

LOFT

LADDERS



Applications

The Fakro Loft Ladder is a folding pine wood ladder. It provides easy and safe access to your loft. When folded, it is 'hidden' in the ceiling, freeing space inside the room.

Characteristics:

- functional
- durable
- very comfortable
- easy to install

The Fakro loft ladder is a 3 or 4-part folding ladder. Its design and materials used guarantee easy, comfortable, and safe access to the loft. The quick fixing system enables the ladder to be easily installed by two people, and also enables easy ladder height adjustment.



Light and easy to operate and fit.

Design

Normally a 36 mm thick insulated hatch door is installed with all Fakro loft ladders. The hatch door is a pine wood frame, finished on each side with a white or beige HDF panel and the space between is filled with energy saving foamed polystyrene. The insulation coefficient is 1.1W/m²K.

The outer side (visible when the door is closed) of the hatch door is smooth with no fixing points visible. The lock and the metal pole supplied make closing of the hatch door easy.

The unique hatch door opening mechanism is designed in such a way that it does not hinder your access to the loft. The mechanism locks the entire ladder in position when open, ensuring it is stable for operational use. The springs can be adjusted to optimise the momentum (force) of the lid when it is being opened. All ladders' hatch doors are fully edge sealed with a sealing strip to minimise heat loss.

Treads are fitted using dovetail joints for added durability. There is a space between the treads and the hatch for more comfortable foot positioning onto the treads and safety grooves are cut into the treads to prevent slipping.

The angle bracket fastening the ladder to the hatch enables the positioning of the ladder to be adjusted.



Insulated hatch door



Lock and metal pole



Angle brackets enabling positioning of the ladder to be adjusted



Unique design of hatch door opening mechanism



Treads with non-slip grooves

FOLDING LOFT LADDERS

Loft ladders **LWS Smart**



The LWS Smart Loft Ladder is a folding pine wood loft ladder, supplied with an insulated hatch door. The door is beige on the inside and outside.

Treads of the loft ladder LWS Smart do not protrude over the ladder surface.

There is a space between the ladder and the hatch for more comfortable foot positioning onto the treads.

Loft ladder LWS Smart – consists of three or four folding sections.



Non-slip tread Smart

Features:

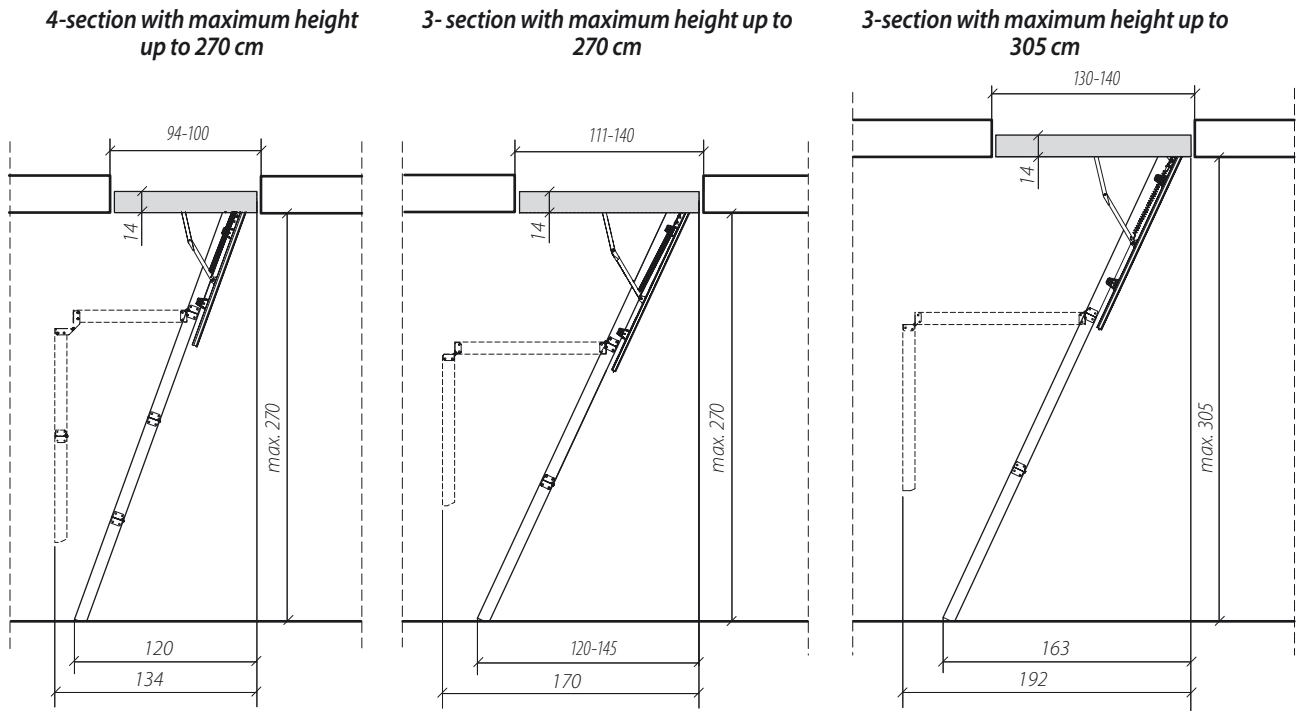
- quick fixing system enables the ladder to be easily installed by two people and allows for easy ladder height adjustment;
- supplied to the client complete and does not require any pre-installation assembly;
- outer side of the hatch with the lock installed inside is smooth, so there are no hardware fixing points visible which could provoke moisture (because of temperature difference) build-up on the surface;
- ideal tightness between the hatch and the frame is secured by a parameter seal positioned in the groove milled in the frame;
- 3.6 cm thick beige insulated hatch door;
- non-slip treads;
- treads do not protrude beyond the ladder surface.

Technical specification:

▪ maximum safe loading	160 kg
▪ insulation coefficient	1.1 W/m ² K
▪ box height	14 cm
▪ tread width	8 cm
▪ distance between treads	25 cm
▪ tread length	34 cm
▪ tread thickness	2 cm
▪ hatch insulation thickness	3 cm

LWS

Diagram of LWS Smart ladders:



Standard loft ladders

ceiling opening size [cm]	55 x 111	60 x 94	60 x 100	60 x 111	60 x 120	60 x 130	60 x 140	70 x 94	70 x 100	70 x 111	70 x 120	70 x 130	70 x 140
loft ladder box dimensions [cm]	55 x 111	58 x 92.6	58 x 98.6	58 x 111	58 x 118.6	58 x 128.6	58 x 138.6	68 x 92.6	68 x 98.6	68 x 111	68 x 118.6	68 x 128.6	68 x 138.6

LWS Smart 3-section up to 270 cm

	+		+	+	+			+	+	+	+	
	15					8				15	8	15

LWS Smart 3-section up to 305 cm

					+	+					+	+
							15					15

LWS Smart 4-section up to 270 cm

		+	+					+	+			
			15							15		



Loft ladder **LWK Komfort**



The LWK Komfort Loft Ladder is a folding ladder made of highest quality pine wood, supplied with an insulated hatch door, red painted metal handrail and stile ends (available only in the 3-section version). The hatch door is white on the inside and outside.

The treads protrude beyond the front of the ladder and there is a considerable space between the ladder and the hatch door. Such a design makes stepping onto the treads easier, thus increasing the ease of using the ladder.

The red-painted metal handrail is mounted on the ladder's angle brackets. This makes climbing the ladder easier.

The brown stile ends, mounted on the ladder feet, enhance the beauty, protect the floor and increase the ladder's stability.



non-slip tread Komfort

Features:

- quick fixing system enables the ladder to be easily installed by two people and allows for easy ladder height adjustment;
- supplied to the client completely assembled and does not require any pre-installation work;
- outer side (visible) of the hatch with the lock installed inside is smooth, so there are no hardware fixing points visible which could provoke moisture (because of temperature difference) build-up on the surface;
- ideal tightness between the hatch and the frame is secured by a parameter seal positioned in the groove milled in the frame;
- 3.6 cm thick white insulated hatch door;
- non-slip treads;
- aesthetically milled corners of treads do not protrude the ladder surface;
- metal handrail;
- stile ends (available only in the 3-section version).

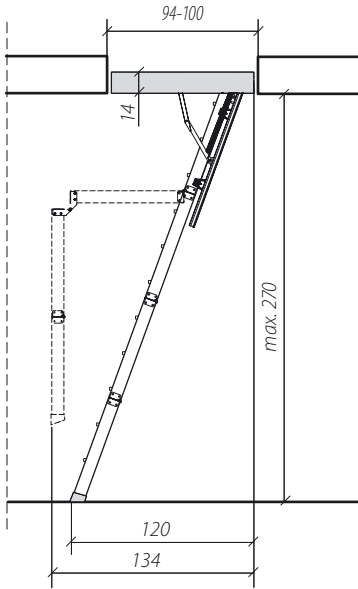
Technical specification:

- | | |
|------------------------------|------------------------|
| ▪ maximum safe loading | 160 kg |
| ▪ insulation coefficient | 1.1 W/m ² K |
| ▪ box height | 14 cm |
| ▪ tread width | 8 cm |
| ▪ distance between treads | 25 cm |
| ▪ tread length | 34 cm |
| ▪ tread thickness | 2 cm |
| ▪ hatch insulation thickness | 3 cm |

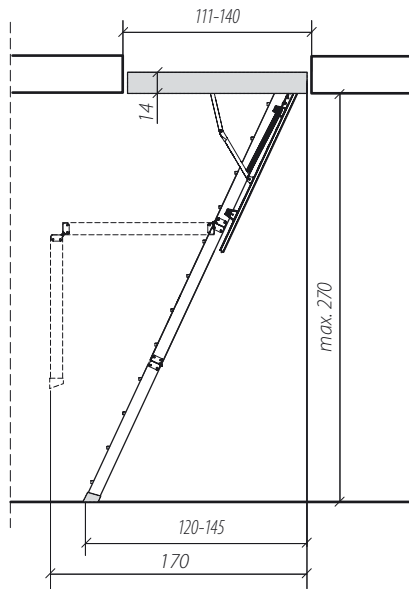
LWK

Diagram of LWK Komfort loft ladders:

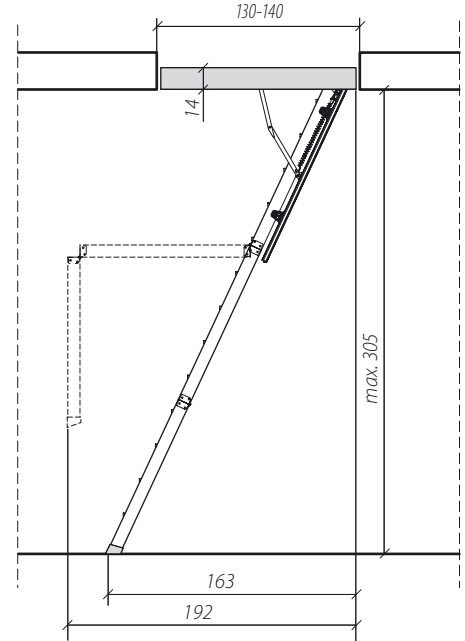
4-section with maximum height up to 270 cm



3-section with maximum height up to 270 cm



3-section with maximum height up to 305 cm



Standard loft ladders

ceiling opening size [cm]	55 x 111	60 x 94	60 x 100	60 x 111	60 x 120	60 x 130	60 x 140	70 x 94	70 x 100	70 x 111	70 x 120	70 x 130	70 x 140
loft ladder box dimensions [cm]	55 x 111	58 x 92.6	58 x 98.6	58 x 111	58 x 118.6	58 x 128.6	58 x 138.6	68 x 92.6	68 x 98.6	68 x 111	68 x 118.6	68 x 128.6	68 x 138.6

LWK Komfort 3-section up to 270 cm

	+			+	+	+				+	+	+	+
	15					8				15		8	15

LWK Komfort 3-section up to 305 cm

						+	+					+	+
							15						15

LWK Komfort 4-section up to 270 cm

			+	+					+	+			
			15						15				

- roof window
- flashings for roof windows
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Loft Ladder **LTK Thermo**



Insulated loft ladders LTK Thermo are 3-section folding ladders made of highest quality pine wood.

They differ from LWK Komfort loft ladders in the box height which is 22 cm and in thermo-insulated hatch door thickness which is 6.6 cm.

They can be used in buildings where there is a big temperature difference between the habitable and non-habitable area. They create a thermo-insulating barrier and prevent heat loss into the loft.

The red-painted metal handrail is mounted on the ladder's angle brackets, which makes climbing the ladder easier.

The brown stile ends, mounted on the ladder feet, enhance the beauty, protect the floor and increase the ladder's stability.

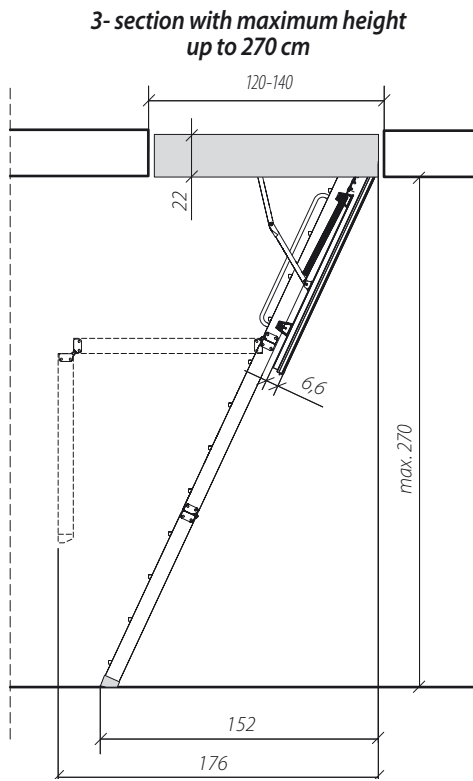
Features:

- quick fixing system enables the ladder to be easily installed by two people and allow for easy ladder height adjustment;
- supplied to the client completely assembled and does not require any pre-installation work;
- outer side (visible) of the hatch with the lock installed inside is smooth, so there are no hardware fixing points visible which could provoke moisture (because of the temperature difference) build-up on the surface;
- ideal tightness between the hatch and the frame is secured by a parameter seal positioned in the groove milled in the frame;
- 6.6 cm thick white thermo-insulating hatch door;
- non-slip treads;
- aesthetically finished corners of treads do not protrude the ladder surface;
- metal handrail;
- stile ends.

Technical specification:

Technical specification:	LTK
▪ maximum safe loading	160 kg
▪ insulation coefficient	0.76 W/m ² K
▪ box height	22 cm
▪ tread width	8 cm
▪ distance between treads	25 cm
▪ tread length	34 cm
▪ tread thickness	2 cm
▪ hatch insulation thickness	6 cm
▪ the highest class of tightness	4K in accordance with EN 12207

Diagram of LTK Thermo loft ladder



Standard loft ladders

ceiling opening size [cm]	60 x 120	70 x 120	70 x 130	70 x 140
loft ladder box dimensions [cm]	58 x 118.6	68 x 118.6	68 x 128.6	68 x 138.6

LTK 3-section up to 270 cm

	+	+	+	+
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LTK Thermo loft ladders are supplied only in above mentioned dimensions.

Double sliding sections loft ladder **LDK**



Loft ladder LDK is a double section ladder with the bottom section sliding up and down. The ladder is made of highest quality pine wood and designed similar to LWK Komfort loft ladder but differs in the manner of folding the ladder.

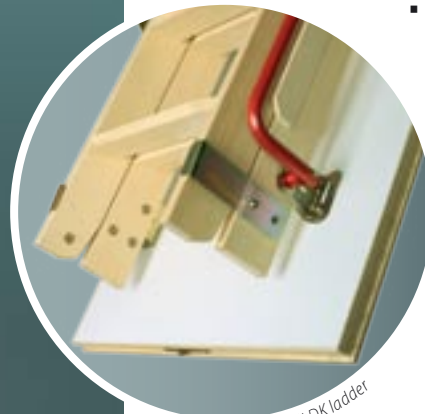
Thanks to a specially designed mechanism it allows the client to slide one section towards the other and to save a swing space required when opening 3 and 4-section folding ladders.

Its modern system enables the ladder to be used in restricted areas where a normal long-section ladder is impractical.

As standard the LDK ladder is equipped with the red painted metal handrail mounted on the angle brackets of the ladder. This makes climbing the ladder easier.

Loft ladder LDK consists of two parts:

- top part: box of the ladder with thermo-insulated hatch door, handrail and base ladder section,
- bottom part: bottom sliding section ladder.



Sliding section of LDK ladder

Features:

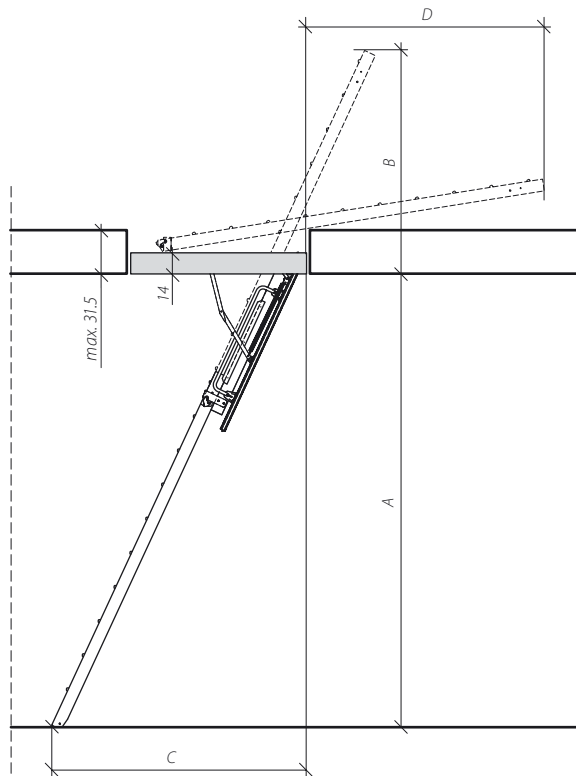
- quick fixing system enables the ladder to be easily installed by two people and allows for easy ladder height adjustment;
- outer side of the hatch with the lock installed inside is smooth, so there are no hardware fixing points visible which could provoke moisture (because of the temperature difference) build-up on the surface;
- ideal tightness between the hatch and the frame is secured by a parameter seal positioned in the groove milled in the frame;
- 3.6cm thick white insulated hatch door;
- non-slip treads;
- aesthetically finished corners of treads do not protrude the ladder surface;
- metal handrail.

Technical specification:

- | | |
|------------------------------|------------------------|
| ▪ maximum safe loading | 160 kg |
| ▪ insulation coefficient | 1.1 W/m ² K |
| ▪ box height | 14 cm |
| ▪ tread width | 8 cm |
| ▪ distance between treads | 25 cm |
| ▪ tread length | 34 cm |
| ▪ tread thickness | 2 cm |
| ▪ hatch insulation thickness | 3 cm |

LDK

Diagram of double sliding sections loft ladder LDK



Dimensions of the ladder			
size A [cm]	size B [cm]	size C [cm]	size D [cm]
270	120	158	120
300	150	172	153
335	185	188	192

Loft ladders

ceiling opening size [cm]	60 x 120	70 x 120	70 x 130	70 x 140
loft ladder box dimensions[cm]	58 x 118.6	68 x 118.6	68 x 128.6	68 x 138.6

LDK* double section ladders

	+	+	+	+
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* The complete ladder consists of top part and sliding element; LDK + LDS.
Double sliding sections loft ladder LDK is provided only in sizes included in the chart.

sliding element LDS

9 treads up to 270 cm	+
10 treads up to 300 cm	+
12 treads up to 335 cm	+

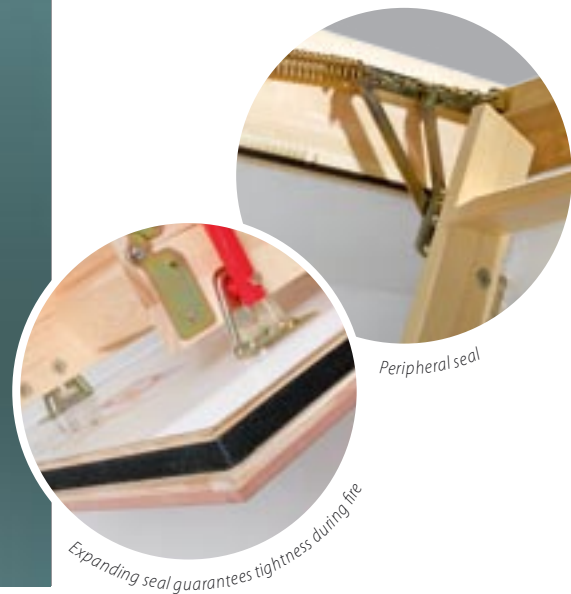
Fire-resistant loft ladder **LWF**

NEW



The LWF fire-resistant loft ladder provides an easy access to the loft performing at the same time the function of a blaze block in case of fire inside the building. The hatch, manufactured with the use of fireproof materials, is equipped with an expanding peripheral seal which ensures tightness during fire. The LWF loft ladder possesses a fire resistance of 30 minutes.

The ladder's segment folding system and the facility to lock the hatch in a fully opened position ensure an ease of operation. Safety is ensured thanks to the application of rounded side supporters and remaining hardware which do not pose any risk of injury.



Peripheral seal

Expanding seal guarantees tightness during fire

Features

- hatch equipped with an expanding peripheral seal, which under the influence of high temperature increases its volume and prevents the smoke from entering the fire free storey;
- quick fixing system enables the ladder to be easily installed by two people and allows for easy ladder height adjustment;
- ladder supplied to the client is completely assembled and does not require any pre installation work;
- anti - slip treads;
- aesthetically milled corners of treads do not protrude the ladder surface;
- metal handrail;
- stile ends;
- ladder supplied to the client is completely assembled and does not require any pre-installation work.

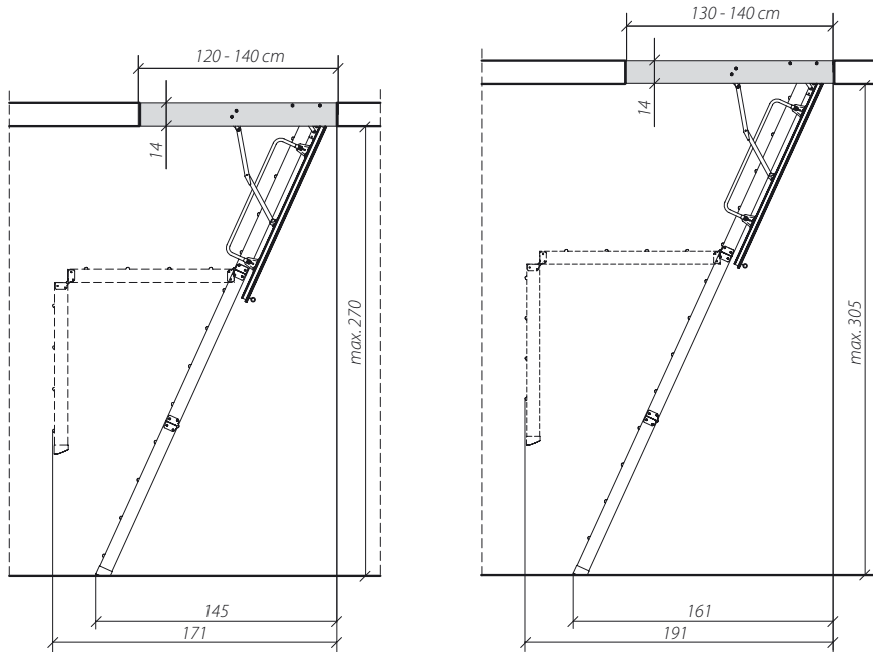
Technical specification

- maximum safe loading
- fire resistance EL
- box height
- tread width
- distance between treads
- tread length
- tread thickness
- hatch insulation thickness

LWF

maximum safe loading	160 kg
fire resistance EL	30 minutes
box height	14 cm
tread width	8 cm
distance between treads	25 cm
tread length	34 cm
tread thickness	2 cm
hatch insulation thickness	3 cm

Diagram of LWF loft ladder



Standard loft ladders

ceiling opening size [cm]	60 x 120	70 x 120	70 x 130	70 x 140	86 x 130
loft ladder box dimensions [cm]	58 x 118,6	68 x 118,6	68 x 128,6	68 x 138,6	84 x 128,6

LWF 3-section up to 270

	+	+	+	+	+
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LWF 3-section up to 305

			+	+	+
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Segment loft ladder with metal handrail LWM

NEW



The LWM loft ladder provides an easy access to the loft. It consists of a metal ladder and beige energy-saving hatch with an insulation coefficient of 1.1 W/m²K. The 36mm thick, heat-insulating hatch significantly reduces heat loss. A peripheral seal positioned in the milled part of the box guarantees a first-class tightness.

The ladder's segment folding system and possibility to lock the hatch in fully open position ensure an ease of operation. The double hinges' joints and string's profile plugging guarantee a high ladder durability. The patented hatch hinge's corner prevents frame deformation. The outer (visible) side of the hatch is smooth without any visible fixing elements.



double hinge joints



non-slip tread

Features

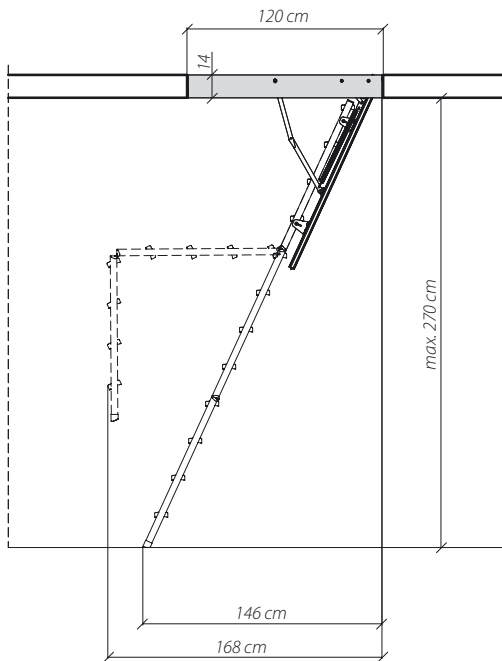
- robust construction – maximum permissible load is 200kg
- quick fixing system enables the ladder to be easily installed by two people and allows for easy ladder height adjustment;
- ladder supplied to the client is completely assembled and does not require any pre-installation work;
- outer side of the hatch with the lock installed inside is smooth, so there are no hardware fixing points visible which could provoke moisture (because of the temperature difference) build-up on the surface;
- ideal tightness between the hatch and the frame is secured by a parameter seal positioned in the groove milled in the frame;
- 3.6 cm thick beige insulated hatch door;
- non-slip treads;
- stile ends.

Technical specification

- | | |
|------------------------------|------------------------|
| ▪ maximum safe loading | 200 kg |
| ▪ insulation coefficient | 1.1 W/m ² K |
| ▪ box height | 14 cm |
| ▪ tread width | 8 cm |
| ▪ distance between treads | 25 cm |
| ▪ tread length | 34 cm |
| ▪ hatch insulation thickness | 3 cm |

LWM

Diagram of LWM loft ladder



Standard loft ladders

ceiling opening size [cm]	60 x 120	70 x 120
loft ladder box dimensions [cm]	58 x 118,6	68 x 118,6

LWM 3-section up to 270 cm

	+	+
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15

FOLDING LOFT LADDER ACCESSORIES



Loft balustrade LXB

Loft balustrade LXB

The pine wood Loft balustrade protects against falling down through the ladder opening and makes it easier to climb down the ladder. It is mounted to the ladder casing. Additional metal flat-bars mounted on the entrance side strengthen the construction. The balustrade is available in one size, 70 x 130 cm. If fitting other ladder sizes, cutting will be required for smaller ladders. For sizes over 70 x 130 cm exact size is required. The balustrade is 95 cm high.

🔧 8*

Handrail LXH

The red-painted metal handrail is mounted on the angle brackets of the ladder, and can be mounted on either side of the ladder, making climbing easier. The rail is available in two lengths, 50 cm and 75 cm. The 50 cm handrails are suitable for ladders with box size up to 100 cm in length, and the 75 cm long handrails are suitable for ladders with box size above 100 cm in length.

🔧 8

Stile ends LXS

The brown stile ends are finishing elements mounted on the base of the ladder, adding a smart touch to its appearance. Thanks to its design, they add to the ladder's stability and are made from specially selected material to protect the floor from being scratched. They are easy to install and can be mounted on ladders already in use.

🔧 8

Lining LXL

Lining is designed to finish installation of the loft ladder and to cover gaps in the ceiling which remain after the fitting process. They are made from pine wood. Simple and easy fitting process allows fast installation on the ceiling.

Properly chosen width (3.5cm) and shape of lining gives the impression of a professional installation of the ladder.

Lining LXL is available in white and in natural colour of wood for ladder box sizes 70 x 140 cm. If fitting smaller ladder box sizes- the lining has to be cut.

🔧 8*



Handrail LXH



Stiles LXS



Lining LXL

Non-standard loft ladder sizes LWS, LWK

Non-standard loft ladder sizes are available only in version LWS Smart and LWK Komfort and are manufactured in the sizes shown in the chart.

Non-standard dimensions

Relationship between the length of ceiling opening and room height		Number of ladder sections	Width of ceiling opening [cm]	External width of ladder section [cm]
Height of room [cm]	Length of ceiling opening [cm]			
270	94 - 140	4	50 - 55 56 - 82	34 38
270	111 - 140	3	50 - 55 56 - 82	34 38
290	112 - 140	4	50 - 55 56 - 82	34 38
305	130 - 140	3	50 - 55 56 - 82	34 38
325	120 - 140	4	50 - 55 56 - 82	34 38

Such ladders are available for an additional charge of 60% over and above the price of the next largest stock size. It is not possible to mount handrails on ladders with a ceiling opening width of less than 55 cm. When ordering non-standard size ladders, you must provide the actual dimensions of the loft opening. These dimensions will be reduced by the necessary clearance to allow proper installation of the ladder.

roof window

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accessories for roof windows

installation accessories

electronic control

roof access windows

skylights

loft ladders

solar panels

users guide

SCISSORS LOFT LADDER

Fire resistant loft ladder **LSF**



A fire-resistant scissoring ladder LSF providing easy and safe access to the loft while, at the same time, providing a fire block during a fire inside the building. It protects against fire and smoke expansion turning the space into a fire free storey allowing precious time while awaiting the fire brigade.

A scissoring system of folding the ladder enables the ladder to be folded to smaller lengths and therefore allows smaller sizes of loft hatch to be achieved.

Specially designed hatch angle and regulation of the opening mechanism allows for easy ladder height adjustment (without cutting) to the height of the room.

Elegant and modern style of the scissoring loft ladder is achieved by the "S"-shaped frontal of the ladder.

LSF ladder is suitable for rooms with maximum height up to 320 cm. The ladder height enlargement to match the room height can be achieved by installation of an additional tread section.

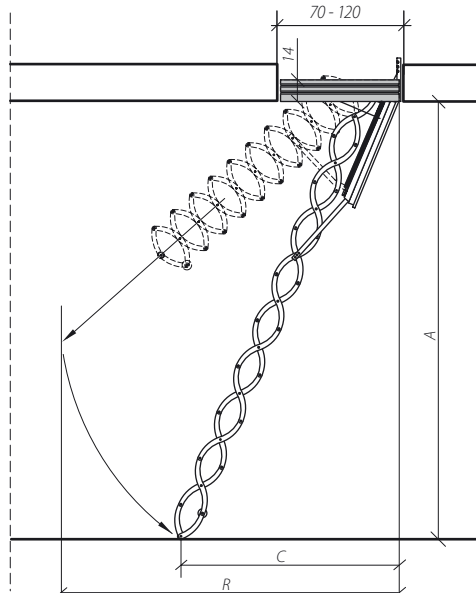
Features:

- quick fixing system enables the ladder to be easily installed by three people and allows for easy ladder height adjustment without cutting;
- ladder supplied to the client is completely assembled and does not require any pre-installation work;
- outer side of the hatch with the lock installed inside is smooth, so there are no hardware fixing points visible which could provoke moisture (because of the temperature difference) build-up on the surface;
- inner part of the frame is equipped with a gasket, which under the influence of high temperature increases its volume and prevents the smoke from entering the higher storey;
- scissoring system of folding allows smaller sizes of ladder box to be achieved.

Technical specification:

	LSF
▪ maximum safe loading	250 kg
▪ fire rating EL	30 mins
▪ box height	14 cm
▪ tread width	8 cm
▪ tread length 40 cm – for ladder's width	70 cm
▪ tread length 32 cm – for ladder's width	60 cm
▪ tread length 30 cm – for ladder's width	50 cm

Diagram of ladder LSF



Characteristic dimensions		
size A [cm]	size C [cm]	size R [cm]
270	165	170
280	145	175
290	130	180
300	120	185
310	130	200
320	140	210

Loft ladders

ceiling opening size [cm]	50 x 70	60 x 90	60 x 120	70 x 80	70 x 90	70 x 110	70 x 120
loft ladder box dimensions [cm]	49x 68.5	59x 88.5	59x 118.5	69x 78.5	69x 88.5	69x 109.5	69x 118.5

LSF up to 300 cm

	+	+	+	+	+	+	+
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Additional tread section LSS*

	+
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LSF loft ladder is manufactured only in sizes included in the chart.
 * When ordering the LSS tread sections, the commercial size of the loft ladder has to be provided.

- roof window
- flashings for roof windows
- accessories for roof windows
- installation accessories
- electronic control
- roof access windows
- skylights
- loft ladders
- solar panels
- users guide

Scissors loft ladder with heat-insulating hatch **LST**

NEW



The LST loft ladder provides an easy and safe access to the loft. The scissors construction makes ladder folding possible.

A 36mm thick, white, heat-insulating hatch with an insulation co-efficient of $1.1\text{W/m}^2\text{K}$ significantly reduces heat loss. A peripheral seal in the lower part of the box guarantees first-class tightness.

The scissors system of folding the ladder and the possibility to lock the hatch in a fully open position ensure an ease and safety of operation. The small ladder dimensions ($50 \times 78.6\text{m}$) achieved thanks to the unique system of folding, allow the ladder to be installed in smaller openings.

The S-shaped strings give a modern appearance and perform the role of a handrail, facilitating climbing the ladder.



Lining slats

Pitch of the stairs regulating mechanism

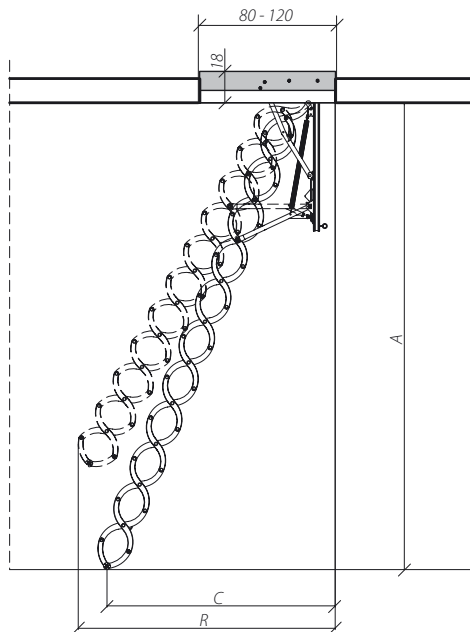
Features

- specially designed ladder angle adjusting mechanism allows an easy ladder height adjustment without cutting;
- robust construction – maximum permissible load is 200 kg;
- small ladder dimensions;
- fixing system enables the ladder to be easily installed by two people;
- a first-class tightness guarantees a peripheral seal in the lower part of the box;
- equipped with white 36 mm thick heat-insulating hatch;
- anti-slip treads.

Technical specification

- | | |
|---|---------------------------|
| ▪ maximum safe loading | 200 kg |
| ▪ insulation coefficient | $1.1\text{W/m}^2\text{K}$ |
| ▪ box height | 18 cm |
| ▪ tread width | 8 cm |
| ▪ distance between treads | 25 cm |
| ▪ tread length 40 cm – for ladder's width | 70 cm |
| ▪ tread length 32 cm – for ladder's width | 60 cm |
| ▪ tread length 30 cm – for ladder's width | 50 cm |
| ▪ hatch insulation thickness | 3 cm |

Diagram of the LST loft ladder



Characteristic dimensions

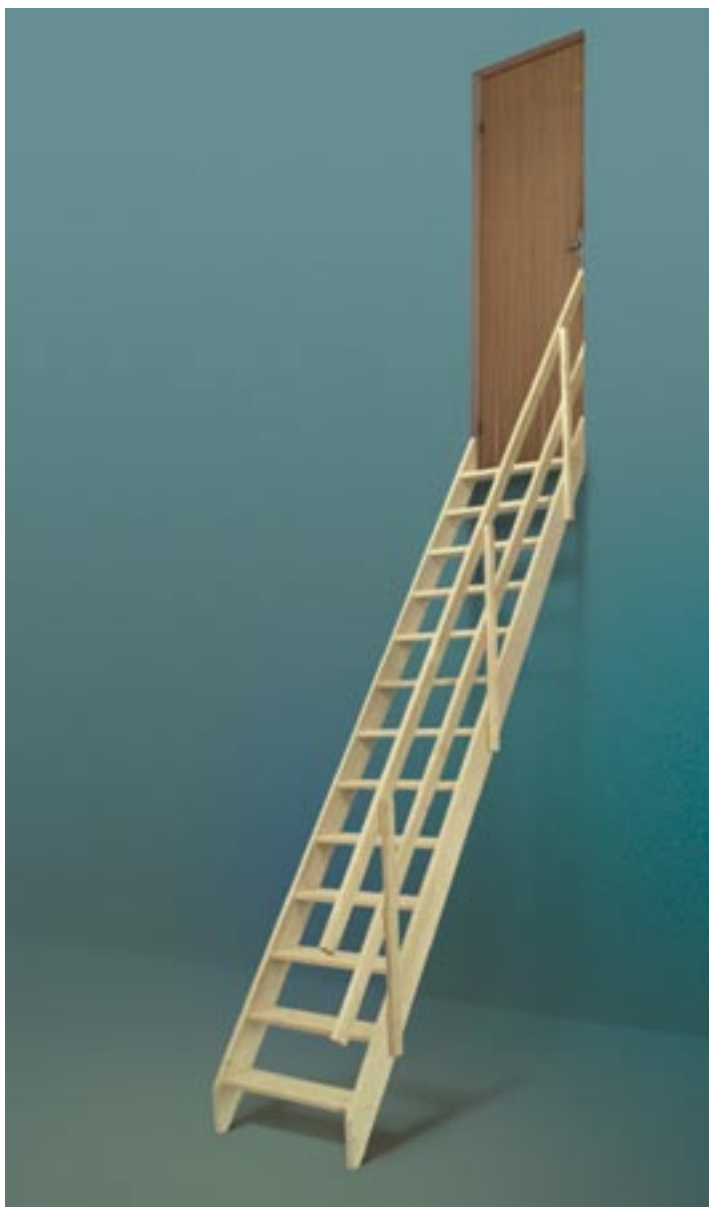
size A [cm]	size C [cm]	size R [cm]
270	132	150
280	128	150
290	142	160
300	138	160
310	152	170
320	148	170

Standard loft ladders

ceiling opening size [cm]	50 x 80	60 x 90	60 x 120	70 x 80	70 x 120
loft ladder box dimensions [cm]	50 x 78,6	58 x 88,6	58 x 118,6	68 x 78,6	68 x 118,6

THE "MILLER" STAIRCASE

MSU Universal Staircase



The 'Miller' staircase MSU Universal is a fixed, non-folding, and manufactured from solid spruce wood, staircase. Thanks to its simple and light construction, it can be installed to a number of different types of rooms and perfectly match with their interior.

Simple treads as well as a properly chosen angle of inclination guarantee comfortable operational use of the stairs.

The external width of the stairs is 65 cm. The stairs as standard are provided without handrail. In order to enhance the comfort of use of the stairs it is possible to buy an MXH handrail. The handrail can be installed on left or right side of the stairs.

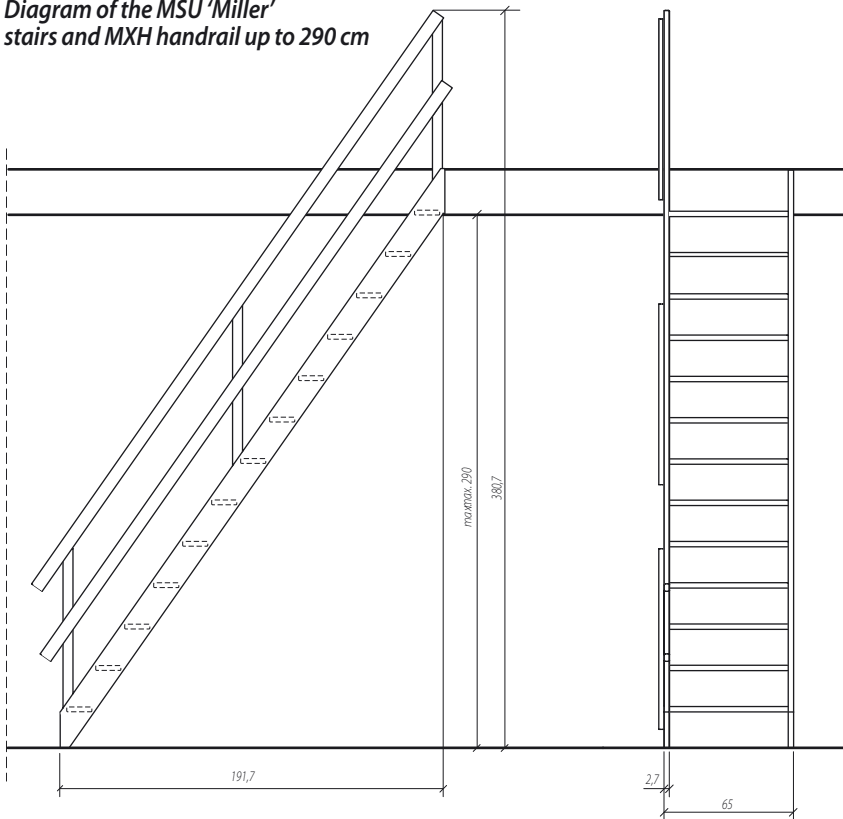
Features:

- simple and light construction;
- in order to install the stairs only a small amount of space is required;
- fixing system enables the ladder to be easily installed by two people and allows for easy ladder height adjustment;
- both the staircase and handrails are delivered ready for home assembly.

Technical specification:

	MSU
▪ maximum safe loading	160 kg
▪ tread width	14 cm
▪ distance between treads	25 cm
▪ tread length	60 cm
▪ tread thickness	2.7 cm
▪ stairs inclination angle	55°
▪ number of treads	13
▪ wall opening dimensions	70 x 145
▪ maximum room height	290 cm

Diagram of the MSU 'Miller' stairs and MXH handrail up to 290 cm



'Miller' staircase

wall opening dimensions [cm]	70 x 145
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MSU Universal up to 290 cm

	+	15
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Handrail

	+	15
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-  accessories for roof windows
-  installation accessories
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L-shaped combination door **DWK**



The L-shaped combination doors are intended to be built into L-shaped walls. They provide an access to the unused space behind the L-shaped wall. First-class thermo-insulating parameters ($U=1.1W/m^2K$) along with high tightness keep heat-loss to a minimum. The L-shaped door may be installed in two versions of opening i.e. to the right or to the left.

DWK L-shaped combination doors are equipped with 35 mm thick lining as standard in natural colour and with 36mm thermo-insulated sash which is made as a wooden frame and finished on each sides with a white HDF panel.

Features

- lining as standard;
- lock enabling tight door closing;
- universal opening;
- insulation coefficient: $U = 1.1 W/m^2K$;
- thermo-insulation thickness: 3 cm;
- frame width: 9 cm;
- frame thickness: 2.7 cm.

Standard L-shaped combination door

Wall opening [cm]	55 x 80	60 x 80	60 x 100	60 x 110	70 x 90	70 x 100	70 x 110
Frame dimensions[cm]	53,4 x 78,4	58,4 x 78,4	58,4 x 98,4	58,4 x 108,4	68,4 x 88,4	68,4 x 98,4	68,4 x 108,4

DWK

	+	+	+	+	+	+	+
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