

# Cast Spiral Staircases & Balconies



## **British Spirals & Castings**

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Crafted by Hand; Designed for You

SPIRAL STAIRS — STRAIGHT STAIRS — BALCONIES

# Cast Spiral Staircases & Balconies



## WHO ARE BRITISH SPIRALS & CASTINGS?

British Spirals & Castings has earned an enviable reputation for producing high quality spiral stairs, straight staircases, balconies, gates and railings at competitive prices. Our recognised service levels attract customers from all around the world and our family ethos ensures a pleasant experience from start to finish.

Our mission is to create for you whatever type and shape of staircase or balcony you would like to complement your space, whether indoors or out. We have contributed to inspirational renovations, innovative refits and exclusive new builds, from small space solutions to the grandest of entrances.

Our team of highly experienced craftsmen, many of whom have been with us since leaving school, work with skill and dedication to create bespoke pieces perfectly tailored to each customer's precise needs.

Being a truly British manufacturer we have total control over the quality of the castings as we own our own non-ferrous foundry in Stoke-on-Trent. From raw materials to finished product, all our staircases, balconies, railings and gates are manufactured here in the UK.

Our friendly staff are always eager to answer any queries, either via phone, email or in person at our showroom in Chapel-en-le-Frith. Our custom-made CAD system also allows us to provide dimensional drawings for all our clients, should they be required.

We look forward to hearing more about your needs and helping you to find the staircase or balcony to suit you, your home and your lifestyle.



# Cast Spiral Staircases & Balconies



Our cast aluminium spiral staircases and balconies are functional works of art that can provide the perfect finishing touch to any home or workplace.

Available in 13 different diameters from 970mm to 2250mm, our cast spiral staircases are ideal for main stairs, loft conversions, changes in floor levels and access to balconies or verandas. Our metal balconies can be constructed in combination with a staircase, or as stand-alone items to any size required, adding a new aspect of refinement to a property. The products are offered in four styles with a wide selection of baluster, landing plates and powder coating options, allowing them to be crafted to your exact tastes.

The aluminium castings are one-third of the weight of cast iron but still retain the same strength capabilities. This typically avoids the need for floors to be reinforced when used in second-floor applications. For external applications this weight benefit also means extensive foundations are not required.

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# Victorian



Attractive, yet highly practical, the classic stylings of our Traditional Victorian cast spiral staircases & balconies have made them a firm favourite for customers both in the UK and worldwide.

The intricate treads, landing plates and balusters of the Victorian spiral staircases add a stunning effect to any home, whether used as the centrepiece of a room, access to a loft, a feature on the patio, or to offer a whole new look to a garden. The staircases are available with a number of baluster and infill panel options to meet design and Building Regulation requirements.

Our Traditional Victorian balconies and staircases are highly attractive and hardwearing, adding extra space and beauty to a property, with quality that can be seen and felt by all. The filigree design of the decking plates which create the floor of the balcony also allows natural light to easily pass through to the area below.



Victorian Spiral with Infill Panel every 3rd tread



Matching Victorian Spiral and Balcony with Gallows Bracket Supports



# Victorian



Victorian Spiral with 3 Victorian Balusters per tread



Victorian Spiral with Victorian Balusters



Victorian Spiral with Brass Handrail



Victorian Spiral with Floral Infill Panel every 3rd tread



# Victorian



Victorian Spiral with Floral Infill Panels



Victorian Spiral with Plain Infill Panels



Small Victorian Spiral with one balusters per tread



Landings whether internal or external can be made to any size



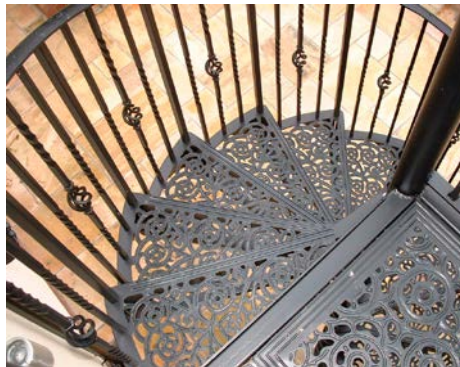
# Victorian



Victorian Balcony



Victorian Spiral with Regent Ornate Balusters



Victorian Treads



Victorian Balcony



Victorian with Ornate Infill Panel



Small Victorian Spiral with two balusters per tread



# Diamond



Unique to British Spirals & Castings, the elegant Diamond range provides a middle-way between the uniformity of LCC design and the softer, more ornate feel of the Victorian range.

The stylish range is inspired by the Moorish designs of North Africa. It was created in-house by our highly experienced pattern makers. Its versatile form means you can marry the tread up with a host of different balusters and infill panels, creating a look uniquely tailored to you, and one that fits into your own preferences.



Diamond tread pattern



Diamond Spiral with Plain Infill Panels and Matching Balcony

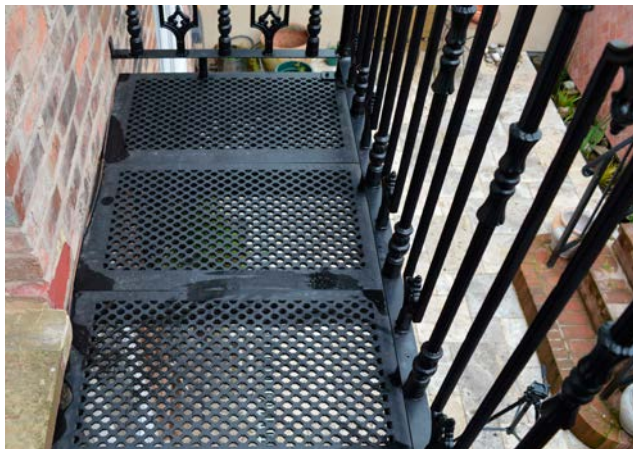




# Diamond



Diamond Spiral



Diamond Balcony Plates



Diamond Landing/Balcony

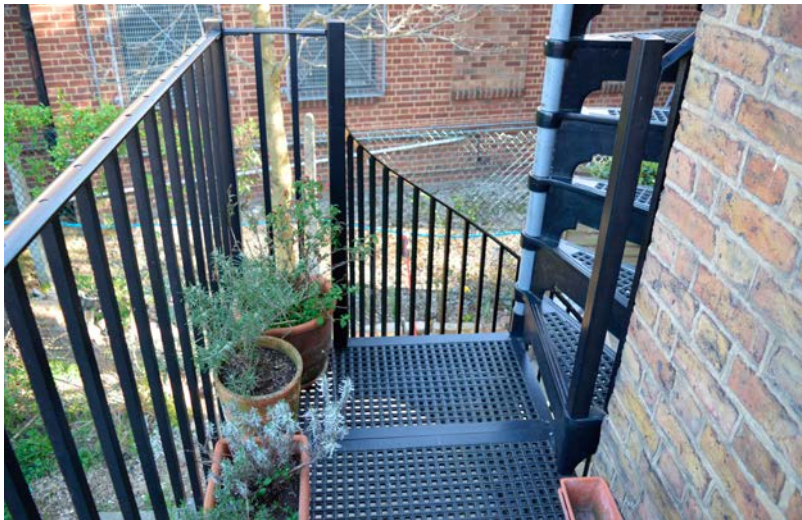


# LCC



The LCC range of spiral staircases and balconies offer a minimalist alternative to the intricacies of the Victorian design, and a more uniform look to that of the Diamond pattern. With a more industrial feel to the design, the balusters tend to be plain round or square to complement the style, but as with all our stairs and balconies, we can mix and match balusters to create a look unique to you.

The Georgian style of the LCC range makes them ideal for properties located within London conservation zones, whilst their perforated decking plates allow light to pass through and water to drain, ideal for external access to lightwells or aeries.



LCC Balcony with Square Balustrade



LCC Tread

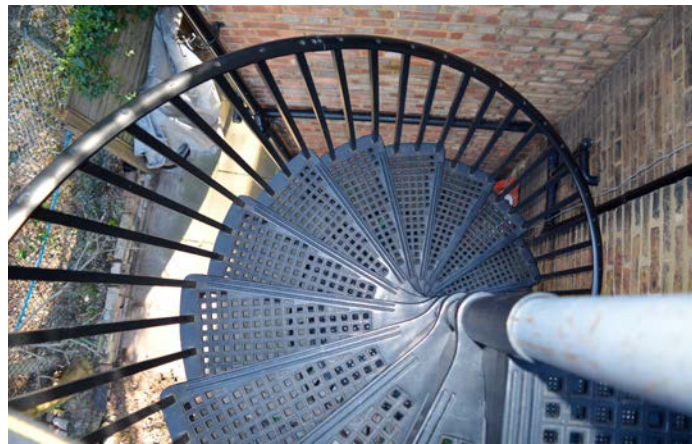




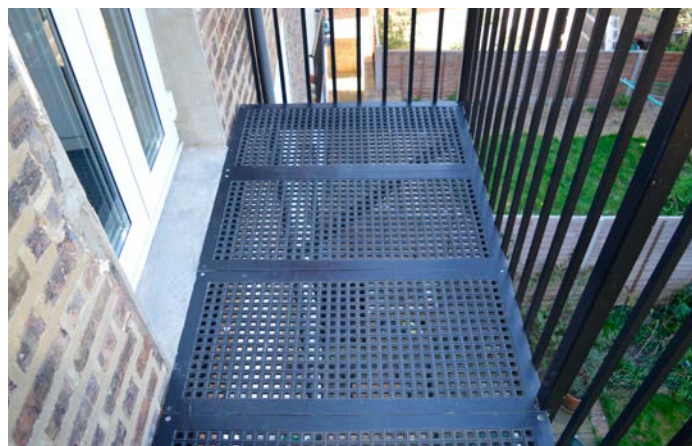
Double Flight LCC Spiral to Access Two Flats with Matching Balconies



LCC Spiral and Balcony



LCC Tread Pattern



LCC Balcony



# Modern Art Deco



Taking their inspiration from the classic design style of the 1920's and 30's, our Modern Art Deco range of spiral staircases and balconies are practical yet striking. They really are one of a kind, with nothing else similar to them on the market.

The Modern Art Deco spiral staircases can be used externally as well as in the home, shop or office, and offer something quite different when married up with the matching decking plates used to form balconies and landings. The impressive range of decking plates have been designed in multiples of 400mm square sections and are entirely adaptable, ready for customising to suit your preferences and requirements.



Modern Art Deco Tread Pattern



# Modern Art Deco



Modern Art Deco Balcony



External Modern Art Deco Spiral with Matching Balcony



Contemporary Style to suit numerous different environments whether residential or commercial



Modern Art Deco Tread



Modern Art Deco with Matching Landing



Modern Art Deco Tread Pattern



# FAQ



## WHAT IS THE DIAMETER OF THE STAIRS?

If you imagine the spiral being drawn as a circle on a piece of paper, the diameter is the measurement from one side of the circle to the other so it is the overall width of the staircase. Our range now extends to over 13 diameters, and with our in-house pattern making, we can make specific diameters or widths of straight stairs to order.

## WHAT IS THE FLOOR TO FLOOR MEASUREMENT?

The floor to floor measurement is the measurement from the finished floor on the level that you are entering the staircase right through to the top of the finished floor on a level that you will be exiting the staircase. If you are ordering a stair, then you also need to take into account the finished surfaces, i.e. carpet, tiles etc.

## HOW MUCH SPACE DO I NEED TO BE ABLE TO FIT A SPIRAL STAIR?

The normal rule of thumb is that you need a square or circular opening that is 100mm larger than the diameter of the staircase. However, if you do not have this space, please feel free to contact us as it may be that we can get the spiral to fit another way or suggest a different solution.

## HOW DO I KNOW WHETHER MY STAIRS WILL NEED TO COMPLY WITH BUILDING REGULATIONS?

There are two interpretations of the Building Regulations, both of which state different requirements, so the best person to contact is your local building inspector as it will be their interpretation which will determine whether certain criteria needs to be adhered to. However we have over 30 years' experience in the trade, so please do not hesitate to contact us in the first instance and we will be able to assist and guide you into the detail of the Building Regulations and the right people to contact. If your stairs are part of a planning application then you will need to comply. A summary of our interpretation of the Building Regulations can be viewed on our website.

## WHY CAST ALUMINIUM AND NOT CAST IRON?

Traditionally it is assumed that cast iron is a strong and durable material. In truth, when compared with cast aluminium it is actually quite brittle. As a result, our cast aluminium staircases not only look exactly the same as cast iron alternatives, they're also much more durable. Cast aluminium is also a much lighter metal, this means our staircases do require extensive concrete foundations when installed externally, minimising disruption to the existing surroundings and environment. Cast aluminium also does not rust like cast iron making it an ideal material for external applications.



# FAQ



## DO YOU CONDUCT SITE SURVEYS?

95% of staircases do not require a site visit so unless the project is particularly complicated, site visits are not done as a matter of course. To ensure that your staircase meets your needs and will fit, working drawings are produced so that you, and if appropriate your builder and architect, can all visualise the stairs. These drawings will be marked with the dimensions that you will need to confirm in order for us to build. We endeavour to make the process as straight forward for you as we can and are always on the end of the phone or email to answer any queries or questions that you have.

## DO YOU OFFER A FITTING SERVICE?

We are only able to offer a fitting service for clients in the London area. However, all our products are designed for ease of installation and, provided correct dimensions have been supplied, there is very little work to be done on site. Full fitting instructions are sent out with the staircases and balconies.

## ARE THE STAIRS EASY TO INSTALL?

All our staircases and balconies are designed for local tradesmen and DIY enthusiasts to install and because they will have been fully erected in our workshop and made to measure there is very little fabrication work to be done on site. Full fitting instructions are sent out with the staircases and balconies.

## ARE THE STAIRS SAFE?

Staircases can be made so that there is no gap greater than 99mm on the staircase which makes them extremely safe. This is a Building Regulation requirement and, therefore, is a standard requirement for most staircases.

## DO YOU SHIP ABROAD?

Yes, we can arrange delivery worldwide. Approximately 15% of our staircases are exported to Europe and the wider world. To date, we have exported to over 60 countries worldwide.

## WHERE DO YOU GET YOUR CASTINGS FROM?

We own our foundry so all our cast aluminium castings are manufactured in Stoke on Trent and our cast iron castings in London. This means we can have total control over the quality of castings.

## CERTIFICATIONS

We have been awarded CE accreditation, under European Legislation, which provides assurance to the client that our manufacturing process is to the highest standards with our products meeting certain public safety requirements (in this case BS EN 1090).



# Visit Our Showroom



There is nothing like being able to feel the quality of the stairs and balconies and try them all out for size. We have a range of products available to view at our showroom in Chapel-en-le-Frith.

The showroom is open from 8 am till 4 pm Monday to Friday and evening or weekend viewings can be arranged by appointment.

We can arrange for you to be picked up from Macclesfield train station which is a stop on the London Euston to Manchester line. Alternatively, we are 45 minutes from Manchester Airport and welcome clients from abroad to visit us. Again we can help arrange transport and accommodation when required.

## OUR SHOWROOM ADDRESS IS:

British Spirals and Castings  
Peak Building  
Eccles Road  
Chapel-en-le-Frith  
High Peak  
SK23 9RG

## CONTACT US:

**Phone:** 01663 750716

**Email:** [sales@britishsc.co.uk](mailto:sales@britishsc.co.uk)

**Facebook:** [facebook.com/britishspiralscastings/](https://www.facebook.com/britishspiralscastings/)

**Twitter:** @BritishSpirals

**Pinterest:** [pinterest.com/spiralstairsuk/](https://www.pinterest.com/spiralstairsuk/)

**Website:** [www.britishsc.co.uk](http://www.britishsc.co.uk)

