



# SPACE-SAVING STAIRS

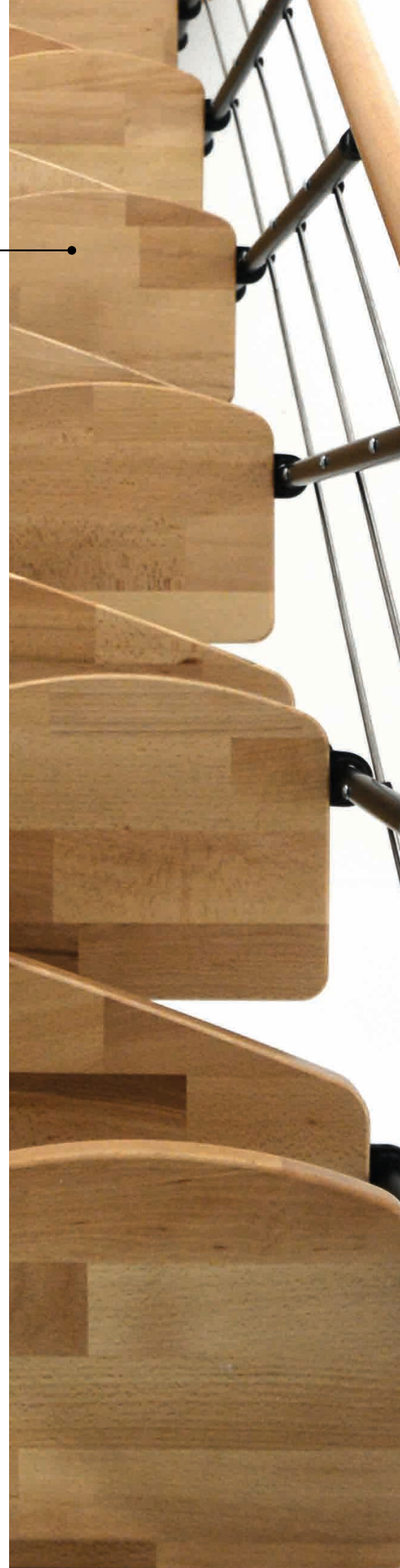
Aiming high in a small space



# Flexible design. Sustainable use.

True to this motto, Minka has been producing stairs in the heart of Austria since 1952. While the initial focus was primarily on the production of attic staircases, system staircase production has continued to grow in recent decades. This has enabled us to build up an extensive product range: From highly insulated and fire-retardant loft ladders to space-saving and spiral staircases to galvanised external staircases. Over the past 70 years, we have established ourselves on the national and international staircase market and are now one of the largest staircase manufacturers in the world.

Thanks to our state-of-the-art production facilities and our in-house powder coating department, we can flexibly customise our products to meet any residential requirements and guarantee an excellent price-performance ratio. The modular system of Minka system staircases allows customers to choose between different types of wood, metal colours, installation options and sizes. Thanks to the high quality standards, excellent insulation technology and the use of durable and low-wear materials, Minka staircases are not only extremely sustainable in production, but also in use.



# Aiming high in a small space



## Modular space-saving staircases from Minka

Getting from one floor to the next is not always as easy as it seems. Angled rooms and limited space can make installing a staircase considerably more difficult. This is where Minka space-saving stairs are the ideal solution. With them, you can always get upstairs quickly and safely, even with a small floor area.

Our space-saving staircases are characterised by a particularly high degree of flexibility. Our centre stringer staircases have a height-adjustable metal base frame so that you can easily adjust the incline and floor height of the staircase yourself. All solid wood stringer staircases can be easily adjusted to the correct height by shortening them on site.

In addition to straight staircases with full-surface treads, we also have even more extreme space savers in our range. From quarter-turn and half-turn models to stairs with steps that can be walked on from one side and fold-away ladder stairs - Minka is always the right choice for particularly small spaces and angled buildings.

Despite their small size and high degree of flexibility, our space-saving staircases do not compromise on stability. By using high-quality materials, we achieve an average load-bearing capacity of 200 kg per step. We manufacture the steel components ourselves in Austria and the wood for our staircases comes from European forests.

Let us convince you of the quality and flexibility of Minka space-saving staircases - because a Minka is bought for life!



## Scan me!

On all product pages you will find a QR code. If you scan this with your smartphone, you will be taken directly to the corresponding product page in the Minka online shop.

There you will not only find all the complete and current data on the product, but you can also personalise the staircase and view it in different colour variants, for example.



**Centre stringer stairs  
made of wood & metal**

p. 6 - 21



**Stringer stairs  
made of wood**

p. 22 - 29



**Space-saving  
ladder stairs**

p. 30 - 35



**Suitable  
balustrades**

p. 36 - 39



**Technical data  
and drawings**

p. 41 - 47

# Table of contents

---

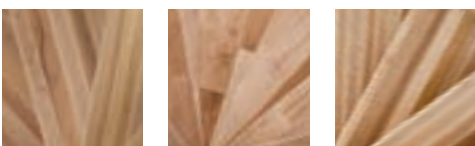
# Centre stringer stairs made of wood & metal

## Maximum flexibility thanks to material mix

Space-saving centre stringer stairs are the perfect solution for rooms where every square metre counts. Their compact design allows access to higher levels without taking up much space, making them ideal for small flats, attics or narrow corridors.

Centre stringer stairs made of metal and wood combine robust stability with natural elegance. The metal forms the load-bearing structure that ensures safety and durability, while the wood gives the staircase warmth and an organic charm. The combination of materials is suitable for both modern and rustic interiors and offers scope for a wide range of colour combinations.

Minka's centre stringer staircases not only offer great flexibility in terms of appearance, but also in terms of construction. The support elements are height-adjustable and can also be swivelled to the side, making not only straight but also winding staircases possible without any problems.



Wood is a product of nature. Just as every tree is unique, the grain and colour of our solid wood stair treads also vary.



# Comfort Top

## Straight staircase with 80 cm wide steps

With the space-saving staircase Comfort Top, Minka offers a true all-rounder that perfectly complements any interior design style with its elegant and simple shape. Thanks to its straight steps, the Comfort Top is literally top in terms of safety and comfort. The 80 cm wide steps made of solid wood provide sufficient tread surface to get up and down comfortably. The sturdy railing offers support and reliably secures the steps.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube
- Additional wall mount

### STAIRCASE LAYOUT

- straight
- turned (up to 90 degrees)

Drawings on p. 42

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



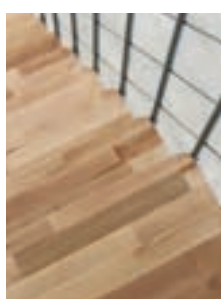
**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	
• Standard	3120 mm
• With 1 height extension	3360 mm
• With 2 height extensions	3600 mm
Rise per step	185 - 240 mm
Free passage width	800 mm



# Comfort Top Turn

## Quarter-turned staircase with maximum comfort

The space-saving staircase Comfort Top Turn offers the perfect combination of comfort and appearance. Thanks to the quarter-turned design, it fits perfectly into tight spaces - yet the steps still offer a large and comfortable tread area. With its solid wood treads and bottom railing, the Comfort Top Turn is also a real visual eye-catcher. You are free to decide in which direction you want the staircase to turn.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing

### STAIRCASE LAYOUT

- 1/4 turned to the right
- 1/4 turned to the left

Drawings on p. 42

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	
• Standard	3120 mm
• With 1 height extension	3360 mm
• With 2 height extensions	3600 mm
Rise per step	185 - 240 mm
Free passage width	800 mm

# Quatro

## Space-saving steps and handrail made of solid wood

The room-saving staircase Quatro from Minka impresses with its innovative industrial chic design. Striking metal parts combined with gently curved wooden steps create the modern look of the space-saving staircase Quatro. The solid real wood handrail fits comfortably in the hand and makes climbing the stairs a real pleasure. Like all Minka centre stringer staircases, the Quatro can be flexibly adapted to your requirements.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing

### STAIRCASE LAYOUT

- straight

Drawings on p. 43

### WOOD



**Beech**

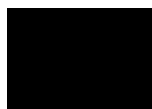
lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



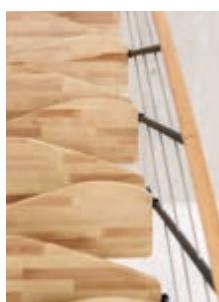
**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	13
Maximum storey height	2980 mm
• Standard	3210 mm
• With 1 height extension	
Rise per step	190 - 230 mm
Free passage width	600 mm

# Quatro Turn

**Around corners in the smallest of spaces thanks to the flexible platform**

The space-saving staircase Quatro Turn is a special version of the Quatro. It comes with a platform that allows the staircase to be set up with a 90-degree turn. This means that it can be adapted to a wide range of structural conditions and you can always get to the top and back down again. Thanks to the innovative technology of the Quatro Turn, the platform can be installed from the first to the last step exactly as you wish.

## ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

## STAIRCASE LAYOUT

- 1/4 turned to the right
- 1/4 turned to the left

Drawings on p. 43

## WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

## METAL



**Black**

RAL 9004 FS



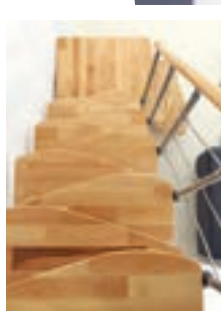
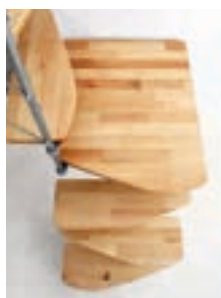
**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



## TECHNICAL DATA

Number of steps	12 + 1 platform
Maximum storey height	2980 mm
• Standard	2980 mm
• With 1 height extension	3210 mm
Rise per step	190 - 230 mm
Free passage width	600 mm

# Style

## Simple space-saving staircase with full-surface steps

The straight space-saving staircase Style impresses with its high-quality steps and matching solid wood handrail. These are not only pleasant to touch, but also ensure a safe ascent and descent. Together with the steel elements and the banister with stainless steel chords, the result is a modern and linear look that complements any interior design style. In terms of colour, you can flexibly adapt the centre stringer staircase Style.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- straight

Drawings on p. 44

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



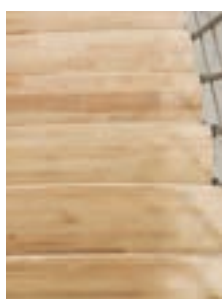
**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	3042 mm
• Standard	3276 mm
• With 1 height extension	
Rise per step	172 - 234 mm
Free passage width	700 mm

# Style Turn

## Elegant space-saving staircase with quarter turn

With the space-saving staircase Style Turn, Minka has thought outside the box. It comes with steps that are designed for a 90-degree turn. This gives you the option of installing the staircase turned to the left or to the right. This makes the Style Turn a real space saver that also looks stylish. Like all Minka centre stringer staircases, the Style Turn is characterised by 'Made in Austria' quality, which guarantees a long service life for the materials.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- 1/4 turned to the right
- 1/4 turned to the left

Drawings on p. 44

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	3042 mm
• Standard	3276 mm
• With 1 height extension	
Rise per step	172 - 234 mm
Free passage width	700 mm

# Joker

## Straight-lined staircase with solid wood handrail

Straightforward and practical - these words could be used to describe the space-saving staircase Joker. The straight wooden steps are extremely stable and offer a large tread area. The banister with solid wood handrail ensures comfort and the necessary safety when climbing the stairs. This also makes the Joker the ideal choice for families with children or pets. Like all Minka system staircases, you can also personalise the Joker to suit your individual requirements.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- straight

Drawings on p. 44

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



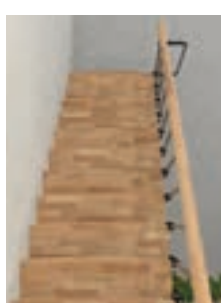
**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	3042 mm
• Standard	3276 mm
• With 1 height extension	
Rise per step	172 - 234 mm
Free passage width	700 mm

# Joker Turn

## Space-saving staircase with solid wood handrail and quarter turn

The space-saving staircase Joker Turn skilfully combines metal and wood. The rectangular steps provide a comfortable step, while the solid wood handrail sits comfortably in the hand. The steel base frame and balusters provide the necessary stability when climbing the stairs. The Joker Turn is supplied with a set of steps that allows the staircase to be set up with a 90-degree turn. You are free to decide whether the staircase should turn to the left or right.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- 1/4 turned to the right
- 1/4 turned to the left

Drawings on p. 44

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



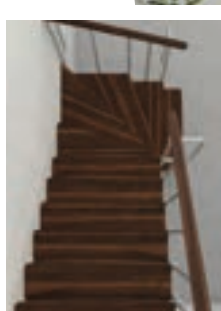
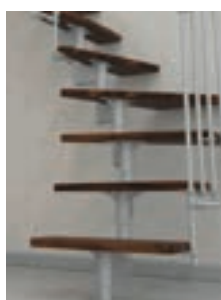
**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	3042 mm
• Standard	3042 mm
• With 1 height extension	3276 mm
Rise per step	172 - 234 mm
Free passage width	700 mm

# Joker Turn 180°

## Half-turned space-saving staircase for angled rooms

The Joker Turn 180° is a special version of the space-saving staircases Joker or Joker Turn. What makes it unique is that it is supplied with two sets of special steps. These allow the staircase to be set up with two 90° turns, which means that the Joker Turn 180° is a half-turning staircase. It is extremely flexible to install, as the special steps for the turn can be fitted at any point. This allows you to use the staircase optimally in angled rooms.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- 1/2 turned

Drawings on p. 44

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



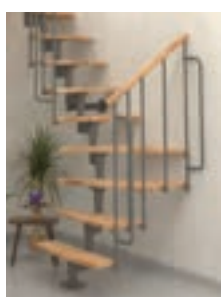
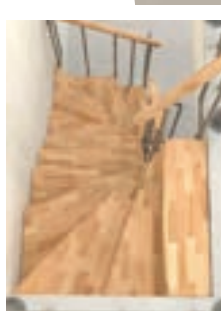
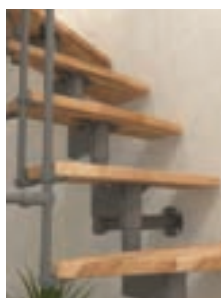
**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	3042 mm
• Standard	3042 mm
• With 1 height extension	3276 mm
Rise per step	172 - 234 mm
Free passage width	700 mm



# Nizza

## Flexible centre stringer stairs with stainless steel chords and PVC handrail

The centre stringer staircase Nizza from Minka offers a perfect combination of appearance and function. Together with the discreet metal supports, the solid wooden steps create an unusual yet simple look. The curved shape of the steps is not only a visual highlight, but also enables steeper installation. This means that the room-saving staircase Nizza is also suitable for very narrow rooms.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- straight
- winding

Drawings on p. 43

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	
• Standard	2938 mm
• With 1 height extension	3164 mm
Rise per step	172 - 226 mm
Free passage width	600 mm

# Monte Carlo

## One-sided steps ensure extreme compactness

The combination of round and straight lines makes the Monte Carlo an elegant yet simple space-saving staircase. With its rounded wooden steps, the Monte Carlo takes up very little space and therefore fits into almost any living space. Thanks to the flexible base frame and the PVC handrail, the Monte Carlo can not only be installed straight, but also easily turned to the left or right. This allows you to save even more space and still reach the next floor safely.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- straight
- winding

Drawings on p. 43

### WOOD



#### Beech

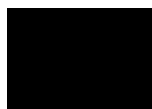
lacquered



#### Walnut

beech stained dark, lacquered

### METAL



#### Black

RAL 9004 FS



#### Grey

RAL 9023 FS



#### White

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	2938 mm
• Standard	3164 mm
• With 1 height extension	
Rise per step	172 - 226 mm
Free passage width	600 mm

# Monaco

## Steep centre stringer staircase with elegant banister

The space-saving staircase Monaco skilfully combines design with functionality. With its rounded steps and elegant banister, the Monaco is an extraordinary eye-catcher in your living space. At the same time, it takes up very little space and can also be installed in very narrow and tight places. Thanks to the Monaco's flexible support elements, it can be installed straight or slightly turned to the left or right.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- straight
- winding

Drawings on p. 43

### WOOD



**Beech**

lacquered



**Walnut**

beech stained dark, lacquered

### METAL



**Black**

RAL 9004 FS



**Grey**

RAL 9023 FS



**White**

RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	
• Standard	2938 mm
• With 1 height extension	3164 mm
Rise per step	172 - 226 mm
Free passage width	600 mm

# Vienna

## Combination of edgy steps and plain railing

With its single-sided steps, the staircase Vienna is a real space saver. This model can even be installed and used where space is very limited. Thanks to the sturdy bar railing with PVC handrail, you can reach the next floor safely despite the steeper incline. The steps of the staircase Vienna are made of solid beech wood. This is finished with a high-quality varnish, giving the material a slight sheen.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- straight
- winding

Drawings on p. 43

### WOOD

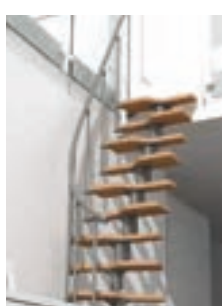


**Beech**  
lacquered

### METAL



**Black** RAL 9004 FS    **Grey** RAL 9023 FS    **White** RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	<ul style="list-style-type: none"> <li>• Standard 2938 mm</li> <li>• With 1 height extension 3164 mm</li> </ul>
Rise per step	172 - 226 mm
Free passage width	600 mm

# Twister

## Solid beech wood steps combined with a unique banister

The Twister from Minka is a particularly space-saving staircase. It can also be used in extremely small ceiling openings - making it an ideal staircase solution for loft conversions or renovation projects in particular. The extraordinary steel banister ensures a unique look and safe ascent and descent. The centre stringer staircase can be installed straight or slightly turned to the left or right as required.

### ACCESSORIES

- Height extension (max. 1 per staircase)
- Balustrade
- Second railing
- Support tube

### STAIRCASE LAYOUT

- straight
- winding

Drawings on p. 43

### WOOD



**Beech**  
lacquered

### METAL



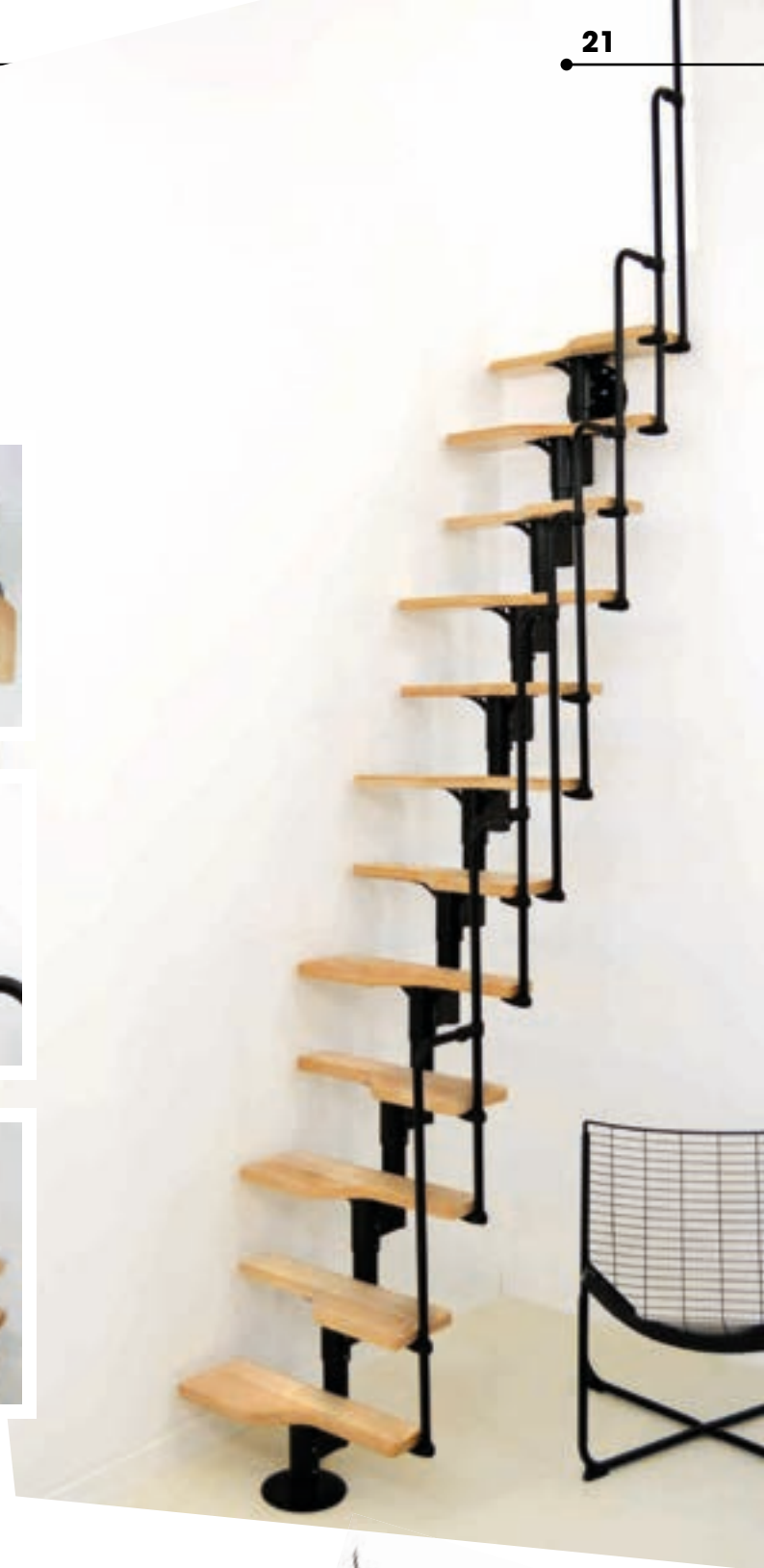
**Black**  
RAL 9004 FS



**Grey**  
RAL 9023 FS



**White**  
RAL 9016 FS



### TECHNICAL DATA

Number of steps	12
Maximum storey height	2938 mm
• Standard	3164 mm
• With 1 height extension	
Rise per step	172 - 226 mm
Free passage width	600 mm

# Stringer stairs made of wood

## Nature for your home

Our space-saving wooden staircases are the ideal solution for compact rooms where functionality and design are equally important.

The grain and colour nuances of the wood give each staircase an individual character that enriches the living space. Whether beech or spruce, varnished or untreated - wooden staircases lend every room a warm and natural atmosphere.

However, wooden staircases are not only aesthetically pleasing, but also extremely stable and durable if they are properly cared for. The wood used for our stringer stairs comes from Europe and is characterised by its high quality.

Thanks to their sophisticated design, the height of the stairs can be customised - by simply cutting them to size on site, they can be perfectly integrated into any living environment.





# Home

## Stairs made of solid wood with risers for maximum safety

The stringer staircase Home is special for two reasons: firstly, it is made entirely of wood and secondly, it has so-called risers, which make the staircase even safer to use. These features make the Home the ideal choice for families with children or pets. Depending on whether you prefer a warmer or cooler tone, you can choose between darker beech and lighter spruce wood for the stringer staircase Home.

### ACCESSORIES

- Stair railing wood for one side (A)
- Stair railing wood/stainless steel for one side (B)
- Balustrade wood 1 m or 3 m
- Balustrade wood/stainless steel 1 m or 3 m

### STAIRCASE LAYOUT

- straight

Drawings on p. 44

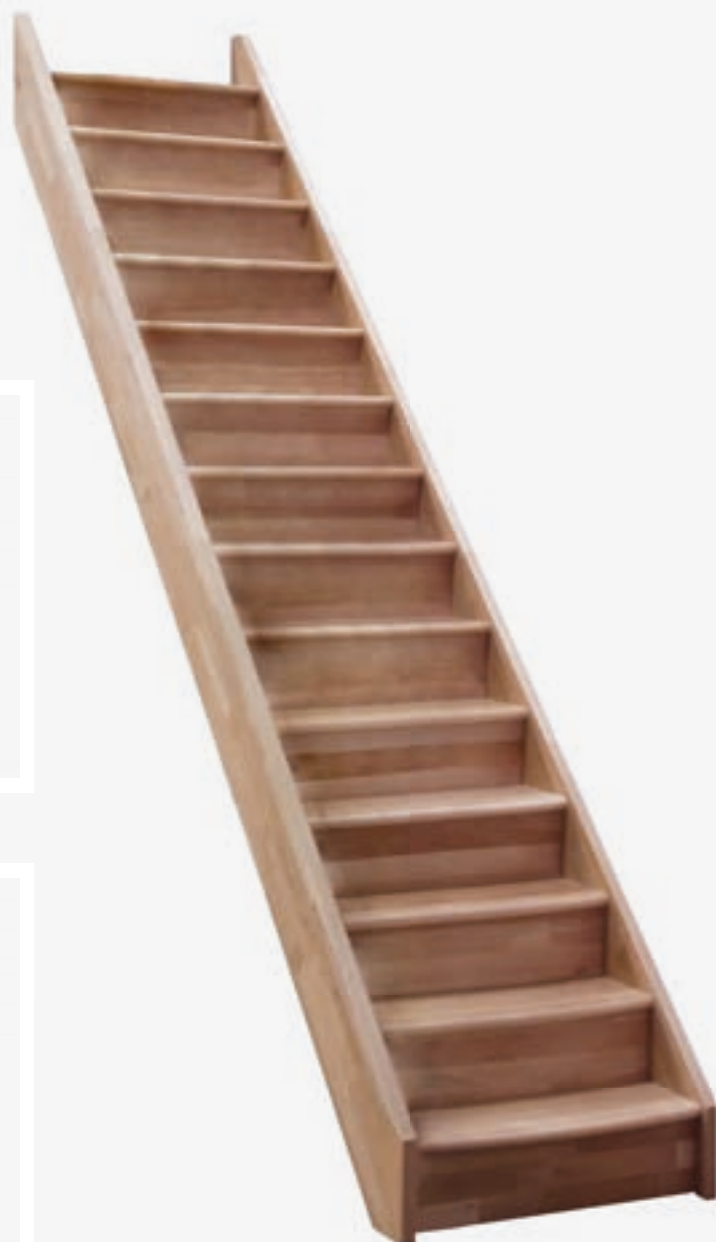
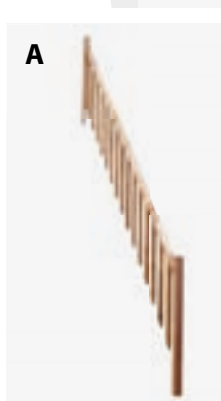
### WOOD



**Beech**  
unlacquered



**Spruce**  
unlacquered



### TECHNICAL DATA

Number of steps	14
Maximum storey height	3000 mm
Rise per step	200 mm
Free passage width	800 mm



# Home Turn

## Solid wood staircase with risers and quarter turn

The Home Turn is the quarter-turn version of the stringer staircase Home. It is made of solid wood and has vertical risers that cover the gaps between the treads. This makes the Home Turn particularly safe to use and perfect for families with children and pets. The stringer staircase Home Turn is available as a left-turning version and a right-turning version. You can choose between beech and spruce for the wood types.

### ACCESSORIES

- Stair railing wood for one side (A)
- Stair railing wood/stainless steel for one side (B)
- Balustrade wood 1 m or 3 m
- Balustrade wood/stainless steel 1 m or 3 m

### STAIRCASE LAYOUT

- 1/4 turned to the right
- 1/4 turned to the left

Drawings on p. 44

### WOOD



**Beech**  
unlacquered



**Spruce**  
unlacquered



### TECHNICAL DATA

Number of steps	14
Maximum storey height	3000 mm
Rise per step	200 mm
Free passage width	800 mm

# Classic

## Straight staircase made of solid wood and with different railings

The simple wooden staircase Classic fits perfectly into houses with a country house style or Scandinavian furnishing style. It is not only a visual highlight, but also very stable and robust thanks to its solid wood construction. Depending on which look you prefer, you can choose between beech and spruce wood for the room-saving staircase Classic. You can optionally secure the staircase with a railing.

### ACCESSORIES

- Stair railing wood for one side (A)
- Stair railing wood/stainless steel for one side (B)
- Balustrade wood 1 m or 3 m
- Balustrade wood/stainless steel 1 m or 3 m

### STAIRCASE LAYOUT

- straight

Drawings on p. 44

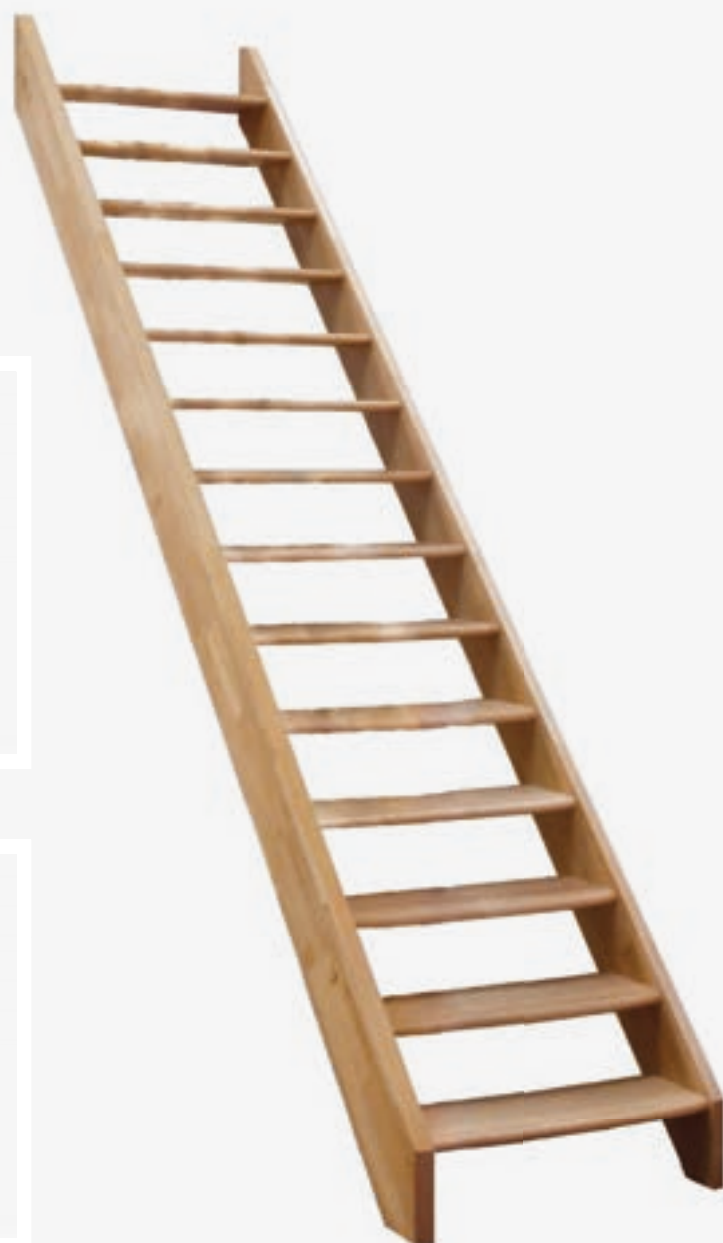
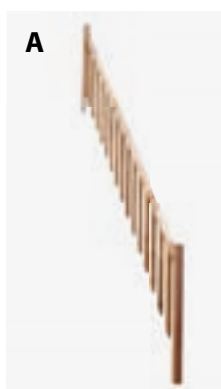
### WOOD



**Beech**  
unlacquered



**Spruce**  
unlacquered



### TECHNICAL DATA

Number of steps	14
Maximum storey height	3000 mm
Rise per step	200 mm
Free passage width	800 mm

# Classic Turn

## Quarter-turning staircase made of solid beech or spruce wood

The space-saving staircase Classic Turn is a special form of the Classic - the special feature of this variant is that it has a 90 degree turn. This means that the Classic Turn makes it easy to climb to the next floor, even in rooms with many corners. It is also made entirely from solid wood, which makes it extremely sturdy on the one hand and visually appealing on the other. You can choose between darker beech and lighter-coloured spruce wood.

### ACCESSORIES

- Stair railing wood for one side (A)
- Stair railing wood/stainless steel for one side (B)
- Balustrade wood 1 m or 3 m
- Balustrade wood/stainless steel 1 m or 3 m

### STAIRCASE LAYOUT

- 1/4 turned to the right
- 1/4 turned to the left

Drawings on p. 44

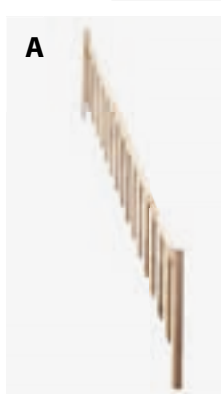
### WOOD



**Beech**  
unlacquered



**Spruce**  
unlacquered



### TECHNICAL DATA

Number of steps	14
Maximum storey height	3000 mm
Rise per step	200 mm
Free passage width	800 mm

# Boras

## Affordable solid wood staircase with full-surface treads

The space-saving staircase Boras requires very little space despite its full-surface steps. It can be installed in ceiling openings from a size of 175 x 63 cm, but is also extremely comfortable to walk on. The Boras staircase not only impresses with its functionality, but also with its attractive appearance. It is made of solid spruce wood, which is not varnished for a natural look.



### ACCESSORIES

- Second railing

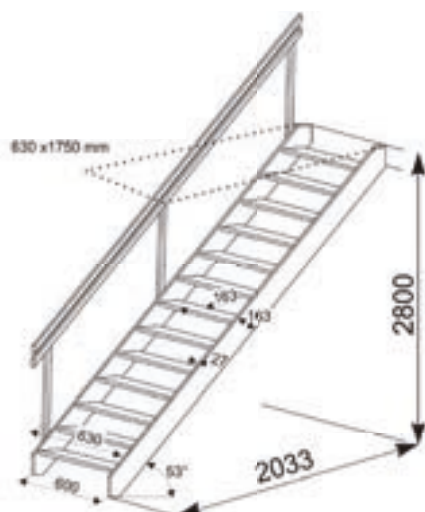
### STAIRCASE LAYOUT

- straight

### WOOD



**Spruce**  
unlacquered



### TECHNICAL DATA

Number of steps	13
Maximum storey height	2800 mm
Rise per step	200 mm
Free passage width	570 mm

# Softline

## Extremely space-saving wooden staircase with one-sided steps

The stringer staircase Softline impresses with its particularly stable structure made of natural solid spruce wood. The 27 mm thick steps, together with the handrail, ensure that you can reach the next floor safely. Thanks to the single-sided steps, the Softline is a real space saver. It can be installed in ceiling openings as small as 130 x 65 cm. The floor height of 280 cm can easily be reduced by cutting off the staircase.



### ACCESSORIES

- Second railing

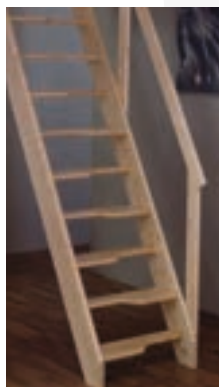
### STAIRCASE LAYOUT

- straight

### WOOD



**Spruce**  
unlacquered



### TECHNICAL DATA

Number of steps	13
Maximum storey height	2800 mm
Rise per step	200 mm
Free passage width	570 mm

# Space-saving ladder stairs

## Up the ladder!

Ladder stairs are an ideal solution for rooms with limited space. Thanks to their steeper design and narrower steps, they take up significantly less space than conventional stairs, but still provide safe access to upper floors or attics. They are particularly popular in small flats, studios or as access to galleries, bookshelves and loft beds.

Minka's ladder stairs are made of wood and/or powder-coated metal. When they are not in use, they can be folded away or pushed against the wall. Despite their compact size, they combine functionality with a modern design that blends seamlessly into different interior styles.

Ladder stairs from Minka are therefore a clever and stylish solution for anyone who wants to achieve a lot in a small space.

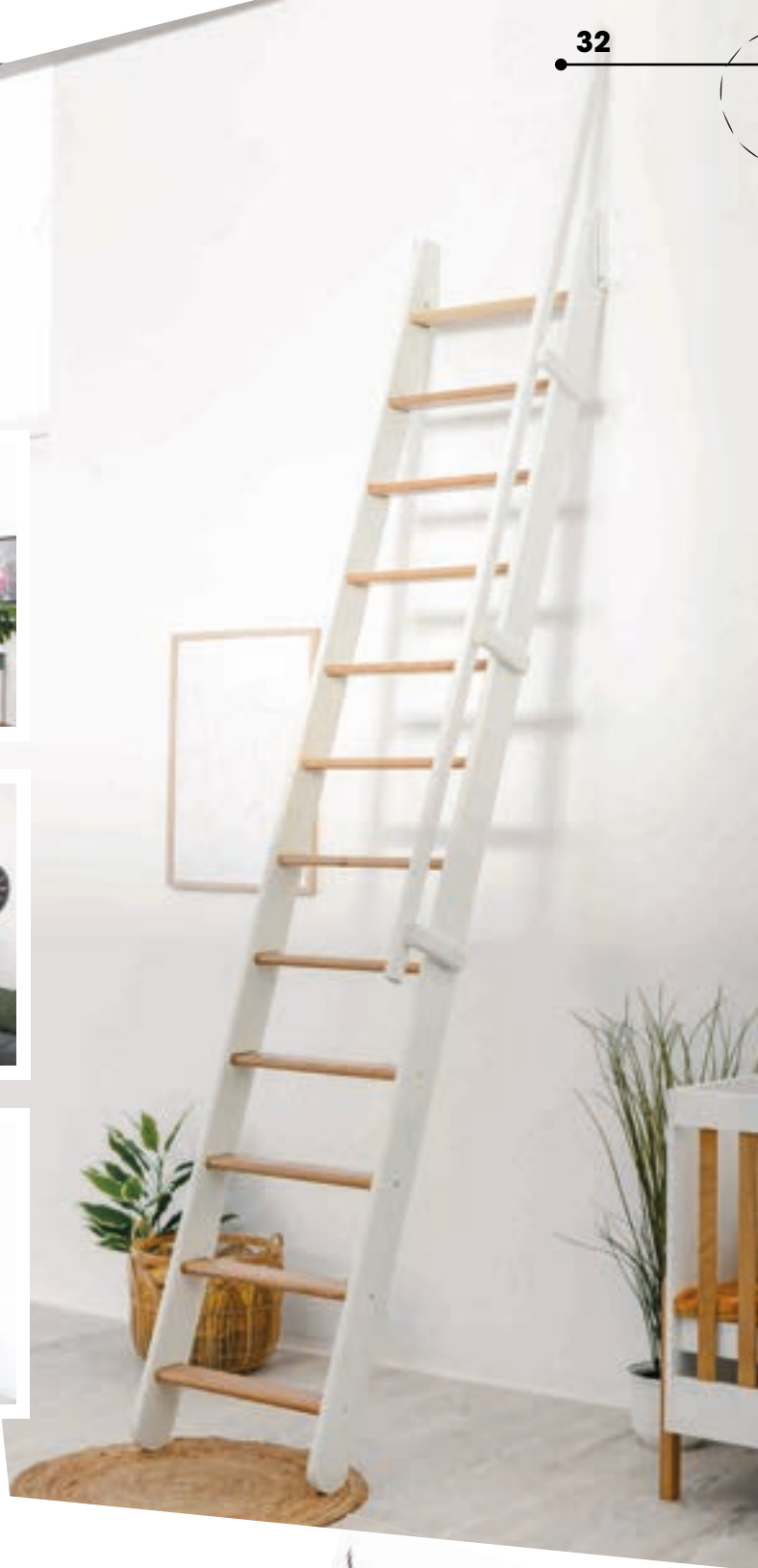
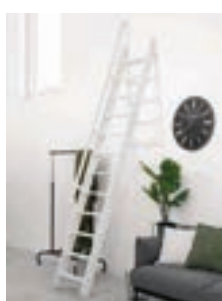




# Flexiblo

## Space-saving wooden ladder in many different colours

Anyone looking for a particularly space-saving staircase solution is well advised to choose the Flexiblo solid wood staircase. It can be used from a ceiling opening size of 80 x 60 cm. However, it is not only suitable for climbing to a higher floor, but also as a loft bed ladder, for example. The attachment to the wall is designed so that the staircase can be pushed completely against the wall when not in use. With five different colour variants, the Flexiblo also offers a wide range of visual options.



### ACCESSORIES

- Second railing

### STAIRCASE LAYOUT

- straight

Drawings on p. 45

### WOOD



#### Oak White

Steps oak lacquered, stringers spruce lacquered in white



#### Black

Spruce black lacquered

#### White

Spruce white lacquered



#### Beech

unlacquered

#### Spruce

unlacquered



### TECHNICAL DATA

Number of steps	12
Maximum storey height	3000 mm
Rise per step	235 mm
Free passage width	500 mm



# Strong

## Ladder stairs with steel stringers that can be pushed to the wall

The ladder staircase Strong from Minka is ideal for anyone looking for a particularly space-saving solution. The big advantage of the Strong is that it can be pushed back into a vertical position after use and therefore no longer protrudes into the room. This makes it ideal not only as a staircase, but also as a loft bed ladder. The room-saving staircase Strong is available in four sizes: depending on your individual situation, you can choose between six, eight, ten or twelve steps.

### STAIRCASE LAYOUT

- straight

Drawings on p. 45



### WOOD



**Beech**  
unlacquered



**Spruce**  
unlacquered

### METAL



**Black**  
RAL 9004 FS



**White**  
RAL 9016 FS



### TECHNICAL DATA

Number of steps	6, 8, 10 or 12
Maximum storey height	1520, 1990, 2430 or 2900 mm
Rise per step	220 mm
Free passage width	325 mm

# Woody

## Simple spruce ladder with PVC stair shoes

The ladder staircase Woody is a space-saving and elegant solution for interiors. It is attached to the wall and can be pushed into a vertical position after use so that it hardly takes up any space and is visually discreet. The ladder is made of high-quality, natural spruce wood, which provides a warm and natural look and is stable and durable. The brackets on the wall are made of powder-coated steel. The stair shoes consist of PVC and protect the floor from scratches.

### STAIRCASE LAYOUT

- straight

### WOOD



**Spruce**  
unlacquered



### TECHNICAL DATA

Number of steps	12
Maximum storey height	3000 mm
Rise per step	235 mm
Free passage width	345 mm

# Facts about Minka

## Everything under one roof

Everything happens under one roof, from metal preparation to the precise production of parts and powder coating. The entire production of our staircase parts takes place at our main site in St. Lorenzen im Mürztal.



## Precision through laser technology

In recent years, we have invested heavily in the expansion of our production facilities. We use state-of-the-art laser technology to shape the metal parts for our staircases. Automated processing ensures maximum precision.



## Wood from sustainable sources

The wood for our system staircases comes from Bosnia, Poland and Slovakia. Both the beech and oak wood are FSC-certified. Our pure wooden staircases are also sourced from Europe.



# Suitable balustrades

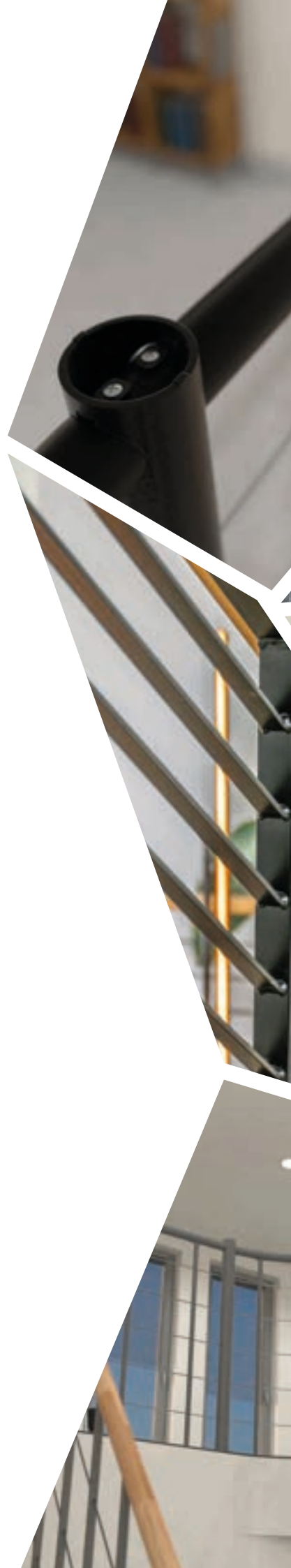
## **Better safe than sorry**

The balustrades from Minka are the ideal way to secure your ceiling hatch or gallery. The railings are one metre high and protect young and old from falling down.

Our balustrades are available in various designs to match the Minka stairs. With stainless steel bottom rails, the result is a modern look. The version with vertical balusters is particularly safe, even for small children.

As with the spiral staircases, the metal parts of the balustrades can also be powder-coated in black, grey or white. The handrail is either in the same colour or made of solid wood. Here you can choose between the wood colours beech, walnut, oak and stained white.

Thanks to the flexible choice of colours, you can customise your banister just like the Minka space-saving staircases.





## Wood horizontal

- Balustrade with bottom chords and wooden handrail
- Fits the following space-saving staircases: Quatro, Quatro Turn, Style, Style Turn
- Fits the following spiral staircase: Venezia
- Powder-coated steel balusters, stainless steel bottom rails and solid wood handrail
- Straight or round (diameter 120, 140 or 160 cm)
- Length and height: 100 cm

### WOOD



#### Beech

lacquered



#### Walnut

beech stained dark, lacquered



#### Oak

lacquered



#### White

beech stained light, lacquered

### METAL



#### Black

RAL 9004 FS



#### Grey

RAL 9023 FS



#### White

RAL 9016 FS



straight



round



## PVC horizontal

- Balustrade with stainless steel bottom chords and PVC handrail
- Fits the following space-saving staircases: Comfort Top, Comfort Top Turn, Nizza
- Fits the following spiral staircases: Fusion, Venezia Smart, Milano, Spino Smart, Helios
- Can be installed with a straight or round run
- Length and height: 100 cm

### COLOURS



#### Black

RAL 9004 FS



#### Grey

RAL 9023 FS



#### White

RAL 9016 FS



## Wood vertical

- Balustrade with vertical steel bars and wooden handrail
- Fits the following space-saving staircases: Joker, Joker Turn, Joker Turn 180°
- Fits the following spiral staircase: Spiral Wood
- Powder-coated steel balusters, solid wood handrail
- Straight or round (diameter 120, 140 or 160 cm)
- Length and height: 100 cm

### WOOD



**Beech**  
lacquered



**Walnut**  
beech stained  
dark, lacquered

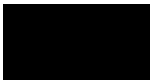


**Oak**  
lacquered



**White**  
beech stained  
light, lacquered

### METAL



**Black**  
RAL 9004 FS



**Grey**  
RAL 9023 FS



**White**  
RAL 9016 FS



straight



round



## PVC vertical

- Balustrade with vertical steel bars and PVC handrail
- Fits the following space-saving staircases: Monte Carlo, Monaco, Vienna, Twister
- Fits the following spiral staircases: Switch, Spiral Smart, Berlin, Paris, Portofino, Rondo Smart, Luna, Metallica, Metallica Smart, Suono, Suono Smart
- Construction with straight and round run possible
- Length and height: 100 cm

### COLOURS



**Black**  
RAL 9004 FS



**Grey**  
RAL 9023 FS



**White**  
RAL 9016 FS





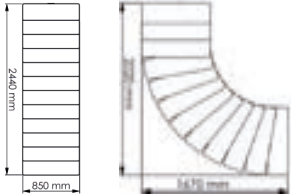
MONACO	VIENNA	TWISTER	HOME	HOME TURN	CLASSIC	CLASSIC TURN	BORAS	SOFTLINE	FLEXIBLO	STRONG	WOODY
straight, turned	straight, turned	straight, turned	straight	1/4 turned	straight	1/4 turned	straight	straight	straight	straight	straight
635	635	635	850	850	850	850	630	627	580	635	400
1425	1425	1425	2780	2970	2780	2970	2033	1595	1100	610-1150	1100
1250x650	1250x650	1250x650	2200x850	2200x850	2200x850	2200x850	1750x630	1300x650	800x600	800x400	800x450
2938	2938	2938	3000	3000	3000	3000	2800	2800	3000	1520-2900	3000
3164	3164	3164	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
12	12	12	14	14	14	14	13	13	12	6, 8, 10, 12	12
1	1	1	-	-	-	-	-	-	-	-	-
13	13	13	15	15	15	15	14	14	13	7, 9, 11, 13	13
172-226	172-226	172-226	200	200	200	200	200	200	235	220	235
210	210	210	200	200	200	200	151	180	100	80	75
600	600	600	800	800	800	800	570	570	500	325	345
900	900	900	900	900	900	900	900	900	-	-	-
35	35	35	30	30	30	30	27	27	27	27	27
22	22	22	-	-	-	-	-	-	-	-	-
22	40	22	-	-	-	-	-	-	-	-	-

\*depending on installation variant - exact dimensions in the technical drawings or on request

# Technical drawings

Here you will find the technical drawings of our space-saving staircases. These show you a bird's eye view of the floor area and the possible staircase layouts of the individual models.

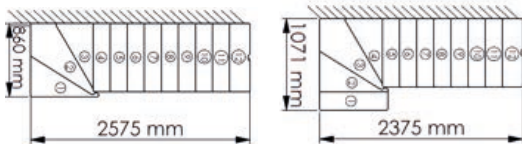
## COMFORT TOP



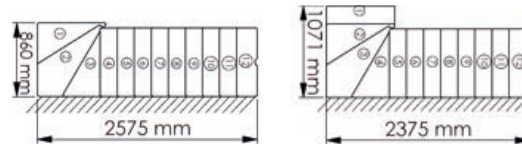
## COMFORT TOP TURN

### Option A: With floor support tubes

#### right-turning



#### left-turning

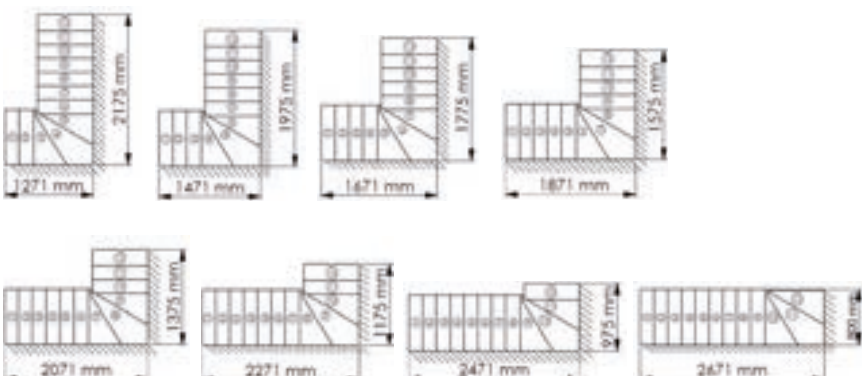


### Option B: With angles to stabilise the steps on the wall

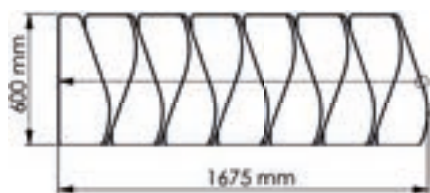
#### right-turning



#### left-turning

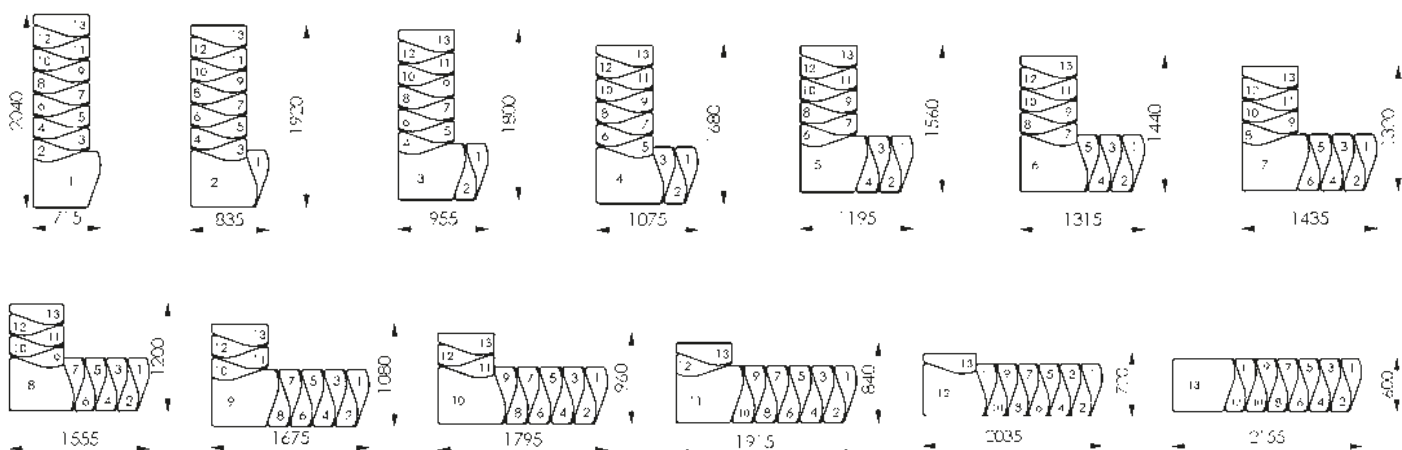


## QUATRO

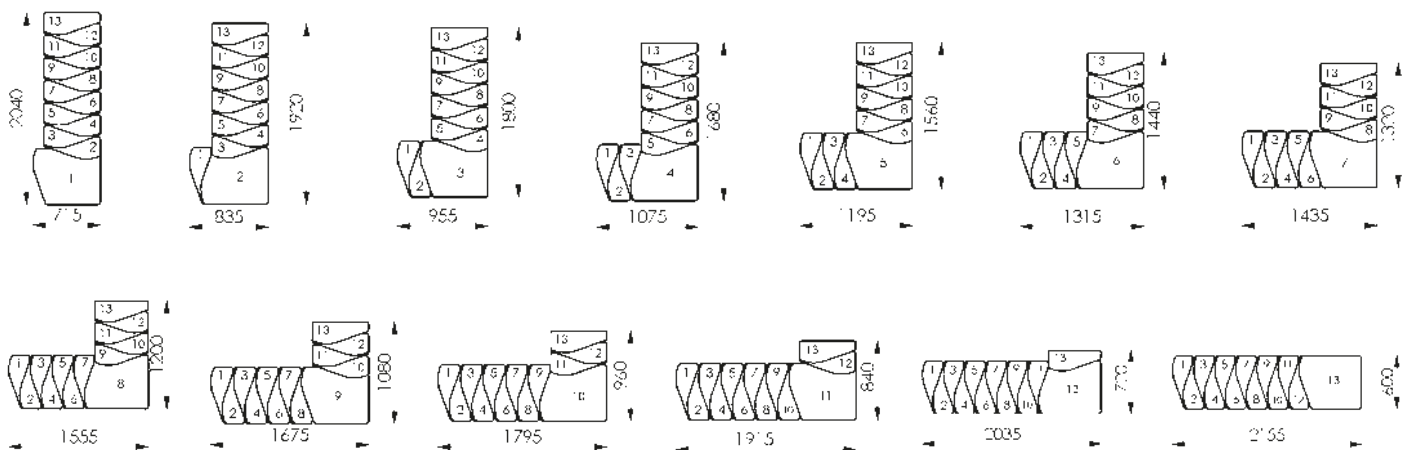


## QUATRO TURN

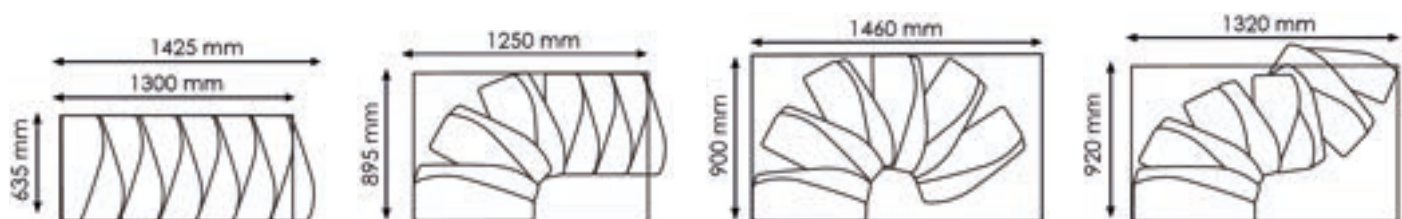
right-turning



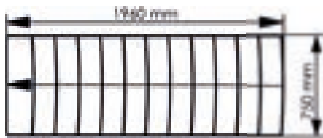
left-turning



## NIZZA, MONTE CARLO, MONACO, VIENNA AND TWISTER

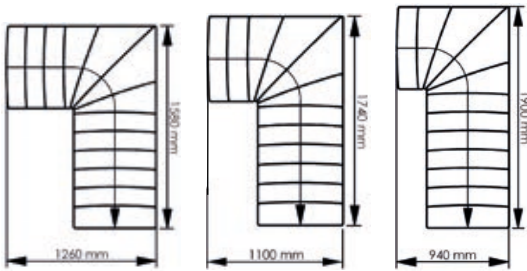


## JOKER AND STYLE

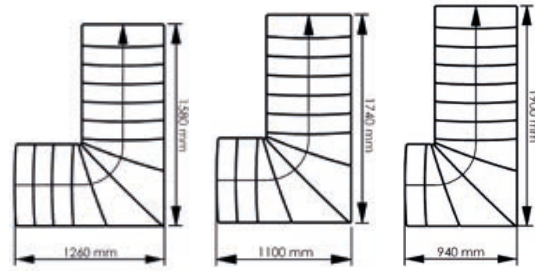


## JOKER TURN AND STYLE TURN

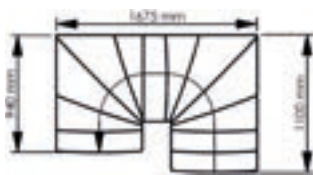
right-turning



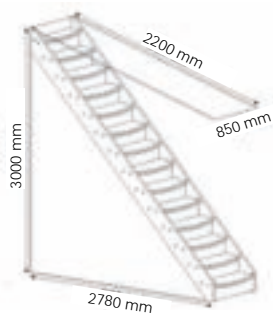
left-turning



## JOKER TURN 180°

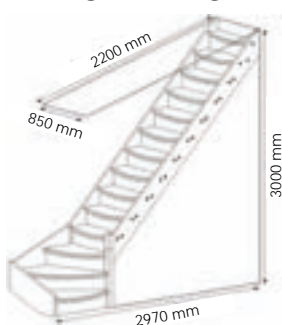


## HOME AND CLASSIC

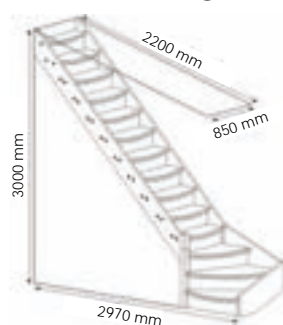


## HOME TURN AND CLASSIC TURN

right-turning



left-turning



## FLEXIBLO

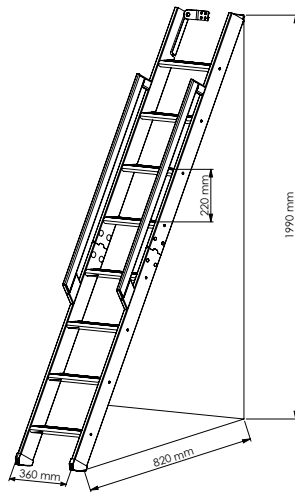


## STRONG

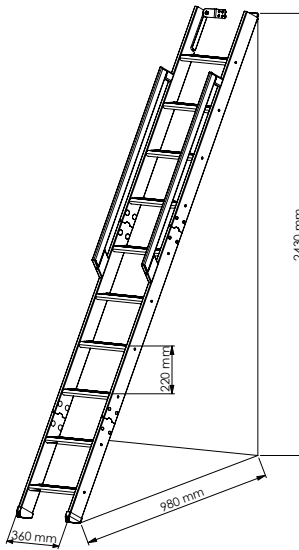
**Strong 6**



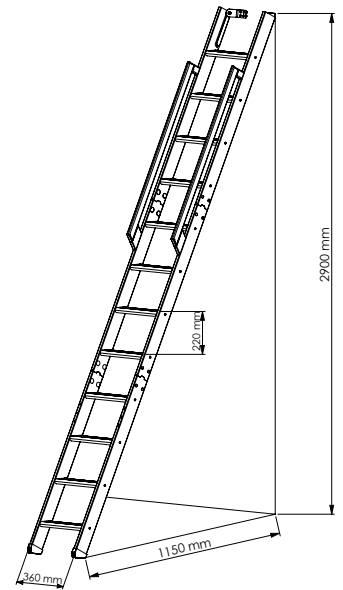
**Strong 8**



**Strong 10**



**Strong 12**



When planning, consider where the entry and exit of your space-saving staircase should be located. There should be enough space in front of the bottom step so that you can step onto the stairs comfortably. Make sure that the last step does not end against a wall and that there is also enough space at the top so that you can easily exit the staircase on the upper floor.

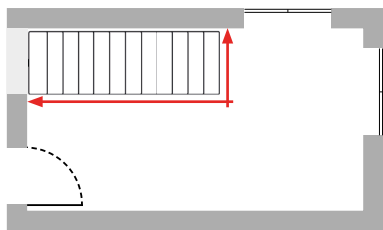
The last step can either be flush with the floor of the next level or - if the ceiling thickness is sufficient - a little below it. In this way, you can use the wall to create an additional rise and get a little higher.

In addition to the walls, windows, doors and radiators must also be considered when planning. If these obstruct the course of the stairs, a quarter-turning version may be the solution. Our quarter-turning space-saving staircases can be installed with a turn to the left or to the right.

# Measuring and planning

Before you choose a staircase model, you should measure your room situation precisely. We recommend recording the values in a true-to-scale drawing - this will make it easier for you to visualise the staircase in the room.

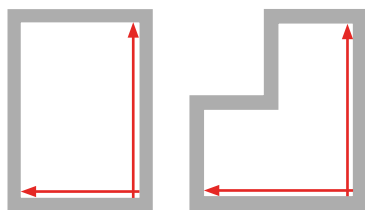
Here you will find an overview of the most important dimensions that you should know before buying or installing a staircase.



## Basic size

The space available for your staircase is decisive in determining which models are suitable. The best way to do this is to measure the length and width of the space available for the staircase on the floor of the room.

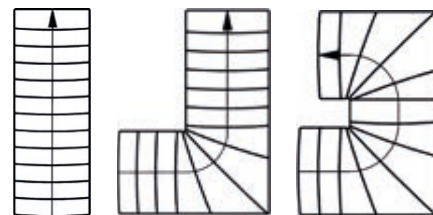
It can help to take a floor plan of the room. When measuring the basic size, be sure to take windows, doors and radiators into account so that they are not in the way or covered by the stairs.



## Dimensions of the ceiling opening

Our straight space-saving staircases are best suited for galleries or rectangular ceiling openings. Our quarter-turning models are also suitable for L-shaped ceiling openings. Be sure to measure the length and width of your ceiling opening before purchasing your staircase.

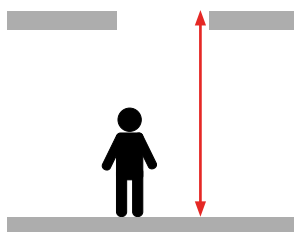
The table with the technical data on p. 40-41 shows you how large the minimum ceiling opening must be for the respective models. These dimensions already take into account that an adult person can climb the stairs upright without hitting their head.



## Staircase layout

In addition to straight staircases, we also have some turning models in our range. These have one or even two 90-degree turns and can therefore also be installed in angled rooms. They can be left- or right-turning, depending on which way you have to turn when you climb the stairs.

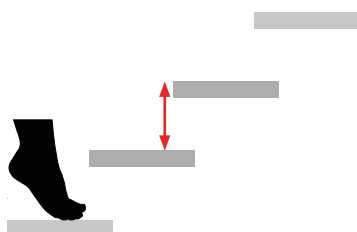
With some Minka models, the turn can only be installed at a specific point, with others at any point between the first and last step. Please take a look at the technical drawings on pages 42-45 to see the possible staircase layouts.



## Storey height

The storey height is measured from the top edge of the floor to the top edge of the ceiling or gallery. Make sure that you measure exactly at right angles to the floor. It can be helpful to place the tape measure or folding rule along a wall.

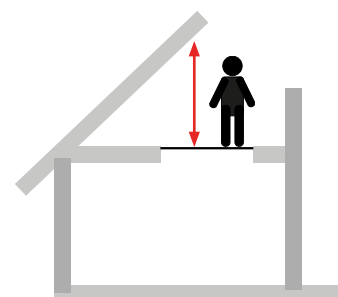
If the maximum storey height of a Minka space-saving staircase is too low for your room, you can extend most models with the help of separately available height extensions.



## Rise per step

The rise of a staircase indicates how steeply a staircase goes upwards. Specifically, it describes the height from one tread to the next. A staircase with a low rise per step is easier to climb, but it also takes up more space. The opposite is true for a high rise.

You can set the gradient of the Minka system staircases yourself within certain limits. This allows you to adjust the storey height of the staircase flexibly, so that it exactly meets your requirements.



## Standing height

If there is a sloping roof on the upper floor, the height from the landing to the ceiling should be at least 1.90 metres. This will ensure that nobody bumps their head when climbing the stairs.

# Stair dictionary

## Bottom chords

Bottom chords are horizontal bars in the banister. In Minka system staircases, the bottom chords are made of stainless steel.

## Centre stringer staircase

A central or centre stringer staircase is a special type of space-saving staircase in which the steps are mounted on support elements along the centre line of the staircase. The support elements are made of metal and are adjustable in height, which means that central stringer stairs are considered very flexible and space-saving. Central stringer staircases are sometimes also called mono-stringer staircases.

## Entry and exit

The term entry refers to the beginning of the staircase or the bottom step. Exit, on the other hand, refers to the end of a staircase or the last step.

## Free passage width

The free or clear passage width is the usable area on the steps. It is slightly smaller than the step width, as the railing usually takes up some space at the sides.

## Handrail

A handrail is the upper part of a railing that you can hold on to when climbing stairs. With Minka space-saving staircases, the handrail is usually made of solid wood or PVC.

## Height extension

Height extensions are available as an optional extra for most of our system staircases. You need a height extension if you need to achieve a room height that exceeds the standard dimensions. If you order a height extension, you will receive an additional step as well as the additional material for the extended banister.

## Landing

Landing is the distance that a staircase needs from the rearmost point to the foremost point. The landing is therefore a measure of how much space a staircase requires. However, it should be remembered that space is also required in front of the first step in order to be able to climb the stairs comfortably.

## Quarter-turning / half-turning

The term quarter-turning describes a 90-degree turn in a staircase. This is created with the help of several bevelled steps or an intermediate platform. Viewed from above, a quarter-turning staircase looks like an L. A half-turning staircase has a 180-degree turn and is U-shaped from a bird's eye view.

## Riser

A stair tread consists of a tread and a riser. The term riser refers to the vertical side of a step. On our spiral staircases, there is an empty space between the individual steps as standard. However, a metal riser can be fitted as an option on the wooden steps. This is particularly useful if small children use the stairs, which is why the riser is also known as child safety rail.

## Samba stairs

Due to their bevelled shape, the steps of so-called samba stairs can only be stepped on on one side. On the one hand, this makes samba stairs somewhat less comfortable to climb than stairs with straight block steps. But on the other hand, they are also particularly space-saving.

## Secondary staircase / non-essential staircase

All Minka staircases fall into the category of 'secondary staircase' or 'non-essential staircase' under building regulations. Such stairs are often used to reach a loft or to provide a second access to a floor or gallery.

## Space-saving staircase

As the name suggests, space-saving staircases are usually used in places where there is not much space. Due to their steep incline, they require very little floor space.

## Staining

Staining involves applying a chemical solution (stain) to the surface of the wood. This changes the colour of the wood, but the natural grain is retained. The walnut treads of the Minka stairs, for example, are not made from real walnut wood, but from beech wood that has been stained to create a walnut look.

## Stair shoes

Stair shoes are the plastic attachments at the bottom of attic stairs or loft bed ladders. They ensure that the wood or metal of the stairs does not wear down and also prevent scratches on the floor.

## Stair stringer

The term stair stringer is used by experts to describe the two side parts of stairs or ladders to which the steps are attached.

## Step thickness

The step thickness indicates how thick the material of the steps is - it is measured from the bottom edge of the step to the top edge of the step.

## System staircase

Minka's space-saving staircases and spiral staircases belong to the category of system staircases. System staircases consist of a modular system - so there are different wood variants, metal colours and sizes to choose from. The modular system enables private individuals to assemble their staircase themselves.

## Tread

A stair step consists of the tread and the riser. The tread is the horizontal surface of the step that you step on with your foot.

## Tread depth

The tread depth indicates the distance from the front edge of one step to the front edge of the next step. In other words, this refers to the tread area on the step that the foot has to the front. The greater the tread depth, the more comfortable it is to walk on the stairs.

**Important note: Before installing a staircase, please always check the country-specific building regulations!**



## CONTACT



### Headquarters

Flurgasse 6  
8642 St. Lorenzen i. M.  
AUSTRIA

### Second location

Schrackgasse 9  
8650 Kindberg  
AUSTRIA



**+43 3864 / 2238-0**



**office@minka.at**



**www.minka.at**

### HOTLINE FOR TECHNICAL QUESTIONS

Monday to Saturday, 08:00-20:00 (CET)

Austria: +43 3864 / 2238-16

International: +43 3864 / 2238-7000

© Minka Holz- und Metallverarbeitungs GmbH, 2025  
The data contained in this catalogue has been compiled and checked with great care. Nevertheless, errors in content and changes to the data due to technical developments are possible. We therefore accept no liability for any inaccuracies in this catalogue. All information in this catalogue is for informative purposes only and does not constitute an offer for sale. The images may differ from the actual appearance.

**Space-saving stairs**

**Spiral stairs**

**Attic stairs**

**External stairs**

**Stair safety gates**



**Version: 01 / 2025**