



ATTIC STAIRS

Fire-retardant, insulating, reliable



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.



Fire-retardant, insulating, reliable

Attic stairs made of wood or steel

Attic stairs, also known as loft ladders, are a space-saving and practical solution for providing access to a loft or attic. They are designed so that they can be easily folded out when required and stowed away again after use to save space.

Minka loft ladders are available in various sizes and materials to suit different needs and spatial conditions. The wooden stairs offer a natural look and are easy to fold in and out. Our steel stairs are also very robust and durable, making them ideal for frequent use. Moreover, we offer scissor stairs that can be pulled apart like an accordion, making them the ideal solution where space is limited.

In addition to the material and size, the most important criteria when choosing a loft ladder are fire resistance and insulation. Minka offers various fire-retardant models that can delay the spread of fire by up to 60 minutes. Thermal insulation plays a crucial role, especially in energy-efficient homes. Our highly insulated loft ladders prevent heat from escaping through access to the loft. This helps to reduce energy losses and therefore also cuts heating costs.

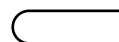
Attic stairs offer a practical and functional way to utilise the attic efficiently, whether for additional storage space or as living space. The right choice of staircase, adapted to the specific needs and structural conditions, can make access to the loft convenient, safe and energy-efficient.

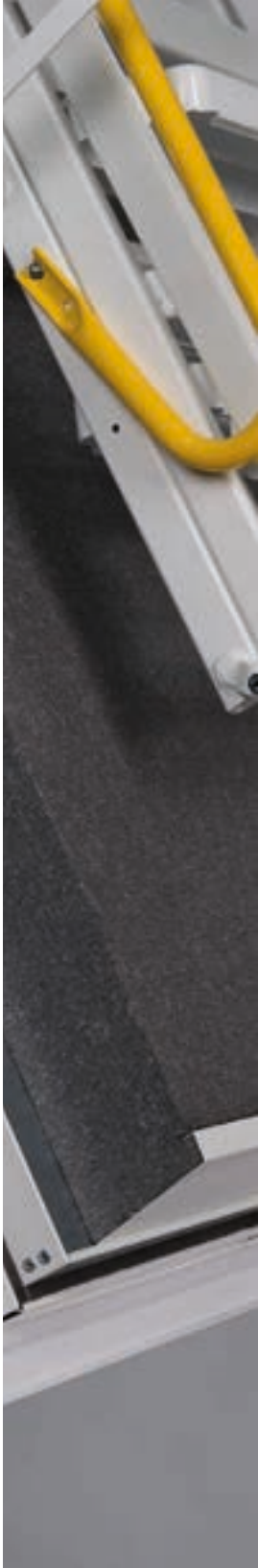


Scan me!

A QR code can be found on all product pages. 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 find all complete and up-to-date information about the product. You can also find lots of other helpful information and tips on buying stairs on our website.





**Attic stairs
fire-retardant**

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**Attic stairs
highly insulated**

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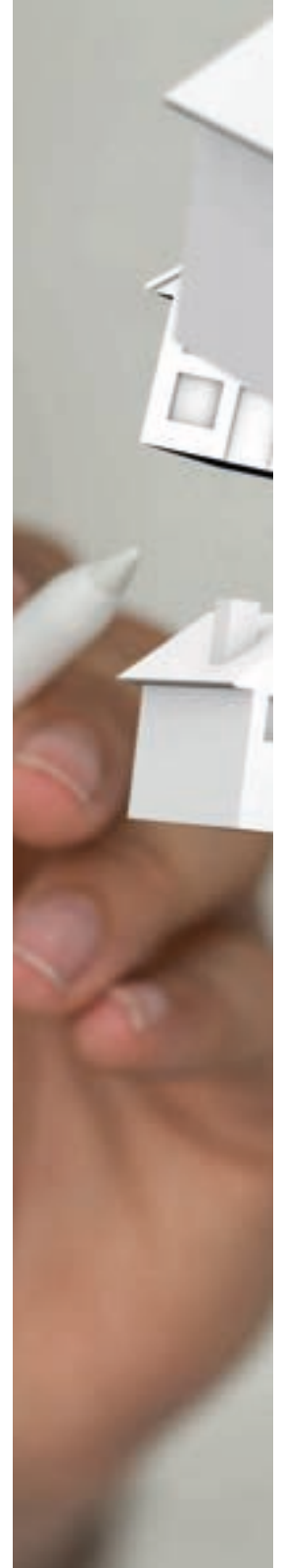
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Attic stairs fire-retardant

Safety first

When high insulation meets fire resistance, you are in the top league of loft ladders. Here, no compromises are made in terms of quality, safety and precision in order to achieve optimum performance in terms of thermal insulation and fire protection duration.

Minka was one of the pioneers in the development of fire-retardant loft ladders. All Minka fire-retardant models meet the standards of ÖNORM EN1363, EN1634 and B3860. Most of our staircases achieve a fire resistance period of at least 30 minutes. However, selected models even offer impressive fire protection of 45 or 60 minutes.

When developing our fire-retardant loft ladders, we also attach great importance to excellent insulation. In this product category, we achieve outstanding U-values of up to $0.14 \text{ W/m}^2\text{K}$. This ensures optimum thermal insulation and resource conservation in your home.



Fire resistance classes

The fire resistance of materials is categorised into several classes according to European standards. El230, El245 and El260 also belong to these fire resistance classes. The number in the designation indicates the minimum number of minutes the material can withstand a one-sided fire. Fire-retardant loft ladders therefore save valuable time in the event of a fire.



Type 18 Univers

Electric loft ladder - operated by remote control

DESCRIPTION

- Fully automatic scissor staircase
- Can be controlled by remote control
- Simply connect to a power socket (-220 V)
- Fire-retardant EI230 tested in accordance with ÖNORM EN 1363 and EN 1634
- Two seals
- Hatch panelling made of white MDF boards
- Powder-coated steel ladder
- Steps with nubs prevent slipping
- 18 mm thick hatch panelling
- 65 mm thick bottom cover
- Maximum load capacity: 150 kg



**U-value
1.3 W/m²K**



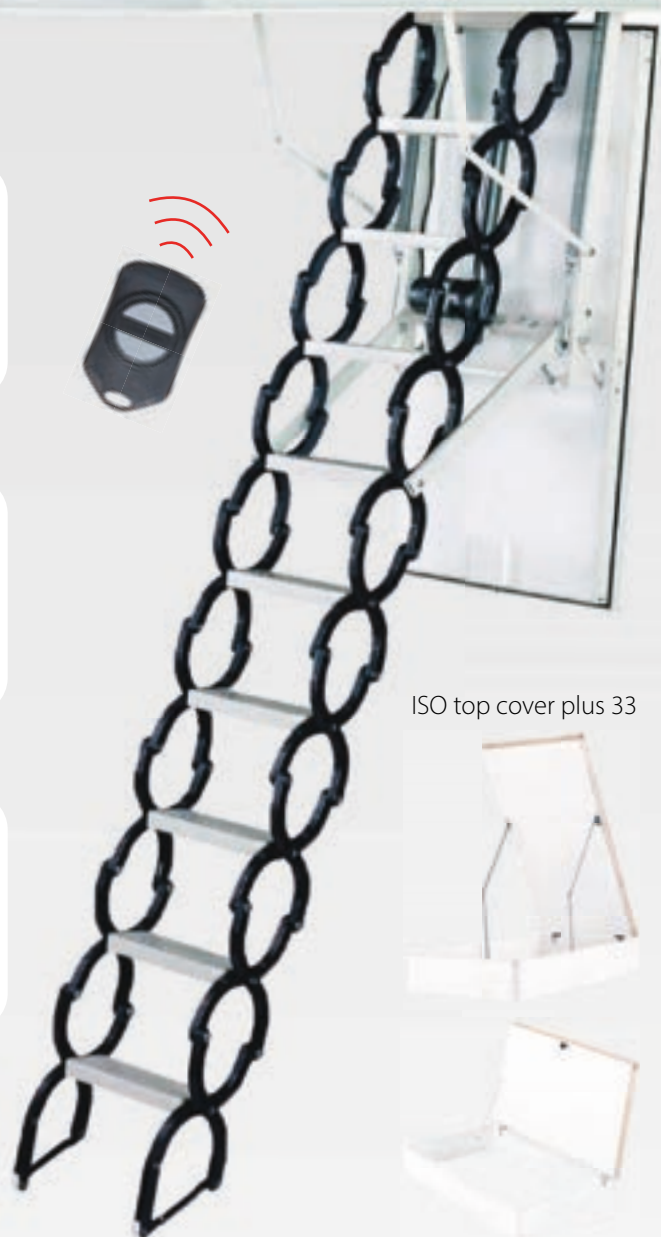
**Fire retardancy
EI230**



**Electric
staircase**

ACCESSORIES

- ISO top cover plus 33 with hatch panelling (height 21 cm - total height with hatch frame 52 cm)
- Staircase extension + 25 cm
- Second remote control
- Switch for operating the stairs
- Telescopic handrail
- Hatch railing
- Exit handle
- Passive house installation set double



ISO top cover plus 33

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear / to the side in cm
120 / 60	119 x 59 x 31	290	58	125	165 / 106
120 / 70	119 x 69 x 31	290	58	125	165 / 116
130 / 70	129 x 69 x 31	290	48	125	165 / 116
140 / 70	139 x 69 x 31	290	38	125	165 / 116



Type 18 Prestige

Scissor staircase with fire-retardant effect for at least 30 minutes

DESCRIPTION

- Fire-retardant scissor staircase
- Fire-retardant EI230 tested according to ÖNORM EN 1363 and EN 1634
- Two seals
- Recessed hinges
- Hatch panelling made of white MDF boards
- Powder-coated steel ladder
- Steps with nubs prevent slipping
- 18 mm thick hatch panelling
- 65 mm thick bottom cover
- Maximum load capacity: 150 kg



U-value
1.3 W/m²K



Fire retardancy
EI230



Lid thickness
65 mm

ACCESSORIES

- ISO top cover plus 33 with hatch panelling (height 21 cm - total height with hatch frame 52 cm)
- Staircase extension + 25 cm
- Surcharge for version with fire retardancy class EI260
- Telescopic handrail
- Hatch railing
- Exit handle
- Passive house installation set double

ISO top cover plus 33



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear / to the side in cm
120 / 60	119 x 59 x 31	290	58	125	165 / 106
120 / 70	119 x 69 x 31	290	58	125	165 / 116
130 / 70	129 x 69 x 31	290	48	125	165 / 116
140 / 70	139 x 69 x 31	290	38	125	165 / 116



Type 18 Small

**Fire-retardant scissor staircase
with freely selectable room height**

DESCRIPTION

- Many different heights available
- From a hatch length of 120 cm, no fold-out space required
- Fire-retardant EI₂₃₀ tested in accordance with ÖNORM EN 1363 and EN 1634
- Scissors and steps made of powder-coated steel
- Steps with nubs prevent slipping
- Steel frame without hatch panelling
- Recessed hinges
- 65 mm thick bottom cover
- Maximum load capacity: 150 kg



**U-value
1.3 W/m²K**



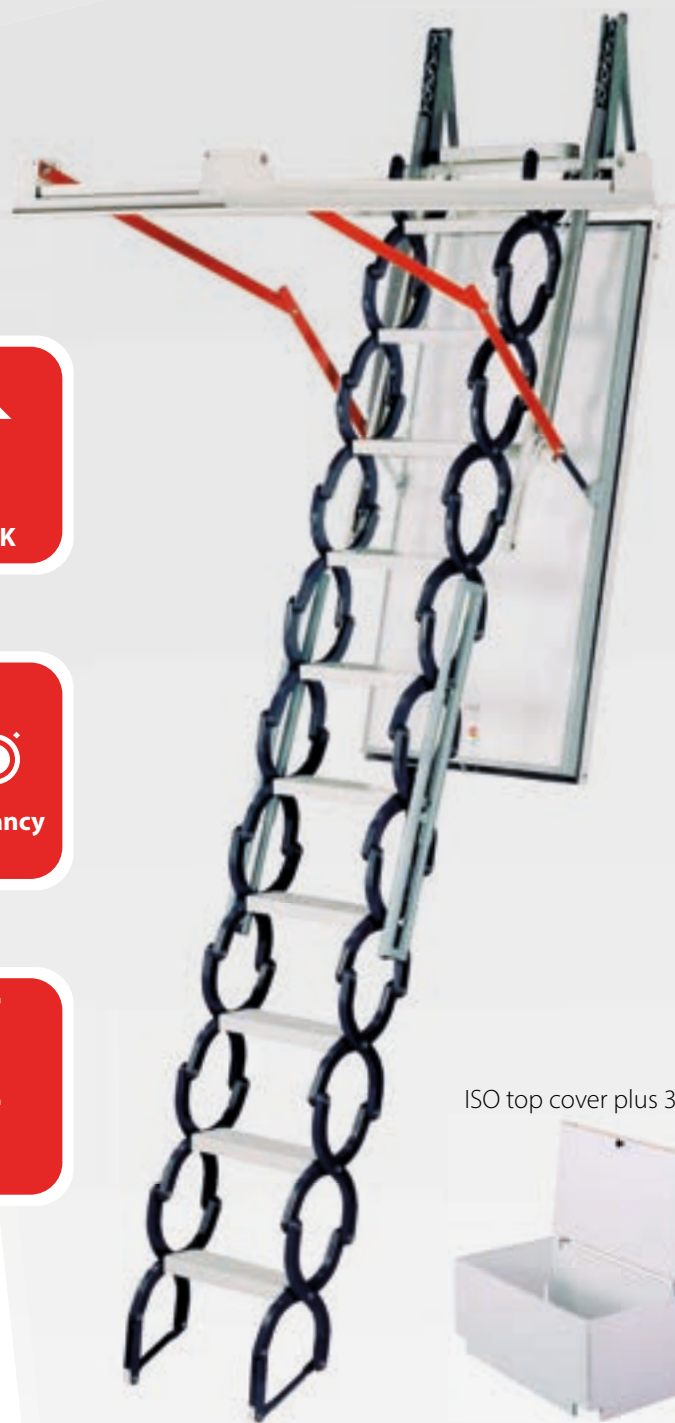
**Fire retardancy
EI₂₃₀**



**flexible
height**

ACCESSORIES

- Hatch panelling made of MDF boards
- ISO top cover plus 33 with hatch panelling (height 47 cm – total height with hatch frame 54 cm)
- Surcharge for version with fire retardancy class EI₆₀
- Top opener
- Telescopic handrail
- Hatch railing
- Exit handle
- Passive house installation set double
- Exit aid for ceilings thicker than 50 cm



ISO top cover plus 33



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the side in cm
90 / 70	89 x 69 x 7	240, 265, 290	30	115, 125, 135	116
120 / 70	119 x 69 x 7	240, 265, 290, 315, 340	-	115, 125, 135, 145, 150	116
130 / 70	129 x 69 x 7	240, 265, 290, 315, 340	-	115, 125, 135, 145, 150	116
140 / 70	139 x 69 x 7	240, 265, 290, 315, 340, 365	-	115, 125, 135, 145, 150, 160	116



Arctic Fire

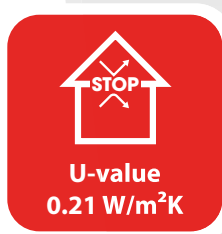
Fire-retardant metal staircase with extremely high thermal insulation

DESCRIPTION

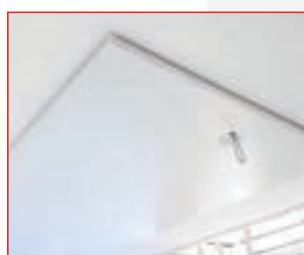
- Fire-retardant EI230 tested in accordance with ÖNORM EN 1363 and EN 1634
- Extreme insulation thanks to 165 mm thick bottom cover
- Triple seal
- Airtightness class 4
- Powder-coated steel steps with grooves allow safe ascent without risk of slipping
- 18 mm thick hatch panelling made of MDF boards
- Thermal separation of frame and hatch panelling
- Steel safety handrail included
- Plastic stair shoes included
- Maximum load capacity: 150 kg
- Seamless look with design bottom cover

ACCESSORIES

- ISO top cover plus 87
- Staircase extension + 25 cm
- Divided middle part (thus no fold-out space required)
- Hatch railing
- Exit handle
- Passive house installation set double
- Second safety handrail



with ISO top cover:
0.14 W/m²K



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
110 / 70	109 x 69 x 45,5	265	65	120	151
120 / 60	119 x 59 x 45,5	275	58	120	161
120 / 70	119 x 69 x 45,5	275	58	120	161
130 / 70	129 x 69 x 45,5	275	48	120	142
140 / 70	139 x 69 x 45,5	275	38	120	151,5
140 / 70	139 x 69 x 45,5	300*	40	125	151,5

*no staircase extension possible for room heights of 300 cm



10 cm fold-out space to the rear required for the bottom cover!

Type 1 Passiv Plus

Extremely insulated and fire-retardant loft ladder for passive houses

DESCRIPTION

- Attic staircase suitable for passive houses
- Fire-retardant EI260 tested according to ÖNORM EN 1363 and EN 1634
- 105 mm thick bottom cover
- Quadruple seal
- Airtightness class 4
- Powder-coated steel ladder
- Steps with grooves enable safe ascent without risk of slipping
- 18 mm thick hatch frame made of MDF panels
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg

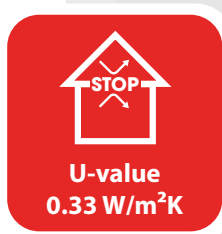
ACCESSORIES

- ISO top cover plus 87
- Staircase extension + 25 cm
- Divided middle part (thus no fold-out space required)
- Hatch railing
- Exit handle
- Passive house installation set double
- Second safety handrail

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
110 / 70	109 x 69 x 45.5	265	60	120	149
120 / 70	119 x 69 x 45.5	270	50	120	159
130 / 70	129 x 69 x 45.5	270	40	120	169
140 / 70	139 x 69 x 45.5	270	30	120	179
140 / 70	139 x 69 x 45.5	300*	40	125	179

*no staircase extension possible for room heights of 300 cm



with ISO top cover:
0.19 W/m²K



ISO top cover plus 87



Suitable for
passive houses

Type 15 Exklusiv

Fire-retardant attic staircase with steel ladder

DESCRIPTION

- Fire-retardant El₂30 tested in accordance with ÖNORM EN 1363 and EN 1634
- Three seals
- 18 mm thick hatch panelling made of MDF boards
- Hatch panelling height: 38 cm
- Powder-coated steel ladder
- Steps with grooves allow safe ascent without risk of slipping
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg



U-value
1.3 W/m²K



Fire retardancy
El₂30



Lid thickness
65 mm

ACCESSORIES

- ISO top cover plus 33
- Staircase extension + 25 cm
- Divided middle part (thus no fold-out space required)
- Surcharge for version with fire retardancy class El₂60
- Hatch railing
- Exit handle
- Passive house installation set double
- Second safety handrail

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear / to the side in cm
110 / 70	109 x 69 x 38	263	50	110	152 / 105
120 / 60	119 x 59 x 38	275	50	120	* / 95
120 / 70	119 x 69 x 38	275	50	120	152 / 105
130 / 70	129 x 69 x 38	275	40	120	152 / 105
130 / 70	129 x 69 x 38	300**	50	125	152 / 105
140 / 70	139 x 69 x 38	275	30	120	152 / 105
140 / 70	139 x 69 x 38	300**	40	125	152 / 105

*no rear opening of the top cover possible for this size

**no staircase extension possible for room heights of 300 cm



ISO top cover plus 33



Type 12 Solid

30-minute fire-retardant attic staircase with metal ladder

DESCRIPTION

- Fire-retardant EI230 tested in accordance with ÖNORM EN 1363 and EN 1634
- Three seals
- 18 mm thick hatch panelling made of MDF boards
- Hatch panelling height: 27 cm
- Recessed hinges
- Powder-coated steel ladder
- Steps with grooves allow safe ascent without risk of slipping
- 65 mm thick bottom cover
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg



ACCESSORIES

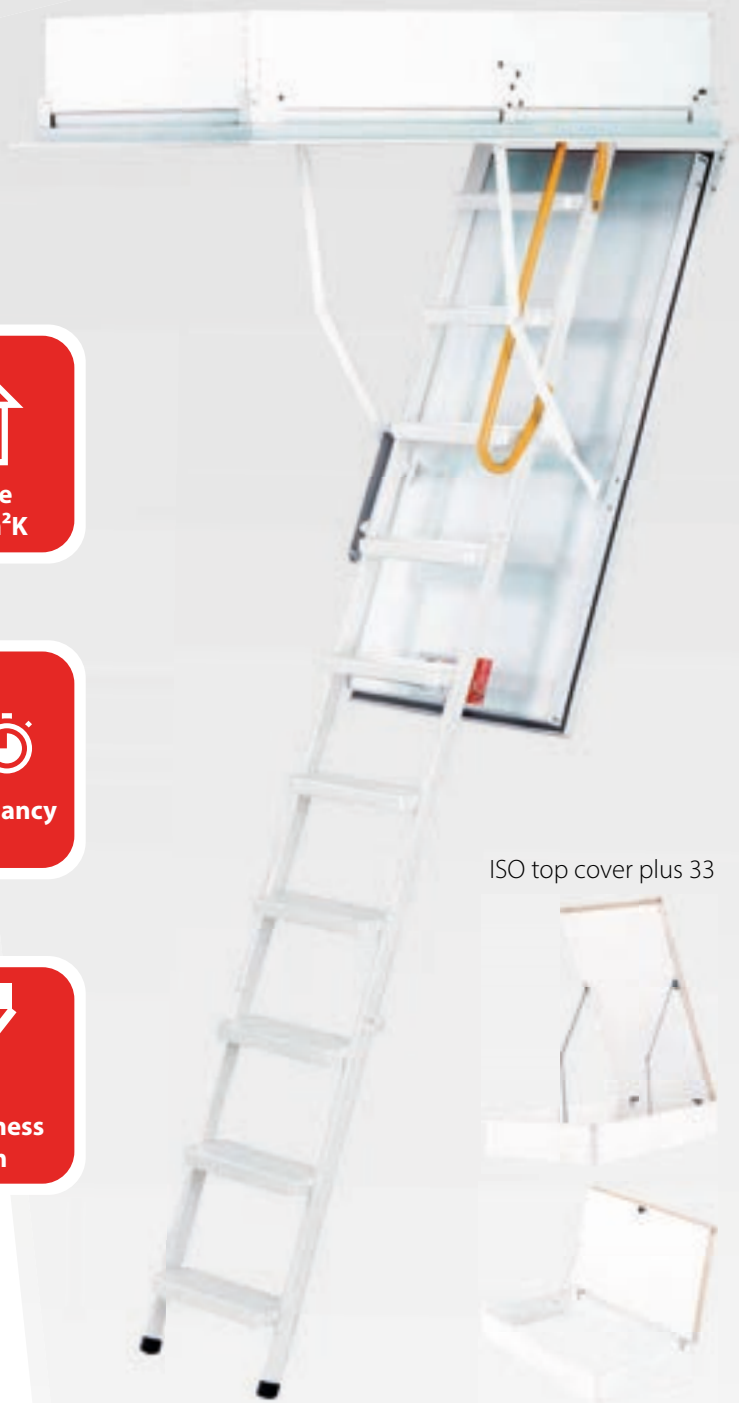
- ISO top cover plus 33 with hatch panelling (height 15 cm – total height with hatch frame 42 cm)
- Staircase extension + 25 cm
- Divided middle part (thus no fold-out space required)
- Hatch railing
- Exit handle
- Passive house installation set double
- Second safety handrail

ISO top cover plus 33



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear / to the side in cm
120 / 70	119 x 69 x 27	275	50	120	155 / 108
130 / 70	129 x 69 x 27	275	40	120	155 / 108
140 / 70	139 x 69 x 27	275	30	120	155 / 108



Eurofire Protect

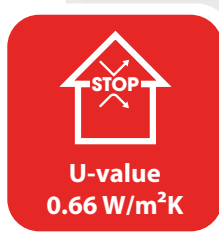
El245 fire-retardant closure with solid wood ladder

DESCRIPTION

- Fire-retardant El245 tested according to ÖNORM EN 1363 and EN 1634
- Airtightness class 4
- Two-point twist lock
- Ladder made of solid spruce wood with 27 mm thick steps
- 27 mm thick solid wood hatch frame
- 60 mm thick bottom cover
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg

ACCESSORIES

- ISO top cover plus 87 with hatch panelling (height 37 cm – total height with hatch frame 50 cm)
- Staircase extension + 35 cm
- Hatch railing
- Exit handle
- Passive house installation set single
- Cladding strip Minka Fix 27 mm
- Second safety handrail



with ISO top cover:
0.26 W/m²K



ISO top cover plus 87

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
114 / 55*	113 x 54 x 13	275	61	120	155.5
114 / 70	113 x 69 x 13	275	61	120	155.5
120 / 60	119 x 59 x 13	280	55	120	161.5
120 / 70	119 x 69 x 13	280	55	120	161.5

*no safety handrail possible with this size



Type 13 X-Large

Engine room staircase with
30-minute fire resistance

DESCRIPTION

- Fire-retardant EI230 tested in accordance with ÖNORM EN 1363 and EN 1634
- Many different heights available
- Depending on the room height, little or no folding space required
- Steel frame without hatch panelling
- Particularly wide steel steps enable comfortable access
- Anti-slip strips on the steps minimise the risk of slipping
- 65 mm thick bottom cover
- Maximum load capacity: 150 kg



U-value
1.3 W/m²K



Fire retardancy
EI230



flexible
height

ACCESSORIES

- Hatch panelling made of MDF boards
- ISO top cover plus 33 with hatch panelling (minimum height 47 cm – total height with hatch frame 54 cm)
- Surcharge for version with fire retardancy class EI260
- Top opener
- Telescopic handrail
- Hatch railing
- Exit handle
- Exit aid for ceilings thicker than 50 cm



ISO top cover plus 33



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the side in cm
140 / 92	139 x 91 x 7	215 - 229	0	154	140
140 / 92	139 x 91 x 7	230 - 245	10	160	140
140 / 92	139 x 91 x 7	240 - 250	15	170	140
140 / 92	139 x 91 x 7	250 - 268	20	178	140
140 / 92	139 x 91 x 7	261 - 275	25	182	140
140 / 92	139 x 91 x 7	275 - 290	30	190	140
140 / 92	139 x 91 x 7	285 - 295	40	195	140
140 / 92	139 x 91 x 7	295 - 317	60	205	140
140 / 92	139 x 91 x 7	318 - 340	80	214	140



Type 118M

Made-to-measure scissor staircase with fire-retardant finish

DESCRIPTION

- Customised scissor staircase
- Fire-retardant EI230 tested according to ÖNORM EN 1363 and EN 1634
- Many different heights available
- No fold-out space required from hatch length of 120 cm
- Scissor ladder made of powder-coated steel
- Steps with nubs prevent slipping
- Sturdy steel frame without hatch panelling
- 65 mm thick bottom cover
- Maximum load capacity: 150 kg



**U-value
1.3 W/m²K**



**Fire retardancy
EI230**



**made to
measure**

ACCESSORIES

- Hatch frame made of MDF panels
- ISO top cover plus 33 with hatch panelling (minimum height 47 cm – total height with hatch frame 54 cm)
- Surcharge for version with fire retardancy class EI260
- Top opener
- Telescopic handrail
- Hatch railing
- Exit handle
- Exit aid for ceilings thicker than 50 cm

TECHNICAL DATA

Ceiling opening Length in cm	Ceiling opening Width in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the side in cm
90 - 99	60 - 90	265	on request	on request	on request
100 - 109	60 - 90	290	on request	on request	on request
110 - 119	60 - 90	315	on request	on request	on request
120 - 139	60 - 90	340	0	on request	on request
140 - 150	60 - 90	360	0	on request	on request

ISO top cover plus 33



Type 102M

Scissor staircase with wall access and EI230 fire protection

DESCRIPTION

- Customised scissor staircase for vertical installation into the wall
- Fire-retardant EI230 tested according to ÖNORM EN 1363 and EN 1634
- Steel frame
- Ladder with steps and scissors made of powder-coated steel
- Steps with nubs prevent slipping
- 65 mm thick cover with good thermal insulation
- Maximum load capacity: 150 kg



U-value
1.3 W/m²K



Fire retardancy
EI230



made to measure

ACCESSORIES

- Surcharge for version with fire retardancy class EI260
- Telescopic handrail

TECHNICAL DATA



Wall opening
Height in cm

Wall opening
Width in cm

Max. room height
in cm

Fold-out space
in cm

Landing
in cm

90 - 140

70

310

on request

on request



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 Mürtal.



Wood from sustainable sources

The wood for our loft ladders comes from Austria and Finland. The spruce wood has been awarded the PEFC™ certificate. This means that it comes from sustainably managed forests and controlled sources.



Powered by the sun

There is hardly a spot on the roofs of our company buildings that is not covered with solar panels. Thanks to our large-scale photovoltaic systems, we can generate enough of our own electricity to power our entire production.



Attic stairs highly insulated

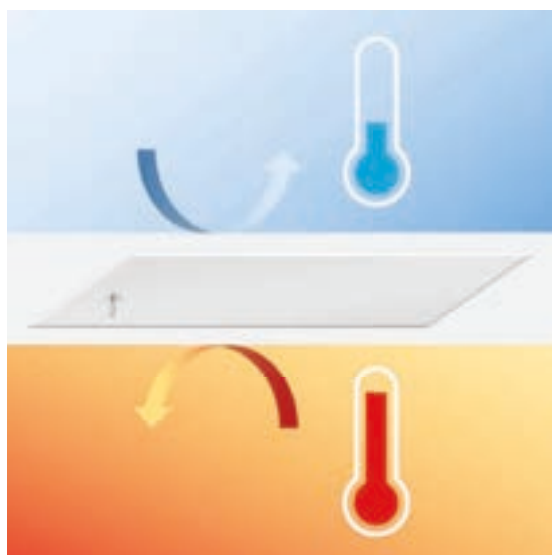
Save energy with extra strong thermal insulation

Highly insulated loft ladders are an excellent solution for minimising energy loss in a building while providing convenient access to the loft.

The high cover thickness of our highly insulated loft ladders in particular ensures that the heat transfer coefficient (U-value) is significantly reduced. This is particularly important in energy-efficient or passive houses. Thanks to the good insulation, the warm air remains in the heated living area and the cold air is kept out of the unheated loft.

In addition to the insulation values, the seals also play an important role. Our highly insulated loft ladders have all-round seals that ensure that no draughts can penetrate the closed staircase. This not only helps to save energy, but also prevents dust and dirt from entering the living area from the loft.

All in all, highly insulated loft ladders from Minka are a sensible investment for homeowners who want to reduce their energy costs and improve their living comfort.



U-value

Attic stairs usually connect heated living spaces with the unheated attic. It is therefore important for the energy efficiency of houses that the material of loft ladders has good thermal insulation.

The U-value indicates how much heat or cold can flow through the material. A low U-value means that the stairs are well insulated and allow little heat to pass through.



Polar Top

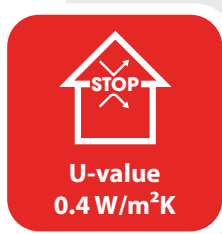
Wooden staircase with extremely thick cover insulation

DESCRIPTION

- Extreme insulation thickness thanks to 133 mm thick lower lid
- Two-point twist lock ensures secure hold of the lid
- Two seamless all-round seals
- Airtightness class 4
- 27 mm thick steps
- Hatch frame and ladder made of solid spruce wood
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg

ACCESSORIES

- ISO top cover plus 87 with hatch panelling (height 37 cm – total height with hatch frame 51.3 cm)
- Cladding strip Minka Fix 18 mm
- Staircase extension + 35 cm
- Second safety handrail
- Hatch railing
- Exit handle
- Passive house installation set single



with ISO top cover:
0.32 W/m²K



ISO top cover plus 87

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
120 / 60	119 x 59 x 14.3	275	55	120	163
120 / 70	119 x 69 x 14.3	275	55	120	163
130 / 70	129 x 69 x 14.3	275	45	120	173
140 / 70	139 x 69 x 14.3	275	35	120	183



Euro Trend Profi

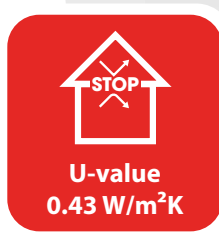
Insulated loft ladder with steel frame and quick-assembly system

DESCRIPTION

- Highly insulated loft ladder with excellent U-value
- Seamless all-round seal ensures good insulation
- Airtightness class 4
- Hatch box made of MDF panels with steel frame
- Easy installation thanks to quick assembly system
- Ladder made of solid European spruce wood
- 27 mm thick steps
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg

ACCESSORIES

- ISO top cover plus 87 with hatch panelling (height 37 cm – total height with hatch frame 54 cm)
- Staircase extension + 35 cm
- Second safety handrail
- Hatch railing
- Exit handle
- Passive house installation set double



with ISO top cover:
0.2 W/m²K



ISO top cover plus 87

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
110 / 70	109 x 69 x 17	270	65	120	*
120 / 60	119 x 59 x 17	280	55	120	166
120 / 70	119 x 69 x 17	280	55	120	166
130 / 70	129 x 69 x 17	280	45	120	176
140 / 70	139 x 69 x 17	280	35	120	186

*no top cover possible for this size



Polar Extrem

Attic staircase with excellent price-performance ratio

DESCRIPTION

- Tested in accordance with DIN EN 14975:2007
- Extreme thermal insulation thanks to 87 mm thick bottom cover
- Two-point twist lock ensures secure hold of the bottom cover
- Seamless all-round seal
- Airtightness class 4
- Cover white on both sides
- 27 mm thick steps
- Hatch frame and ladder made of solid spruce wood
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg

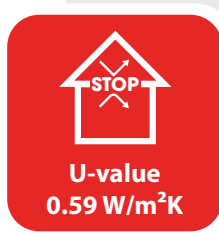
ACCESSORIES

- ISO top cover plus 87 with hatch panelling (height 37 cm – total height with hatch frame 50 cm)
- Cladding strip Minka Fix 27 mm
- Staircase extension + 35 cm
- Second safety handrail
- Hatch railing
- Exit handle
- Passive house installation set single

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
90 / 60	88 x 58 x 13	265	50	115	*
90 / 70	88 x 68 x 13	265	50	115	*
90 / 80	88 x 78 x 13	265	50	115	*
114 / 55	113 x 54 x 13	275	65	120	155.5
114 / 70	113 x 69 x 13	275	65	120	155.5
120 / 60	119 x 59 x 13	280	55	120	161.5
120 / 70	119 x 69 x 13	280	55	120	161.5
130 / 70	129 x 69 x 13	280	45	120	171.5
140 / 70	139 x 69 x 13	280	35	120	181.5

*staircase with four sections; no top cover possible for these sizes



with ISO top cover:
0.37 W/m²K



ISO top cover plus 87



Polar 60

Spruce loft ladder with 60 mm thick bottom cover

DESCRIPTION

- Tested in accordance with DIN EN 14975:2007
- Two-point twist lock ensures secure hold of the bottom cover
- Seamless all-round seal
- Airtightness class 4
- Lid white on both sides
- 27 mm thick steps
- Hatch box and ladder made of solid spruce wood
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- 60 mm thick bottom cover
- Maximum load capacity: 150 kg

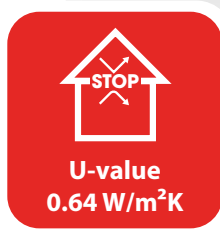
ACCESSORIES

- ISO top cover plus 87 with hatch panelling (height 37 cm – total height with hatch frame 50 cm)
- Cladding strip Minka Fix 27 mm
- Staircase extension + 35 cm
- Second safety handrail
- Hatch railing
- Exit handle
- Passive house installation set single

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
86 / 70	85 x 69 x 13	270	50	115	*
120 / 60	119 x 59 x 13	280	55	120	161.5
120 / 70	119 x 69 x 13	280	55	120	161.5
130 / 70	129 x 69 x 13	280	45	120	171.5
140 / 70	139 x 69 x 13	280	35	120	181.5

*staircase with four sections; no top cover possible for this size



with ISO top cover:
0.24 W/m²K



ISO top cover plus 87



Attic stairs standard

Solid thermal insulation and a wide range of sizes

Our classic loft ladders offer a practical and reliable solution for accessing attic spaces. Although our attic stairs from the 'standard' category are not fire-retardant, they still impress with solid thermal insulation values.

We have both wooden and powder-coated steel staircases in our range. Wooden staircases give the room a warm, natural aesthetic and are robust enough to withstand years of use. Alternatively, attic stairs made of powder-coated steel offer a modern and also particularly durable option. The powder coating not only provides additional corrosion protection, but also gives the staircase an attractive, long-lasting finish.

Our classic loft ladders are available in a wide range of sizes to meet different structural requirements. Whether the ceiling hatch is small, large, rectangular or square - there is a suitable staircase size for almost every situation.

We also offer some customised solutions for special requirements or unusual dimensions. Certain models can be customised on request so that they can be perfectly integrated into the existing ceiling opening.





Euro Star

Scissor staircase with steel frame and quick assembly system

DESCRIPTION

- Tested according to DIN EN 14975:2007
- Seamless all-round seal
- Hatch box made of MDF panels with steel frame and quick assembly system
- Cover and hatch panelling white on both sides
- Scissor ladder made of powder-coated steel
- Easy opening of the ladder by pulling it apart
- Steps with nubs ensure a safe step without the risk of slipping
- Sturdy metal catch
- Maximum load capacity: 150 kg

ACCESSORIES

- ISO top cover plus 33 with hatch panelling (height 33 cm – total height with hatch frame 50 cm)
- Telescopic handrail
- Hatch railing
- Exit handle
- Passive house installation set double



U-value
1.1 W/m²K



Quick and easy
installation



Lid thickness
33 mm

ISO top cover plus 33



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the side in cm
70 / 50	69 x 49 x 17	300	95	120	*
70 / 70	69 x 69 x 17	300	95	120	*
80 / 80	79 x 79 x 17	300	85	120	*
90 / 60	89 x 59 x 17	300	75	120	105.5
90 / 70	89 x 69 x 17	300	75	120	115.5
90 / 90	89 x 89 x 17	300	75	120	*
100 / 70	99 x 69 x 17	300	65	120	115.5
120 / 60	119 x 59 x 17	300	45	120	105.5
120 / 70	119 x 69 x 17	300	45	120	115.5

*no top cover possible for these sizes



Euro Trend

Wooden loft ladder with steel frame and quick assembly system

DESCRIPTION

- Tested in accordance with DIN EN 14975:2007
- Seamless all-round seal ensures good U-value
- Hatch box made of MDF panels with steel frame and quick assembly system
- Countersunk snap-in recess
- Cover white on both sides
- Ladder made from solid European spruce wood
- 27 mm thick steps
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg

ACCESSORIES

- ISO top cover plus 33 with hatch panelling (height 24 cm – total height with hatch frame 41 cm)
- Staircase extension + 35 cm
- Second safety handrail
- Hatch railing
- Exit handle
- Passive house installation set double



ISO top cover plus 33



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the side in cm
110 / 70	109 x 69 x 17	270	65	120	105
120 / 60	119 x 59 x 17	280	55	120	95
120 / 70	119 x 69 x 17	280	55	120	105
130 / 70	129 x 69 x 17	280	45	120	105
140 / 70	139 x 69 x 17	280	35	120	105



Elegance

Sturdy scissor staircase with solid thermal insulation

DESCRIPTION

- Tested in accordance with DIN EN 14975:2007
- Seamless all-round seal
- Cover white on both sides
- Hatch box made of white MDF panels
- Scissors made of black powder-coated steel
- Steps made of white powder-coated steel
- Steps with nubs prevent slipping
- Easy opening of the ladder by pulling it apart
- 33 mm thick bottom cover ensures a solid U-value
- Maximum load capacity: 150 kg



U-value
1.1 W/m²K



load capacity
150 kg



Lid thickness
33 mm

ACCESSORIES

- Cladding strip Minka Fix 18 mm
- Telescopic handrail
- Hatch railing
- Exit handle
- Passive house installation set single

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm
90 / 60	89 x 59 x 13	300	75	120
90 / 70	89 x 69 x 13	300	75	120
120 / 60	119 x 59 x 13	300	45	120
120 / 70	119 x 69 x 13	300	45	120



Steel

Folding attic staircase with ladder made of powder-coated steel

DESCRIPTION

- Tested in accordance with DIN EN 14975:2007
- Seamless all-round seal
- Cover white on both sides
- Hatch box made of white MDF panels
- Ladder made of white powder-coated steel
- Steps with grooves allow safe ascent without risk of slipping
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- 33 mm thick bottom cover
- Maximum load capacity: 150 kg

ACCESSORIES

- ISO top cover plus 87 with hatch panelling (height 37 cm – total height with hatch frame 50 cm)
- Cladding strip Minka Fix 18 mm
- Second safety handrail
- Hatch railing
- Exit handle
- Passive house installation set single



ISO top cover plus 87



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
110 / 60	109 x 59 x 13	275	65	120	151.5
110 / 70	109 x 69 x 13	275	65	120	151.5
120 / 60	119 x 59 x 13	280	55	120	161.5
120 / 70	119 x 69 x 13	280	55	120	161.5
130 / 60	129 x 59 x 13	280	45	120	171.5
130 / 70	129 x 69 x 13	280	45	120	171.5



Complete

Attic staircase with ladder and hatch frame made of solid wood

DESCRIPTION

- Tested in accordance with DIN EN 14975:2007
- Seamless all-round seal
- Countersunk snap-in recess
- Cover white on both sides
- Ladder and hatch frame made of European spruce wood
- 27 mm thick steps
- Partially pre-assembled
- Powder-coated steel safety handrail included
- Plastic stair shoes included
- 33 mm thick bottom cover ensures a solid U-value
- Maximum load capacity: 150 kg

ACCESSORIES

- ISO top cover plus 87 with hatch panelling (height 37 cm – total height with hatch frame 50 cm)
- Cladding strip Minka Fix 27 mm
- Staircase extension + 35 cm
- Second safety handrail
- Hatch railing
- Exit handle
- Passive house installation set single



ISO top cover plus 87

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
120 / 54*	119 x 53 x 13	280	55	120	161.5
120 / 60	119 x 59 x 13	280	55	120	161.5
120 / 70	119 x 69 x 13	280	55	120	161.5

*no safety handrail possible for this size



Tradition

Attic staircase with solid wood ladder and MDF hatch frame

DESCRIPTION

- Tested in accordance with DIN EN 14975:2007
- Seamless all-round seal
- Countersunk snap-in recess
- Cover and hatch panelling white on both sides
- Ladder made of spruce wood
- Hatch box made of high-quality MDF boards
- 27 mm thick steps
- Partly pre-assembled
- Safety handrail made of powder-coated steel included
- Plastic stair shoes included
- Maximum load capacity: 150 kg

ACCESSORIES

- ISO top cover plus 87 with hatch panelling (height 37 cm – total height with hatch frame 50 cm)
- Cladding strip Minka Fix 18 mm
- Staircase extension + 35 cm
- Second safety handrail
- Hatch railing
- Exit handle
- Passive house installation set single



TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the rear in cm
110 / 60	109 x 59 x 13	280	65	120	151.5
110 / 70	109 x 69 x 13	280	65	120	151.5
120 / 60	119 x 59 x 13	280	55	120	161.5
120 / 70	119 x 69 x 13	280	55	120	161.5
130 / 60	129 x 59 x 13	280	45	120	171.5
130 / 70	129 x 69 x 13	280	45	120	171.5
140 / 60	139 x 59 x 13	280	35	120	181.5
140 / 70	139 x 69 x 13	280	35	120	181.5



McStep Thermo 33

Affordable loft ladder for self-assembly

DESCRIPTION

- Tested in accordance with DIN EN 14975:2007
- Affordable attic staircase with ladder made of solid wood
- Not completely pre-assembled
- Seamless all-round seal
- Countersunk snap-in recess
- Cover and hatch panelling white on both sides
- Hatch box made of high-quality MDF boards
- 27 mm thick steps ensure high load-bearing capacity
- 33 mm thick bottom cover
- Maximum load capacity: 150 kg



U-value
1.1 W/m²K



load capacity
150 kg



Lid thickness
33 mm

ACCESSORIES

- Cladding strip Minka Fix 18 mm
- Staircase extension + 35 cm
- Safety handrail made of steel
- Stair shoes made of PVC
- Hatch railing
- Exit handle
- Passive house installation set single

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm	Max. room height in cm	Fold-out space in cm	Landing in cm
90 / 60*	89 x 59 x 13	265	50	115
90 / 70*	89 x 69 x 13	265	50	115
90 / 80*	89 x 79 x 13	265	50	115
110 / 60	109 x 59 x 13	280	65	120
110 / 70	109 x 69 x 13	280	65	120
110 / 80	109 x 79 x 13	280	65	120
110 / 90	109 x 89 x 13	280	65	120
120 / 60	119 x 59 x 13	280	55	120
120 / 70	119 x 69 x 13	280	55	120
120 / 80	119 x 79 x 13	280	55	120
120 / 90	119 x 89 x 13	280	55	120
130 / 70	129 x 69 x 13	280	45	120
140 / 70	139 x 69 x 13	280	35	120

*staircase with four sections



Type 4M

Customised scissor staircase with MDF board hatch frame

DESCRIPTION

- Sturdy scissor staircase with made-to-measure frame
- 25 cm high hatch box made of white MDF panels
- Cover brown on both sides (natural material)
- Seal ensures good thermal insulation
- Sturdy metal catch
- 33 mm thick bottom cover
- Powder-coated steel steps and scissor stays ensure stability and high load-bearing capacity
- Ladder with lateral spring support
- Maximum load capacity: 150 kg

ACCESSORIES

- Top cover (brown on both sides, manual opening to the left or right)
- Exit aid for ceilings thicker than 50 cm
- Telescopic handrail
- Hatch railing
- Exit handle

TECHNICAL DATA

Ceiling opening Length in cm	Ceiling opening Width in cm	Max. room height in cm	Fold-out space in cm	Landing in cm	Swivel range of top cover to the side in cm
77 - 84	50 - 90	265	on request	on request	on request
85 - 109	50 - 90	290	on request	on request	on request
110 - 129	50 - 90	315	on request	on request	on request
130 - 150	50 - 90	340	on request	on request	on request



Special solutions & accessories

Perfect equipment around the attic

Accessories for loft ladders play a crucial role in further improving comfort, safety and energy efficiency. Various accessories can extend the functionality of the staircase and optimally adapt it to individual requirements.

With the help of a top cover and the passive house installation set, for example, thermal insulation can be significantly improved. Our additional handrails, the exit handle and the hatch railing ensure maximum safety on the way to the attic. By choosing the right accessories for your loft ladder, you can not only increase comfort and thermal insulation, but also optimise the safety of your home.

In addition to accessories, Minka also offers various special solutions for the attic. These include, for example, our flat roof staircase, which offers safe and convenient access to your flat roof, and our wooden inspection doors, which are also a popular addition in many homes. They provide easy access to hard-to-reach areas behind walls, especially in pitched roofs.

safety 
collection

Minka Safety Collection

Safety first - especially when climbing attics, as even falls from a height of just a few metres can be very dangerous. For this reason, we have developed the Minka Safety Collection. It includes a hatch railing, exit handles and handrails for all Minka loft ladders. These accessories provide optimum protection for your loft ladder and ceiling hatch.





Flat roof staircase

Complete flat roof solution
with steel scissor staircase

DESCRIPTION

- Fire-retardant EI230 tested in accordance with ÖNORM EN 1363 and EN 1634
- Top U-value of 0.7 W/m²K
- Insulating top cover with galvanised metal casing
- Top cover can be locked for safety reasons
- 174 mm thick insulation cover and 65 mm thick bottom cover with all-round seal
- Robust hatch panelling made from 18 mm thick plywood panels



U-value
0.7 W/m²K



Fire retardancy
EI230



made to
measure

ACCESSORIES

- Surcharge for version with fire retardancy class EI260
- Exit aid for ceilings thicker than 50 cm

TECHNICAL DATA

Ceiling opening Length in cm	Ceiling opening Width in cm	Max. room height in cm
90 - 99	60 - 90	265
100 - 109	60 - 90	290
110 - 119	60 - 90	315
120 - 139	60 - 90	340
140 - 150	60 - 90	360

Fold-out space and swivel range of the top cover on request



+



Junior

Steel scissor staircase for smallest openings

- Very easy operation
- Simple extension of the ladder
- Steps and scissors made of powder-coated steel
- Metal steps with light nubs prevent slipping
- Supplied including front board, but without hatch panelling and cover

TECHNICAL DATA

Opening size in cm	Max. room height in cm
75/60	235
75/60	260
75/60	285
80/60	310



Inspection door made of wood

Inspection door with extreme insulation

- Easy access to hard-to-reach areas behind walls, for example in sloping roofs
- U-value: 0.4 W/m²K
- 87 mm thick cover
- Frame made of solid spruce wood
- White cover
- Simple and secure closure thanks to two-point twist lock
- Seamless all-round seal
- Airtightness class 4

TECHNICAL DATA

Opening size in cm	Frame size in cm
80/55	79 x 54
110/55	109 x 54
60/60	59 x 59
70/70	69 x 69



Hatch frame & cover El₂30 - standard

Fire-retardant hatch frame with 65 mm thick cover

- Fire-retardant El₂30 tested according to ÖNORM EN 1363 and EN 1634
- Suitable for ceiling and wall mounting

OPTIONS

- Hatch frame made of MDF panels
- ISO top cover with hatch panelling
- Two-section ladder, room height up to 360 cm
- Two-section ladder, room height up to 470 cm
- Surcharge for version with fire retardancy class El₂60
- Exit aid for ceilings thicker than 50 cm
- Junior staircase
- Hatch railing

TECHNICAL DATA

Opening size in cm	Frame size L x W x H in cm
70/70	69 x 69 x 7
60/100	59 x 99 x 7



Hatch frame & cover El₂30 - customised

Made-to-measure hatch frame with 65 mm thick cover

- Fire-retardant El₂30 tested according to ÖNORM EN 1363 and EN 1634
- Suitable for ceiling and wall mounting

OPTIONS

- Hatch frame made of MDF panels
- ISO top cover with hatch panelling
- Two-section ladder, room height up to 360 cm
- Two-section ladder, room height up to 470 cm
- Surcharge for version with fire retardancy class El₂60
- Exit aid for ceilings thicker than 50 cm
- Junior staircase
- Hatch railing

TECHNICAL DATA

Opening size Length in cm	Opening size Width in cm	Swivel range of top cover in cm
70 - 150	60 - 90	on request



ISO top cover plus 87

87 mm thick top cover for extra strong thermal insulation

- U-value: 0.4 W/m²K
- Easy opening via gas pressure damper
- Airtight locking with metal turnbuckle
- White cover on both sides
- Seamless all-round seal
- Supplied with or without MDF hatch panelling (37 cm high), depending on the staircase model

TECHNICAL DATA

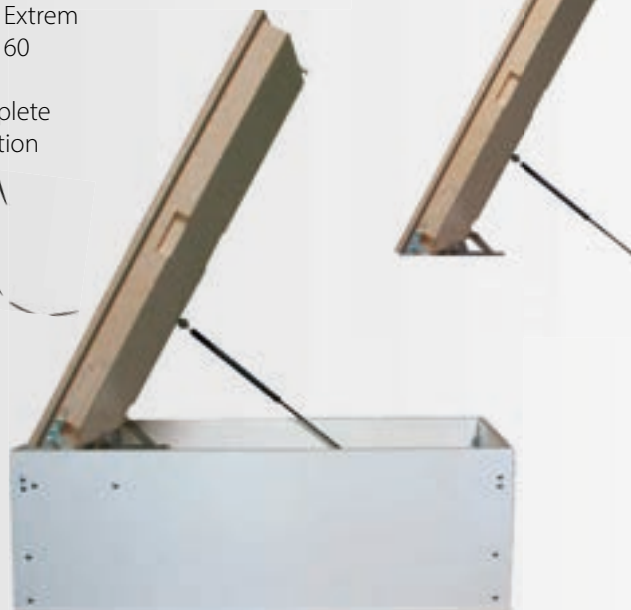
Ceiling opening size in cm	Frame size L x W x H in cm
110/60	109 x 59 x 37
110/70	109 x 59 x 37
114/55	113 x 54 x 37
114/70	113 x 69 x 37
120/54	119 x 53 x 37
120/60	119 x 59 x 37
120/70	119 x 69 x 37
130/60	129 x 59 x 37
130/70	129 x 69 x 37
140/60	139 x 59 x 37
140/70	139 x 69 x 37

SUITABLE FOR:

Eurofire Protect
Polar Top
Euro Trend Profi
Polar Extrem
Polar 60
Steel
Complete
Tradition

SUITABLE FOR:

Arctic Fire
Type 1 Passiv Plus



ISO top cover plus 33

33 mm thick top cover to protect the attic staircase

- Top cover to protect the attic staircase from dirt and dust
- Cover white on both sides
- Depending on the staircase model, opening to the side and/or to the rear possible
- Depending on the staircase model, supplied with or without hatch panelling made of MDF boards

TECHNICAL DATA

Ceiling opening size in cm	Frame size L x W x H in cm
90/60	89 x 59
90/70	89 x 69
100/70	99 x 69
110/70	109 x 69
120/60	119 x 59
120/70	119 x 69
130/70	129 x 69
140/70	139 x 69
140/92	139 x 91
made-to-measure	made-to-measure

SUITABLE FOR:

Type 18 Univers
Type 18 Prestige
Type 18 Small
Type 15 Exklusiv
Type 12 Solid
Type 13 X-Large
Type 118M
Euro Star
Euro Trend

SUITABLE FOR:

Type 18 Univers
Type 18 Prestige
Type 15 Exklusiv
Type 12 Solid



Hatch railing

Steel railing for reliable protection of the ceiling opening

- Sturdy railing to secure the ceiling opening
- Required by building regulations in many countries
- Made from powder-coated steel
- Easy to open by lifting the metal strut at the exit of the loft ladder
- Length and width can be flexibly adjusted
- Length: 110 - 140 cm
- Width: 55 - 70 cm



Exit handle

Handle to hold on to when exiting the loft ladder into the attic

- Handrail for safely exiting the loft ladder
- Made of powder-coated steel
- Can be attached to the floor or, on some models, to the hatch frame
- Easy to install by screwing into place
- Can be mounted on one side only or on both sides



Safety handrail

Steel handrail for all folding wooden and metal stairs

- Safety handrail made of yellow powder-coated steel
- Fits all wooden and metal attic stairs from Minka
- Included once as standard with all wooden and steel stairs (except for McStep Thermo 33)
- A second handrail can be fitted for even more safety when climbing stairs
- Cannot be fitted to ceiling openings with a width of less than 60 cm



Telescopic handrail

Extendable steel handrail for all scissor stairs

- Extendable telescopic handrail
- Made of steel and finished with yellow powder coating
- Fits all Minka scissor stairs
- Two sizes available
- For all staircases with a frame length of 90 cm or more: large telescopic handrail
- For all staircases with a frame length of less than 90 cm: small telescopic handrail



Exit aid for ceilings thicker than 50 cm

Easier access to attics with high ceiling thicknesses

- Recommended from a ceiling thickness over 50 cm
- Simple installation by screwing into the ceiling hatch or hatch panelling
- Made from high-quality steel
- Powder-coated in white colour
- Serves as an additional step and thus enables easier access to the loft
- Mounting material not included



Cladding strip Minka Fix

For an attractive ceiling finish on loft ladders without a steel frame

- 4.20 m cladding strip and angle elements made of high-quality PVC
- Two variants: 18 mm and 27 mm
- 18 mm fits the following staircases: Polar Top, Elegance, Steel, Tradition, McStep Thermo 33
- 27 mm fits the following staircases: Eurofire Protect, Polar Extrem, Polar 60, Complete
- Perfect ceiling finish in plain white
- Particularly easy to install by attaching to the staircase frame - no drilling required



18 mm



27 mm

18 mm

27 mm



Passive house installation set double

Perfect airtight closure for stairs with steel frame

- Perfect airtight closure of the loft ladder
- Simple installation by sticking to the hatch panelling or the on-site vapour barrier
- Additional seals for use in low-energy or passive houses
- Blower door tested
- Fits the following staircases: Type 18 Univers, Type 18 Prestige, Type 18 Small, Arctic Fire, Type 1 Passiv Plus, Type 15 Exklusiv, Type 12 Solid, Euro Trend Profi, Euro Star, Euro Trend



Passive house installation set single

Perfect airtight closure for stairs without steel frame

- Joint sealing tape for the perfect airtight closure of the loft ladder
- Simple installation by sticking to the hatch panelling or the on-site vapour barrier
- Additional seals for use in low-energy or passive houses
- Blower door tested
- Fits the following staircases: Eurofire Protect, Polar Top, Polar Extrem, Polar 60, Elegance, Steel, Complete, Tradition, McStep Thermo 33



Stair shoes for wooden stairs

To protect the attic staircase and the floor

- Made from high-quality PVC
- Quick and easy to fit by simply clipping and screwing on
- Suitable for all Minka wooden loft ladders
- Included in the scope of delivery for all wooden attic staircases (except McStep Thermo 33)



Extension for wooden staircases

Staircase extension for Minka loft ladders made of wood

- Fits all Minka wooden loft ladders
- Extension of wooden loft ladders by one step (+ 35 cm)
- Simply attach the stair extension instead of the lowest ladder element
- Plastic stair shoes not included
- No extension possible with four-part ladders

Extension and two-section middle part

Staircase extension for Minka metal loft ladders (A)

- Extension of the staircase by one step (+ 25 cm)
- Simply install the stair extension instead of the lowest ladder element
- Plastic stair shoes included
- No extension possible for four-part ladders and staircases with a room height of 300 cm
- Fits the following staircases: Arctic Fire, Type 1 Passiv Plus, Type 15 Exklusiv, Type 12 Solid

Split centre section for Minka metal loft ladders (B)

- Simply install split middle section instead of centre ladder element
- No fold-out space required due to split middle part
- Fits the following staircases: Arctic Fire, Type 1 Passiv Plus, Type 15 Exklusiv, Type 12 Solid



Extension for scissor stairs

Staircase extension for Minka scissor stairs

- Extension of scissor stairs by one step (+ 25 cm)
- Powder-coated additional step and scissor elements
- Quick and easy installation
- Fits the following staircases: Type 18 Univers and Type 18 Prestige



TYPE 102M	POLAR TOP	EURO TREND PROFI	POLAR EXTREM	POLAR 60	EURO STAR	EURO TREND	ELEGANCE	STEEL	COMPLETE	TRADITION	MCSTEP THERMO 33	TYPE 4M
Scissor staircase	Wooden staircase	Wooden staircase	Wooden staircase	Wooden staircase	Scissor staircase	Wooden staircase	Scissor staircase	Metal staircase	Wooden staircase	Wooden staircase	Wooden staircase	Scissor staircase
Steel powder coated	Natural solid spruce wood	Natural solid spruce wood	Natural solid spruce wood	Natural solid spruce wood	Steel powder coated	Natural solid spruce wood	Steel powder coated	Steel powder coated	Natural solid spruce wood	Natural solid spruce wood	Natural solid spruce wood	Steel powder coated
Steel frame	Natural solid spruce wood	MDF panels with steel frame	Natural solid spruce wood	Natural solid spruce wood	MDF panels with steel frame	MDF panels with steel frame	MDF panels	MDF panels	Natural solid spruce wood	MDF panels	MDF panels	MDF panels
Elz30	-	-	-	-	-	-	-	-	-	-	-	-
1.3	0.4	0.43	0.59	0.64	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150	150	150	150	150	150	150	150	150	150	150	150	150
310	275	270-280*	265-280*	270-280*	300	270-280*	300	275-280*	280	280	265-280*	265-340*
*	35-55*	35-65*	35-65*	35-55*	45-95*	35-65*	45-75*	45-65*	55	35-65*	35-65*	*
*	120	120	115-120*	115-120*	120	120	120	120	120	120	115-120	*
no	yes	yes	yes	yes	no	yes	no	yes	yes	yes	no	no
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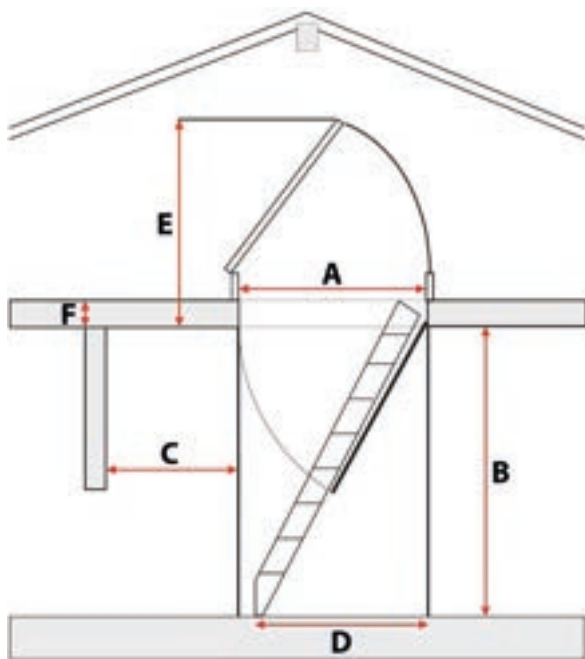
*depending on the size of the hatch frame - exact dimensions in the technical data of the respective products or on request

**made to measure

Measuring and planning

Before you choose an attic staircase, 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.



- A** Dimensions of the ceiling hatch
- B** Clear room height
- C** Fold-out space
- D** Basic size
- E** Swivel range
- F** Ceiling thickness

Dimensions of the ceiling hatch

Our loft ladders can be installed in rectangular and, in some cases, square ceiling openings.

Be sure to measure the length and width of your ceiling opening before purchasing your staircase. You can then choose the right frame size for your loft ladder. In the table with the technical data in the comparison, you can see which staircases are available in which sizes.

Clear room height

The clear room height is an essential parameter for attic staircases. It is measured from the upper edge of the floor to the lower edge of the ceiling.

Make sure that you measure exactly at right angles to the floor. To do this, it can be helpful to place the tape measure or folding rule along a wall. Alternatively, laser measuring devices are also a very useful tool for measuring the room height.

Fold-out space

The ladders of many loft ladders consist of several parts that are connected to each other by hinges. To be able to use the stairs, the ladder must therefore be folded out. This requires a certain amount of space at the front - the so-called fold-out space.

Only our scissor staircases do not usually require a fold-out space, as they can be pulled apart like an accordion.

Basic size

The space available for your staircase is decisive in determining which models are suitable. The best way to measure this is to determine 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 floor space, be sure to include windows, doors, cupboards and radiators so that these are not in the way when opening and closing the attic staircase.

Swivel range

If you want to fit a top cover to your loft ladder, it needs a certain amount of space to swing out at the top. The pitch of the roof should therefore not be too low so that you can easily open the top cover from below and above and climb into the loft comfortably.

The swivel range of each top cover is specified on the product pages. The dimension refers to the distance from the highest point of the opened cover to the lower edge of the ceiling.

Ceiling thickness

The ceiling thickness is an essential parameter for the installation of loft ladders. To find out the ceiling thickness, simply measure from the lower edge of the ceiling to the upper edge of the ceiling.

The hatch frame should be as flush as possible with the ceiling to ensure optimum insulation. If the frame height is too low, additional hatch panelling can be used - preferably in combination with a top cover.

Stair dictionary

Attic stairs

Attic stairs or loft ladders are stairs that lead to unoccupied lofts or attics. They are usually fixed to the ceiling and only folded out or pulled out when required. Attic stairs can be made of wood or metal.

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.

Fire-retardant EI₂30 / EI₂45 / EI₂60

According to the ÖNORM, the fire-retardant effect of materials is categorised into several classes. EI₂30, EI₂45 and EI₂60 also belong to these fire resistance classes. The number in the designation indicates the minimum time the material can withstand a fire. For example, if a loft ladder is labelled EI₂60, this means that the staircase will prevent a fire on one side from spreading further for at least 60 minutes. Fire-retardant loft ladders therefore save valuable time when rescuing people from a fire.

Flat roof exit / flat roof stairs

A retractable flat roof staircase is recommended for accessing flat roofs, for example for repair work or similar. In terms of functionality, flat roof stairs are comparable to attic stairs. However, they have special frames and top covers that are suitable for outdoor use and provide particularly good insulation.

Free passage width

The free or clear passage width is the usable area on the steps. It is slightly smaller than the staircase width, because the stringers take up some space at the sides.

Hatch frame / hatch box

The hatch frame or hatch box is the rectangular frame of loft ladders that is installed in the ceiling and in which the stairs remain when folded in. The length and width of the hatch frame must match the dimensions of the ceiling hatch.

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.

ÖNORM

Austrian standards are known by the abbreviation ÖNORM. They describe certain standards that are to be complied with in various areas, such as the construction industry. The standards developed by Austrian Standards are also recognised throughout Europe in many cases, as can be seen from the letter combination EN (e.g. ÖNORM EN 1363).

Rise

The rise of a staircase indicates how steeply a staircase rises. Specifically, it describes the height from one tread to the next. With our loft ladders, the rise is fixed and not freely adjustable.

Scissor staircase

The scissor staircase is a special type of loft ladder. It consists of steps that are fastened together with so-called scissors - this makes it possible to pull the staircase apart and push it together like an accordion.

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.

Stair shoes

Stair shoes are the plastic attachments at the bottom of attic stairs or 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.

Telescopic handrail

Telescopic handrails made of metal are particularly suitable for scissor stairs. They are mounted at two specific points, but move with the staircase as it is pulled up and pushed in.

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.

U-value

The U-value is an important term when selecting loft ladders and flat roof exits. It provides information about the insulation performance of a material and is therefore also known as the thermal insulation value or heat transfer coefficient.

The U-value describes the amount of energy or heat that flows through a material when different temperatures exist on both sides of the material. The unit of the U-value is W/m²K (watts per square metre times Kelvin). The lower the U-value, the more insulating the material.

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



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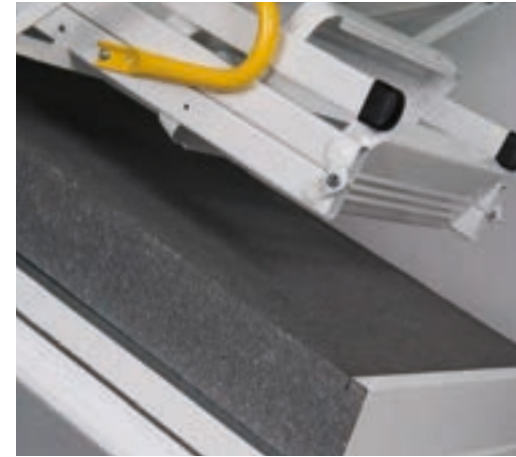
Space-saving stairs

Spiral stairs

Attic stairs

External stairs

Stair safety gates



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