



COMPLETE  
**STAIR**  
SYSTEMS

Bespoke  
Staircases

Modern Timber  
Systems

Custom Made  
Modular Systems

Modular  
Systems

Fire Escapes

Large Commercial  
Helical Staircase  
- Tennis Centre,  
Shropshire



# Bespoke Staircase

Create your dream staircase with our fully bespoke service.

Whether in a domestic or commercial setting, a staircase is often the first fixture on show when entering the building and it presents the perfect opportunity to create a stunning impression. We have the ability to create virtually any staircase in a variety of configurations using a wide selection of materials:- Toughened Glass, Stainless Steel, Powder Coated Steel and many different timbers.

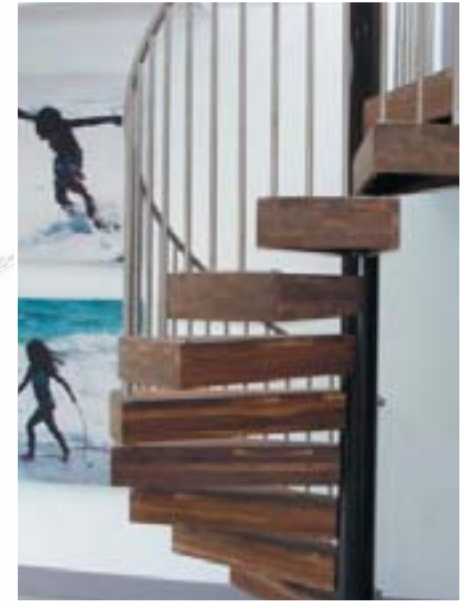
Generally our clients inform us of the overall theme and style of the property they are developing and the materials they are using. We then discuss the shape and structure of the staircase and prepare an estimate. Once the design has been finalised, site measurements are checked before CAD drawings are produced. These are issued for final approval before manufacturing commences. The delivery time depends on the size and complexity of the staircase but is generally around six to eight weeks from drawing approval.



*domestic spiral with glass treads*



*domestic half turn stair with glass treads*



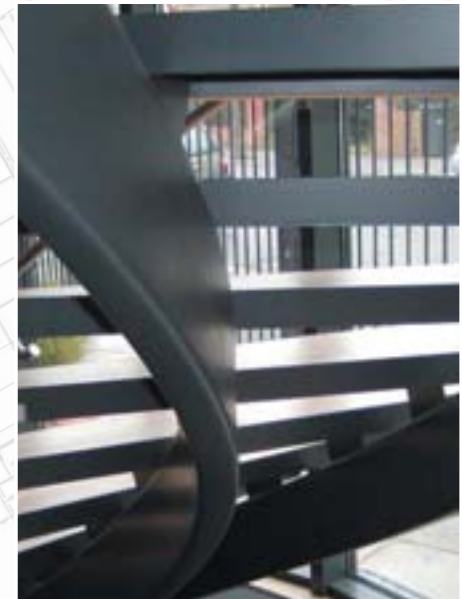
*domestic spiral with chunky walnut treads*



*half turn commercial stair with glass treads*



*commercial spiral with oak treads*



*commercial helical stair*



## Traditional

Solid Timber staircases are manufactured with two conventional stringers either side of the treads.

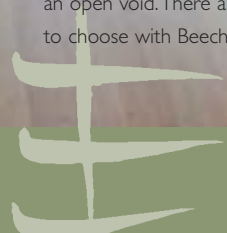
We have a wide range of balustrade including glass infill panels and stainless steel spindles. Balustrading can be extended horizontally at floor level across an open void. There are various timbers from which to choose with Beech and Oak the most popular.



## Stepped

With our stepped timber stairs there is a 'cut' stringer located on one or both sides.

This means the stringer is situated 80mm underneath the treads so that the spindles span from the treads directly to the handrail. These models are custom made but arrive on site in kit form. They can be manufactured in most configurations and in the majority of timbers.





## WF

Our very open WF system only has a stringer against the wall so that the treads appear to hover.

The staircase is supported, on the exposed side, by a specially designed deep handrail into which the spindles screw. It has open risers and a choice of stainless steel or timber spindles.



## Spirit

This unique staircase is supported by two stringers situated under the centre of the stair acting as a spine creating an open, modern feel.

There are many spindles, newel posts and handrail options to choose from and the stair can be constructed in almost any timber.



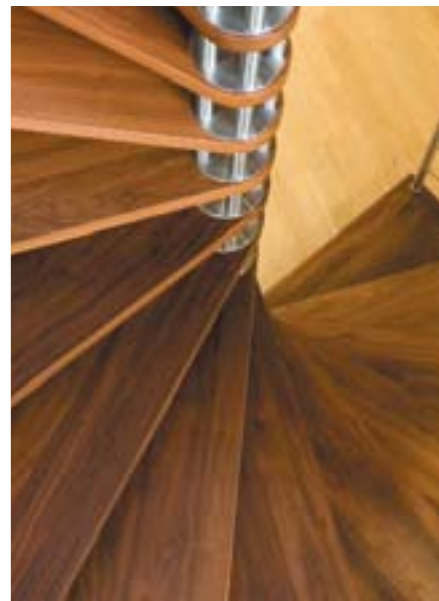
model 71

# Spirals

We offer a wide range of modern custom made spiral units that combine glass, stainless steel and timber.

They are manufactured exactly to your floor-to-floor height and come complete with a triangular or square top platform. The spiral balustrade is available in horizontal lengths for inclusion around a stairwell.

As these models are available in diameters up to 2200mm they are suitable as a main staircase in a dwelling. Please visit our website for the full range.



model 77



model 73



model 78



model 76



scenik sport

# Straights

These contemporary models are available in straight flight, quarter and half turn configurations.

Many are supported by a spine creating a very open feel and are complimented with timber, glass or even granite or marble treads. The balustrade can be constructed with stainless steel spindles, perspex, mesh or glass panels or with horizontal bars. Please visit our website for the full range.



scenik chic



model 500



model 300



g 30



scenik plexy



model 200



# Modular Systems

These modular systems are the perfect economical solution for a secondary domestic staircase.

Whether in spiral, straight flight, quarter or half turn they offer a modern alternative to a standard timber stair when accessing a loft or mezzanine area. They are supplied in kit form, many with a DVD instruction manual, ready for self assembly.

## Spirals

The spiral staircases in this range are available in diameters between 1200mm & 1600mm. The treads are either in pressed steel or solid beech which is varnished or stained. The centre column is made up of a number of steel or timber barrels which act as spacers between the treads. Each kit comes complete with a triangular top platform and the balustrade for the staircase.

## Straight/Quarter/ Half turn

All of these models are constructed with a modern interlocking spine made up either from timber blocks or pressed steel elements. They provide the backbone for the timber treads which are in beech or birch.

To view the full range, please visit our website.



half turn unika



unika detail



genius



klan



genius



half turn genius



unika detail



quarter turn genius



genius detail



civik



# Fire Escapes

Regardless of configuration, all our external fire escapes are galvanised for protection against the elements.

The treads are either in non-slip perforated steel or chequer plate steel and the balustrade can be made up from vertical spindles or horizontal bars. The spirals are available in diameters up to 2800mm and the straight staircase can accommodate landings so they can rise several storeys. These staircases are suitable for both domestic and commercial applications.



*commercial spiral*



*spiral with non-slip perforated steel treads*



*commercial quarter turn*



*two storey spiral*



# What To Do Next

A staircase is often the first item on view when entering a home or an office, offering the perfect opportunity to create a stunning visual impact that reflects upon who owns the house or the company occupying the building.

Once you have studied the brochure and viewed the full range on our website you will need to contact the office for a quotation. The price list included in this pack and shown on the website is based on the standard version of each model and an indicative floor-to-floor height of 2600mm. Please forward any sketches, drawings or photos along with a description of the type of staircase you require and we will work out an exact price. You can email AutoCad or PDF files to [info@completestairssystems.co.uk](mailto:info@completestairssystems.co.uk) or post them to the address shown overleaf.

Once you are happy with the materials and design of the staircase, we need to get some drawings prepared. These are then issued for final approval prior to manufacture. Delivery times for the modular staircases range from 2-5 weeks and for the bespoke models 6-8 weeks, depending on the size and complexity of the staircase.

# Building Regulations

If you require a staircase for a new build or installing a stair into a new loft conversion, it will need to comply with the current building regulations.

The main governing documents are Building Regulations Part K (domestic and commercial), Part M (ambulant stairs in commercial settings) and British Standard 5395 for both domestic and commercial spiral and helical staircases. Extracts from all these documents are available on our website.

## Domestic

Many of our staircases are manufactured abroad where regulations are less stringent. Some models have horizontal bars or wire in the balustrade or have open risers which are not permitted within the UK. Some of the pictures in this brochure and on our website do show staircases that contravene the regulations but these can easily be adapted to conform. If you have any questions regarding building regulations, please contact the office directly. You can also use the table (on the right) as a guide.

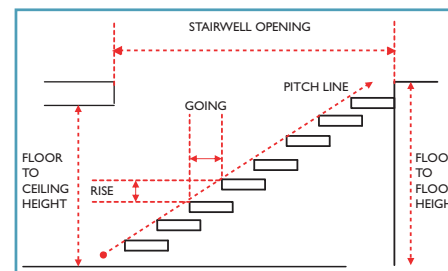
# Commercial

The majority of staircases installed in the commercial sector now have to conform to Part M of the regulations which governs the facilities for disabled people. 'Ambulant' staircases have a much shallower pitch and are much wider than conventional staircases to ensure an easy ascent. Your local planning office will inform you if the stair has to conform to Part M. Any questions, please contact the office.

## Domestic Regulation Guide

Spiral Stair		Straight/Quarter/ Half turn	
Main Stair		Main Stair	
Max Rise	220mm	Max Rise	220mm
Min Rise	170mm	Min Going	220mm
Min Centre Going	190mm	N.B. Pitch line should not exceed 42°	
Clear Tread Width	800mm	Clear Tread Width	800mm †
Secondary Stair		Secondary Stair	
Max Rise	220mm	Max Rise	-220mm
Min Rise	170mm	Min Going	-220mm
Min Centre Going	145mm	N.B. Pitch line should not exceed 42°	
Clear Tread Width	600mm	Clear Tread Width	600mm †

† Building Regulation do not specify a clear tread width for straight stairs. Measurements are for guidance only.



# Terminology

**Tread** - The step you walk on.

**Stringer** - The side of the stair that supports the treads, usually in timber or steel.

**Spindle** - The vertical member filling in the space between the stringer and the handrail.

**Newel Post** - The vertical support post supporting the balustrade. Usually located at the top and bottom of the staircase.

**Balustrade** - Collective term given to the handrail, spindles and newel posts.

**Landing / Horizontal Balustrade** - Balustrade continuing around a stairwell opening.

**Going** - Looking from plan view, the depth of the tread.

**Pitch Line** - How steep a stair is. Measured from the front of each tread.

**Rise** - The vertical height between treads.

**Clear Width** - The clear walking width between handrail-to-handrail or handrail-to-centre column (spirals).

**Diameter (Ø)** - The overall width of a spiral staircase measured from outside of handrail to outside of handrail.

**Landing Platform** - The triangular or square top platform of a spiral staircase which connects the landing to the centre column.

**Stairwell** - The opening in the floor in which the stair will be situated.



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