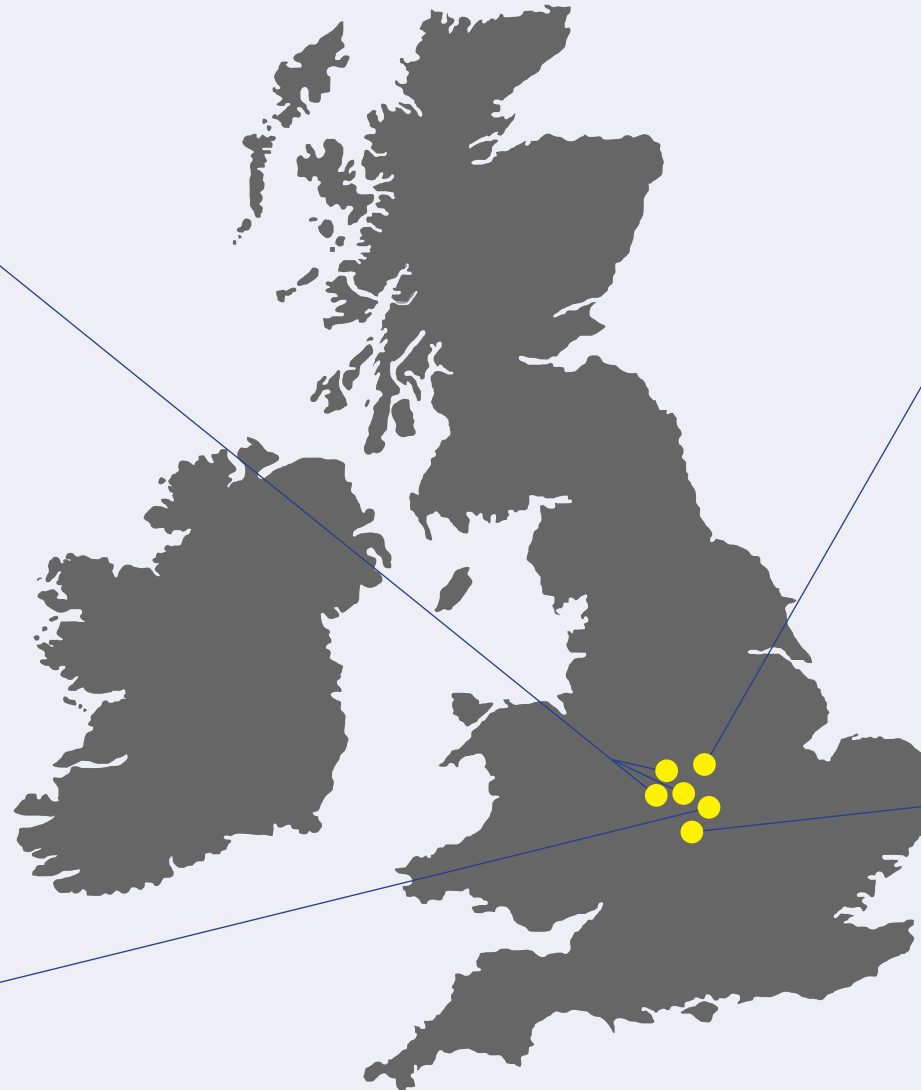
Workforce: 170 (incl. 3 apprentices)

Capacity: 13,000 tonnes per year

Products: Cold rolled & heat treated narrow strip.

What's it used for: Saw & industrial blade production, tradesman's tools, bandsaw blades & industrial cutting tools & blades.

www.libertyhousegroup.com



Processing, rolling & distribution



Dalzell Plate Mill

Location: Motherwell, Scotland
Workforce: 194 (incl. 7 apprentices)
Capacity: Up to 300,000 tonnes/year
Products: Hot rolled steel plates
What's it used for: Applications across marine, oil & gas, structural, pressure vessel & boiler materials, earthmoving & automotive industries
www.libertyhousegroup.com



Shotton

Location: Deeside, Flintshire, Wales
Workforce: 700
Products: Hot dip galvanising, organic coated coils and sheets, building systems.
What's it used for: Wide range of metal cladding systems, comprising of both insulated panels & built-up engineered cladding & roofing solutions.
www.tatasteeleurope.com



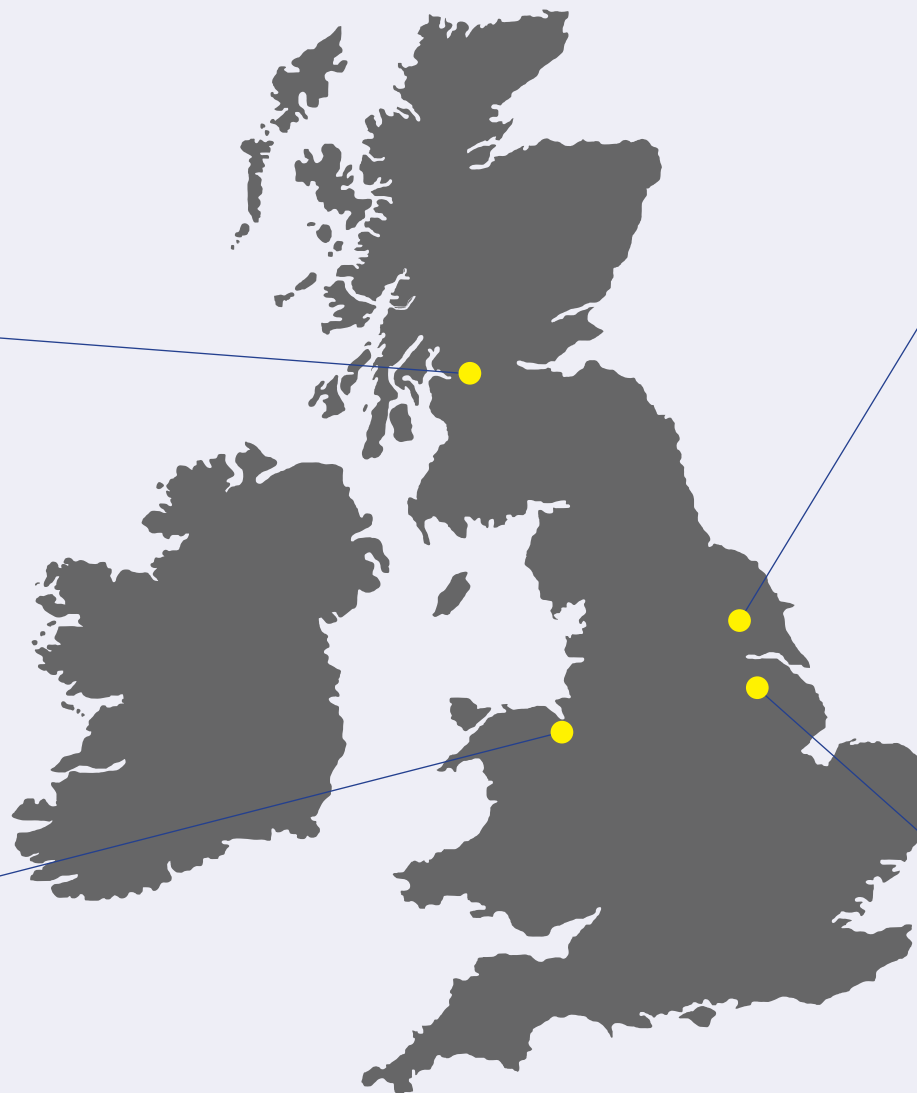
Norton Works

Location: Malton, North Yorkshire
Workforce: 85. With 25 employees having more than 25 years of continuous service, of which 12 have more than 40 years. Currently employing 3 apprentices.
Products: Cold drawn flat bars, squares, hexagons & alloy rounds & the manufacture of special shapes.
What's it used for: Mechanical engineering, power generation equipment, hydraulic applications, automotive, materials handling and general engineering.
www.bright-steels.com



Liberty Steel Scunthorpe

Location: North Lincolnshire
Workforce: 183
Capacity: 400,000 tonnes per year
Products: Hot rolled merchant bars & light sections.
What's it used for: Manufacturing, general engineering fabrications, power transmission towers, construction & infrastructure products, yellow goods, truck & trailer flats, raw material grinding & processing.
www.libertyhousegroup.com



Processing, rolling & distribution



Liberty Steel Tredegar

Location: Gwent, South Wales
Workforce: 63 (incl. 5 apprentices)
Capacity: 80,000 tonnes per year
Products: Structural hollow section in sizes ranging from 33.7mm to 192mm diameter plus associated squares & rectangles.
What's it used for: General stockholding, lighting column manufacturing & agricultural applications.
www.libertyhousegroup.com

TATA STEEL

Trostre

Location: Llanelli, West Wales
Workforce: 650
Products: Tinplate & other packaging steels.
What's it used for: Steel used in packaging applications such as can-making.
www.tatasteeleurope.com



Sheffield

Location: South Yorkshire
Workforce: 100
Capacity: 25,000 tonnes per year
Products: Peeled/cold drawn/ground, heat treated precision high performance bright steel bars and coils in rounds and shapes from 4mm to 75mm dia with/without automated ultrasonic inspection & crack detection
What's it used for: Automotive diesel injectors, torsion bars, springs, fasteners, chain saws, aerospace
www.kpsteel.com

TATA STEEL

Caerphilly

Location: South Wales
Workforce: 200
Products: Steel lintels & steel profiles.
What's it used for: Construction.
www.tatasteeleurope.com

TATA STEEL

Newport (Llanwern & Orb)

Location: South Wales
Workforce: 1,250
Products: Hot rolled, coil rolled & hot dip galvanised steel; grain-oriented electrical steels
What's it used for: Automotive, yellow goods, construction, manufactured goods among other markets.
www.tatasteeleurope.com



Processing, rolling & distribution

SHEFFIELD FORGEMASTERS
INTERNATIONAL



Sheffield

Location: South Yorkshire
Workforce: 640
Capacity: 100,000 tonnes per year
Products: Forgings, castings, consultancy services & technology transfer, UKAS accredited laboratory testing.
What's it used for: Defence industry, civil nuclear, power generation, pressure vessels, offshore oil and gas, steel processing sector.
www.sheffieldforgemasters.com



Cardiff

Location: South Wales
Workforce: 2,000 across the UK (including downstream fabrication facilities).
Capacity: 1.1+ million tonnes per year
Products: Steel Long Products – steel reinforcing bar, steel reinforcing bar in coil, wire rod, various merchant bars & light sections (flats, angles, channels, plain round bars)
What's it used for: Construction industry & general engineering
www.celsauk.com



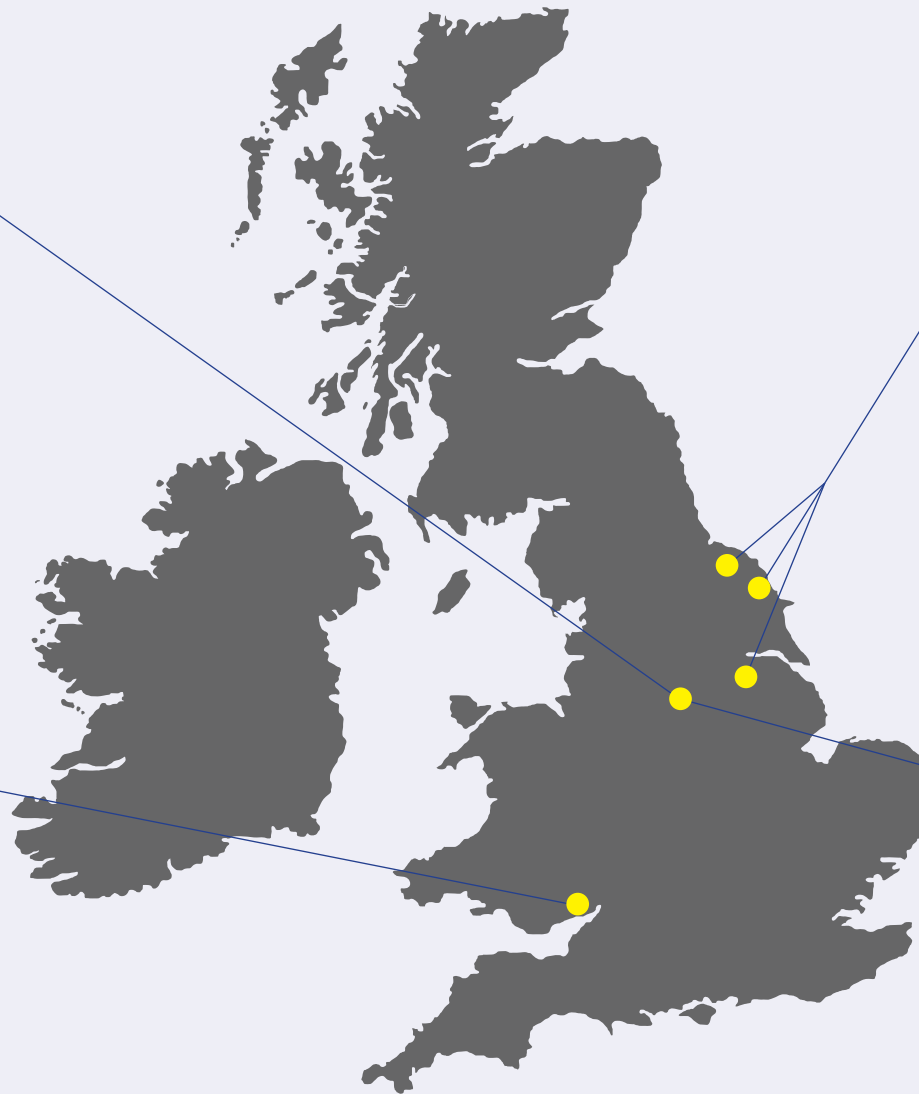
Scunthorpe, Teesside & Skinningrove

Workforce: 3,250 Scunthorpe, 420 Teesside Beam Mill & Service Centre, 320 Special Profiles (Skinningrove).
Products: 1,450+ different specifications of steel, including wire rod, sections, special profiles & rail.
What's it used for: Our steel is used in a wide range of applications, including rail, construction, automotive, engineering, earth moving, mining & many more.
www.britishsteel.co.uk



Sheffield

Location: South Yorkshire
Workforce: 570
Capacity: 217,000+ tonnes per year
Products: 100's of different specifications of steel for a large variety of product industry sectors.
What's it used for: Aerospace, automotive, construction, energy & power, packaging, domestic appliances & many more.
www.outokumpu.com



Processing, rolling & distribution



United Cast Bar Limited

Location: Chesterfield, Derbyshire

Workforce: UK 105 (Group 240)

Capacity: 35,000 tonnes per year (Group 65,000)

Products: Nodular & flake cast irons.

What's it used for: Hydraulic cylinders & manifolds, parts for pneumatic equipment, pump & compressor rotors, glass mould & neck ring manufacture, machinery/machine tools & renewable energy

www.unitedcastbar.com



Part of the OSSL Group

Bromford Iron & Steel

Location: West Bromwich, West Midlands

Workforce: 44 (incl. 2 apprentices)

Capacity: 24,000 tonnes per year

Products: Hot rolled steel flats, sections & tailor-made profiles

What's it used for: Agricultural, automotive, construction, chains, horseshoes, fencing, flooring, marine, oil & gas, rail, seating.

www.bisteel.co.uk



The Steel Ball Company

Location: Scunthorpe, North Lincolnshire

Workforce: 10

Capacity: 8,000 tonnes per year

Products: Steel balls 30-75mm diameter

What's it used for: Grinding media for coal, limestone & cement production. In gold, silver, copper & zinc mining. Ornamental ironwork as decorative finials on steel gates & railings.

www.steelballcompany.co.uk

TATA STEEL

Wednesfield

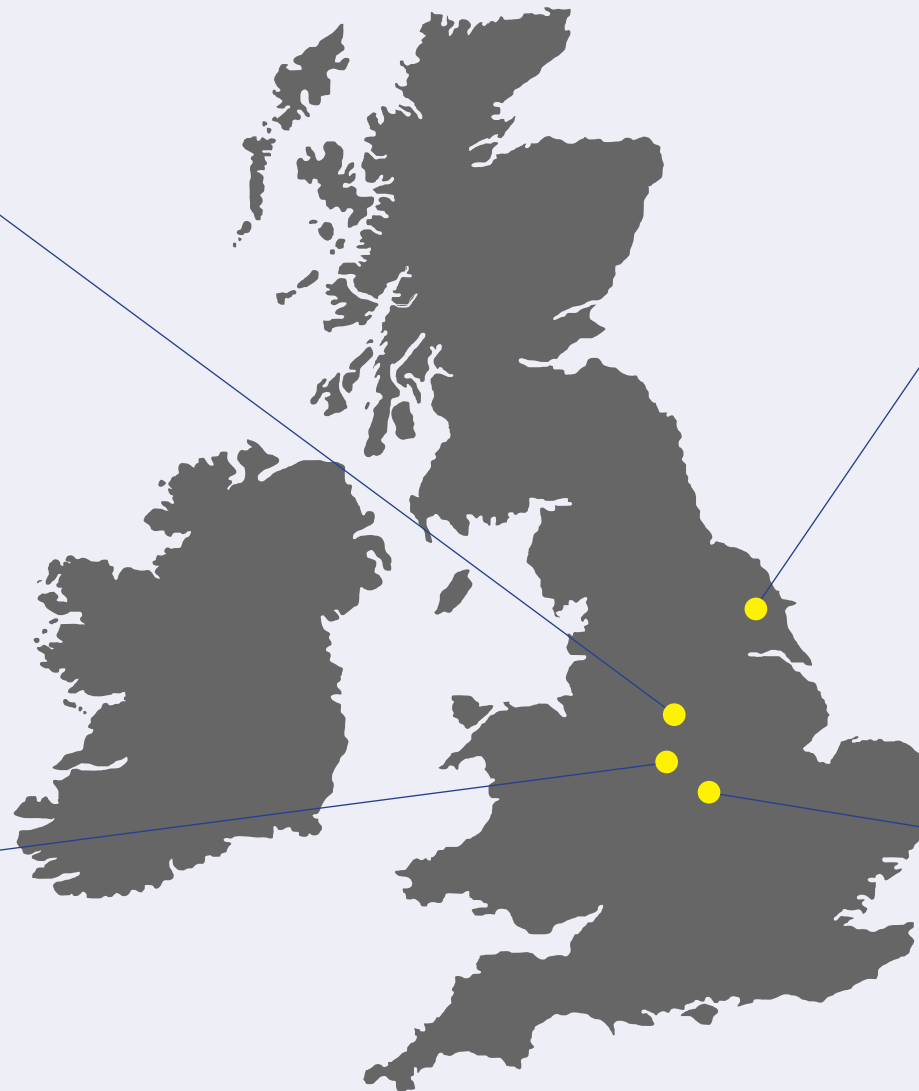
Location: Midlands

Workforce: 450

Products: Processed strip coils & sheets, automotive components

What's it used for: Processed coil & sheet products; specialist automotive centre

www.tatasteeleurope.com



Processing, rolling & distribution

Wire & research



Liberty Speciality Steels

Location: Sheffield, Rotherham, Bolton, Wednesbury
Workforce: 2,100 (incl. 72 apprentices)
Capacity: 212,000 tonnes per year
Products: Specialist manufacturers of high end alloys, stainless and carbon steels.
What's it used for: Globally within demanding applications such as aerospace, oil & gas, industrial engineering, automotive, narrow strip, & engineering bar.
www.libertyhousegroup.com



Liberty Steel Newport

Location: Newport, South Wales
Workforce: 183
Capacity: 1 million tonnes per year
Products: Hot rolled steel coils, inc. floorplate coil (1.9mm – 12.5mm 1000, 1250, 1500)
What's it used for: Construction, profiling, hollow sections, general press working, earth moving equipment
www.libertyhousegroup.com



Middlesbrough, Teesside

Workforce: 75
Capacity: World leading research and innovation, Doctoral Academy & SME Technology Centre, plus specialist melting (up to 7T batch).
Products: Process & product development, consultancy, training & specialist melting.
What's it used for: Private & collaborative research & innovation in advanced materials, low carbon energy & the circular economy.
www.mpiuk.com



Doncaster, South Yorkshire

Workforce: 700
Products: Wire & manufacture of steel, synthetic & hybrid rope solutions, ancillary products & specialist installation & inspection services.
What's it used for: Oil & gas, renewables, mining, fishing & marine, industrial & crane, & structures.
www.bridon-bekaert.com



Halesowen, West Midlands

Workforce: 20
Capacity: 8,000 tonnes per year
Products: Cold heading, engineering wire, annealing.
What's it used for: Automotive, consumer goods, construction
www.gjohnpower.co.uk

Tubes & pipes



Dudley & Rotherham

Workforce: 128
Capacity: 110,000 tonnes per year
Products: Electro-welded carbon steel tubes
What's it used for: Agricultural, fencing, furniture, gardening, stockholder/distribution, automotive, exhausts, construction.
www.marcegaglia.com



Liberty Precision Tubes

Location: Oldbury, West Midlands
Workforce: 86
Capacity: 100,000 tonnes per year
Products: Precision ERW steel tube.
What's it used for: Automotive, construction, electrical, material handling/conveyors, stockholding/distribution, exhausts, fencing, garden & leisure, furniture & horticulture.
www.libertyhousegroup.com



HDM Tubes Ltd

Location: Cardiff, South Wales
Workforce: 30
Capacity: 50,000 tonnes per year
Products: Large OD spiral pipes & piles.
What's it used for: Foundation & piling.
www.hdmtubes.co.uk



Liberty Drawn Tubes

Location: West Bromwich, Midlands
Workforce: 41
Capacity: 15,000 tonnes per year
Products: Cold drawn welded & cold drawn seamless precision steel tube.
What's it used for: Heat exchangers, boiler tubes, pressure tubes, petrochemical, automotive, roll cage tube, locomotive, other general mechanical applications.
www.libertyhousegroup.com



Tata Steel Hartlepool

Location: County Durham
Workforce: 250
Capacity: 225,000 tonnes per year
Products: HFI steel pipe
What's it used for: Oil & gas applications & construction.
www.tatasteeleurope.com



Liberty Steel Hartlepool

Location: County Durham
Workforce: 200 (incl. 10 apprentices)
Capacity: 300,000 tonnes per year
Products: Line pipe/large diameter steel pipe.
What's it used for: Oil & gas, energy & power.
www.libertyhousegroup.com



Corby

Location: Northamptonshire
Workforce: 550
Products: Tubes
What's it used for: Manufactures approximately 250,000 tonnes per year of thin-wall welded tube from steel strip for use in a range of applications, including construction, lifting & excavating, & energy & power market sectors
www.tatasteeleurope.com

HUB LE BAS

Hub Le Bas Ltd

Locations: Bilston, London, Leicester, Manchester.
Workforce: 110 (incl. 3 apprentices)
Capacity: 4,500 tonnes in stock with capacity of 20,000 tonnes pa.
Products stocked: Welded & seamless precision steel tubes, supplied in long or sawn/laser cut lengths, to meet customers requirements.
What's it used for: Wide range of markets, including automotive, construction, furniture, health & medical, shopfitting, yellow goods, point of display & industrial.
www.hublebas.co.uk

UK Steel

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www.eef.org.uk/uksteel



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