



**LOFT
LADDERS**

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
- lightweight
- durable
- easy to use and 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.

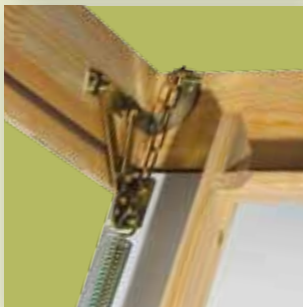
Design



As standard a 36mm 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. The insulation co-efficient is 1.1 W/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 the hatch door easy. Please remember to lubricate the locking mechanism at regular intervals.



The ladder is fastened with angle brackets that enable the ladder to be positioned and fixed precisely. The unique opening mechanism is designed in such a way that it does not hinder your access to the loft. The opening door-spring mechanism is adjustable to suit personal preference. All ladders' hatch doors are fully edge sealed with a sealing strip to minimise heat loss.

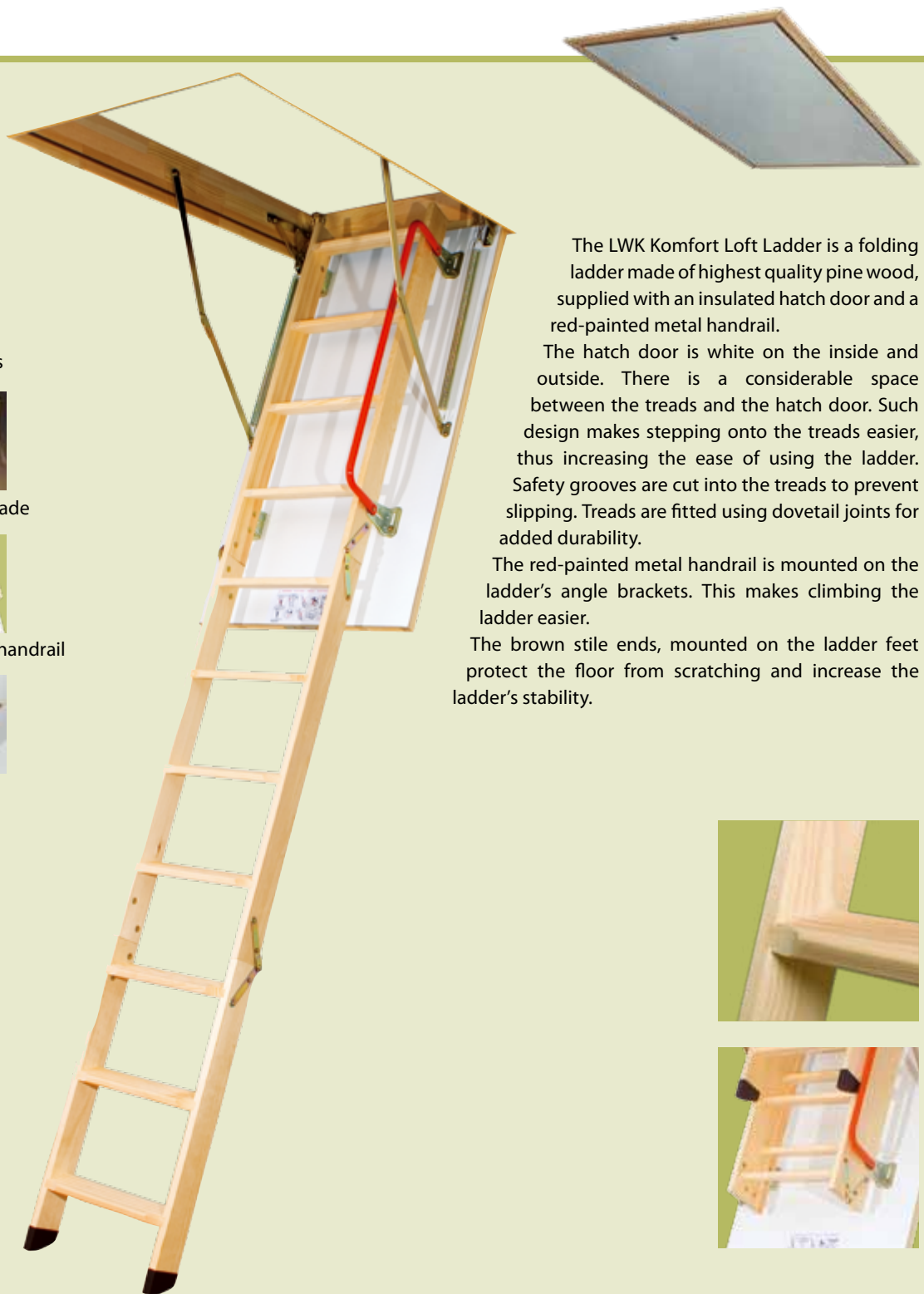


Treads are fitted using dovetail joints for added durability. Safety grooves are cut into the treads to prevent slipping (the Komfort version).



Brackets enable adjustment of the height of the steps to be made.

Loft ladder LWK Komfort



Accessories



loft balustrade



additional handrail



lining

The LWK Komfort Loft Ladder is a folding ladder made of highest quality pine wood, supplied with an insulated hatch door and a red-painted metal handrail.

The hatch door is white on the inside and outside. There is a considerable space between the treads and the hatch door. Such design makes stepping onto the treads easier, thus increasing the ease of using the ladder. Safety grooves are cut into the treads to prevent slipping. Treads are fitted using dovetail joints for added durability.

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 protect the floor from scratching and increase the ladder's stability.



Technical specification:

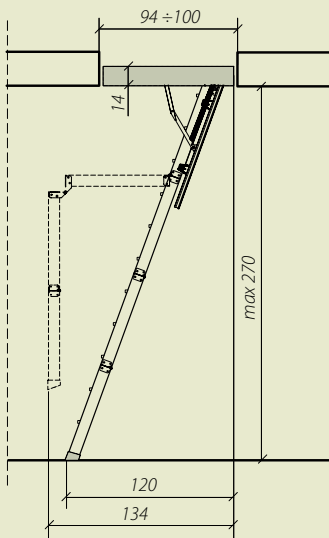
| | |
|------------------------------|-----------------------|
| — maximum safe loading | 160kg |
| — insulation co-efficient | 1.1W/m ² K |
| — box height | 14cm |
| — tread width | 8cm |
| — tread length | 34cm |
| — tread thickness | 2cm |
| — hatch insulation thickness | 3cm |

Characteristics:

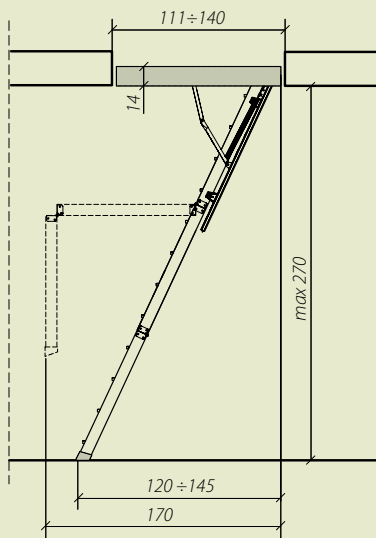
- functional
- durable
- easy to use and install
- 3-year guarantee
- 36mm thick white insulated hatch door
- non-slip treads
- metal handrail
- stile ends (available only in the 3-section version)

Diagram of the loft ladders:

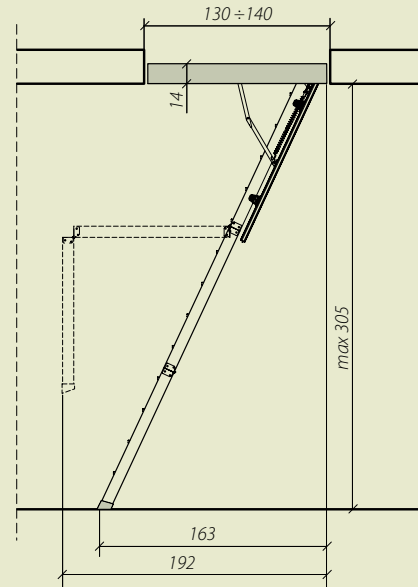
4 – section with maximum height up to 270cm



3 – section with maximum height up to 270cm



3 – section with maximum height up to 305cm



Dimensions LWK Komfort

| ceiling opening size [cm] | 55x111 | 60x94 | 60x100 | 60x111 | 60x120 | 60x130 | 60x140 | 70x94 | 70x100 | 70x111 | 70x120 | 70x130 | 70x140 |
|----------------------------|--------|---------|---------|--------|----------|----------|----------|---------|---------|--------|----------|----------|----------|
| loft ladder box dimensions | 55x111 | 58x92.6 | 58x98.6 | 58x111 | 58x118.6 | 58x128.6 | 58x138.6 | 68x92.6 | 68x98.6 | 68x111 | 68x118.6 | 68x128.6 | 68x138.6 |

3 – section up to 270cm (standard offer - stock items)

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ■ | — | — | ■ | ■ | ■ | — | — | — | — | ■ | ■ | ■ | ■ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

4 – section up to 270cm (special order)

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | ■ | ■ | — | — | — | — | — | ■ | ■ | — | — | — | — |
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3 – section up to 305cm (special order)

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | — | — | — | ■ | ■ | — | — | — | — | ■ | ■ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Double sliding sections loft ladder LDK

Accessories



loft balustrade



additional handrail



lining



The ladder provides easy and safe access to the attic. Its modern system enables the ladder to be used in restricted areas where a normal long-section ladder is impractical. Double sliding sections attic ladder is made of pinewood. Upon installation this space – saving ladder neatly folds away into the ceiling.



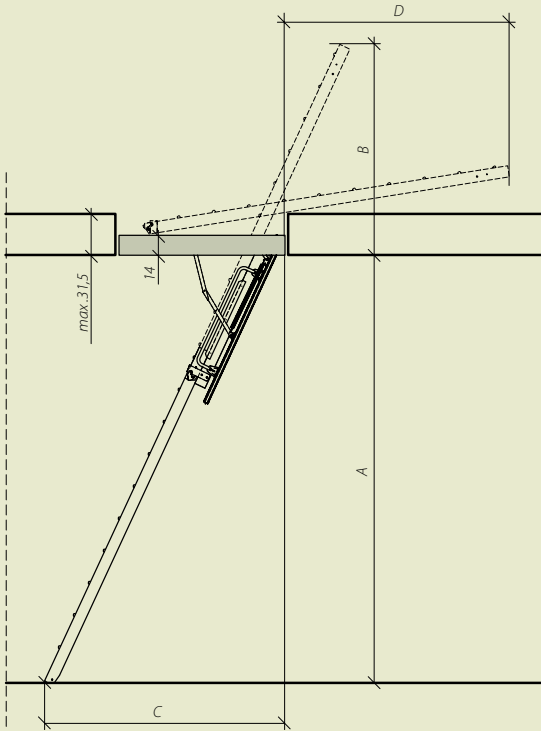
Technical specification:

| | |
|-------------------------------|-----------------------|
| — maximum load | 160kg |
| — insulation co-efficient | 1.1W/m ² K |
| — height of the casing | 14cm |
| — width of the step | 8cm |
| — distance between the treads | 25cm |
| — tread thickness | 2cm |
| — thermo-insulation thickness | 3cm |
| — tread length | 34cm |

Characteristics:

- functionality
- durability
- high comfort of use
- the quick fixing system enables the ladder to be easily installed by two people, and also enables easy ladder height adjustment
- the thermo-insulating lid 36mm thick in white colour
- steps are milled with anti-slip grooves
- metal hand rail

Diagram of the loft ladder:



Characteristic dimensions

| size A [cm] | size B [cm] | size C [cm] | size D [cm] |
|-------------|-------------|-------------|-------------|
| 270 | 120 | 158 | 120 |
| 300 | 150 | 172 | 153 |
| 335 | 185 | 188 | 192 |

Dimension LDK - only special order

| | |
|----------------------------|----------|
| ceiling opening size [cm] | 60x120 |
| loft ladder box dimensions | 58x118.6 |

LDS sliding section



LWF fire-resistant loft ladder

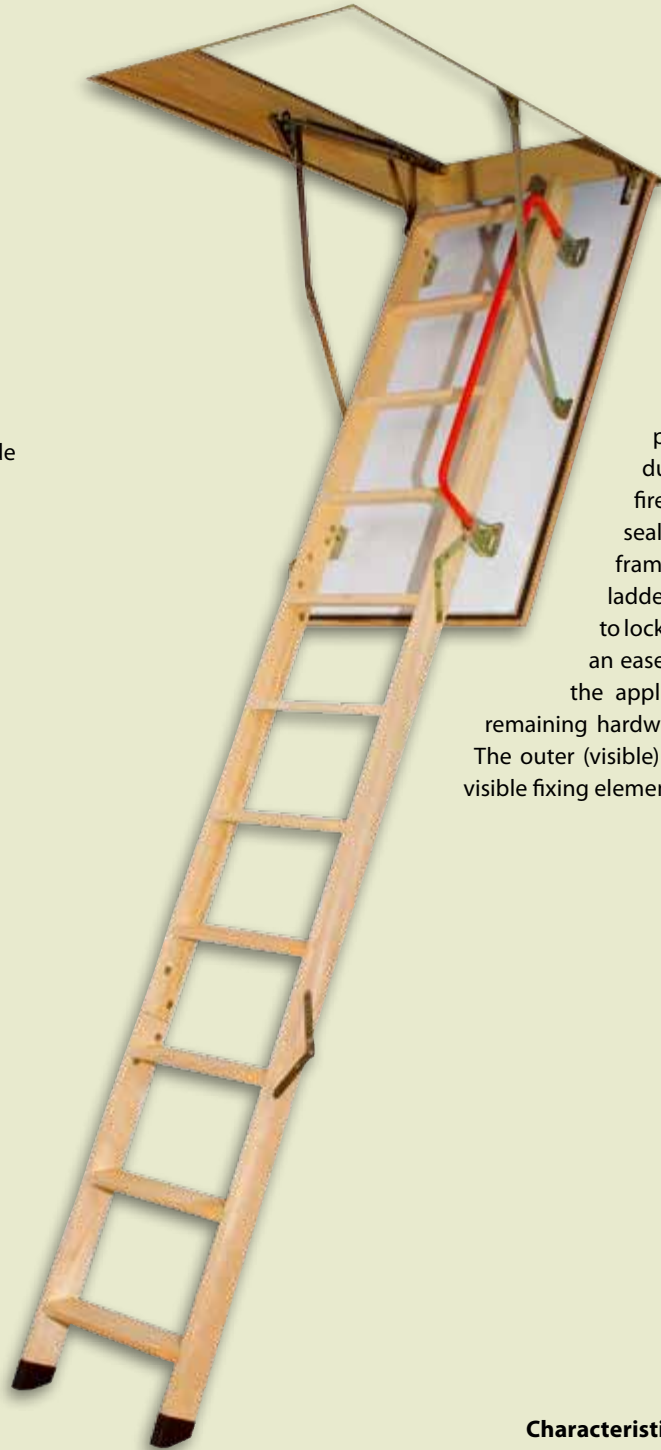
Accessories



loft balustrade



lining



The LWF fire-resistant loft ladder provides an easy access to the loft performing at the same time the function of a fire block in case of fire inside the building. The hatch, manufactured with the use of fire proof 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 peripheral seal positioned in the groove milled in the frame guarantees first-class tightness. 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. The outer (visible) side of the hatch is smooth without any visible fixing elements.

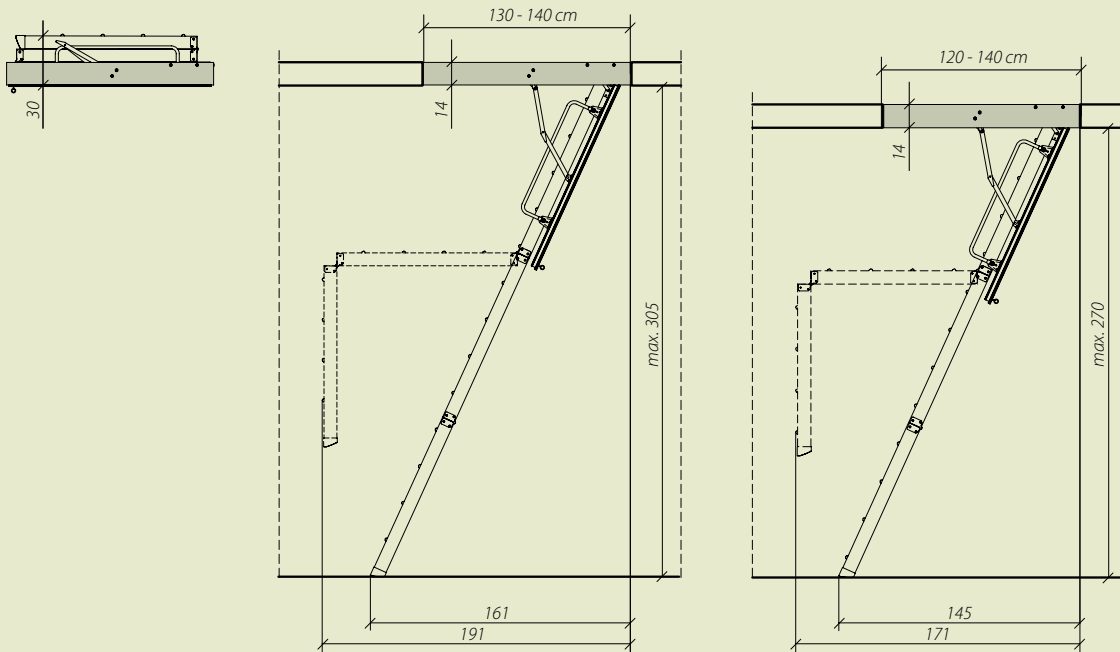
Technical specification:

| | |
|-------------------------------|-----------------------|
| — maximum load | 160kg |
| — insulation co-efficient | 1.1W/m ² K |
| — fire- resistance | 30 minutes |
| — height of the casing | 14cm |
| — width of the step | 8cm |
| — distance between the treads | 25cm |
| — tread length | 34cm |
| — tread thickness | 2cm |
| — thermo-insulation thickness | 3cm |

Characteristics:

- robust construction
- maximum permissible load is 160kg. During laboratory tests even under a load of 480kg there was no permanent damage observed
- protective stile ends
- thanks to the stile ends mounted on the ladder feet the floor surface is protected from scratches
- user comfort
- handrail attached to the first segment facilitates climbing the ladder
- anti-slip treads
- safety grooves cut in the treads' surface prevent slipping

Diagram of the loft ladder:



Dimension LWF

| ceiling opening size [cm] | 60x120 | 60x130 | 70x120 | 70x140 | 86x130 |
|----------------------------|----------|----------|----------|----------|----------|
| loft ladder box dimensions | 58x118.6 | 58x128.6 | 68x118.6 | 68x138.6 | 84x128.6 |

Available dimensions max. 270cm

| | | | | | |
|--|---|---|---|---|---|
| | ■ | — | ■ | ■ | ■ |
|--|---|---|---|---|---|

Available dimensions max. 305cm


| | | | | | |
|--|---|---|---|---|---|
| | — | ■ | — | ■ | ■ |
|--|---|---|---|---|---|

Accessories



Loft balustrade LXB

The pinewood loft balustrade 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, 70x130cm. If fitting other ladder sizes, cutting will be required for smaller ladders. For sizes over 70x130cm exact size is required. The balustrade is 95cm high.


Balustrade prices LXB  10

Size 70x130x95 [cm]



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, 50cm and 75cm. The 50cm handrails are suitable for ladders up to 100cm in length, and the 75cm long handrails are suitable for ladders above 100cm in length.


Handrail LXH  10

Size 50 or 75 [cm]



Stile ends LXS


The brown stile ends are finishing elements mounted on the base of the ladder, adding a smart touch to its appearance. 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 they can be mounted on ladders already in use.

Stile ends LXS  10



Lining LXL

The lining is designed to finish installation of the loft ladders and to cover gaps in the ceiling which remain after the fitting process. They are made from pine wood. A simple and easy fitting process allows fast installation on the ceiling.


Lining LXL  10

Non-standard dimensions LWK Komfort

Non-standard dimensions LWK Komfort

 25

| 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 | from 94 to 140 | 4 | from 50 to 55 from 56 to 82 | 34 38 |
| 270 | from 111 to 140 | 3 | from 50 to 55 from 56 to 82 | 34 38 |
| 290 | from 112 to 140 | 4 | from 50 to 55 from 56 to 82 | 34 38 |
| 305 | from 130 to 140 | 3 | from 50 to 55 from 56 to 82 | 34 38 |
| 325 | from 120 to 140 | 4 | from 50 to 55 from 56 to 82 | 34 38 |

 Order processing time – working days.

Loft ladder LSF Komfort – fire-resistant scissors ladder



A fire-resistant ladder providing easy and safe access to the attic while, at the same time, providing a fire block during a fire inside the building. A modern 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. The inner part of the frame is equipped with a gasket, which under the influence of high temperatures increases its volume and prevents the smoke from entering the higher storey. Maximum height of the room is 320cm.



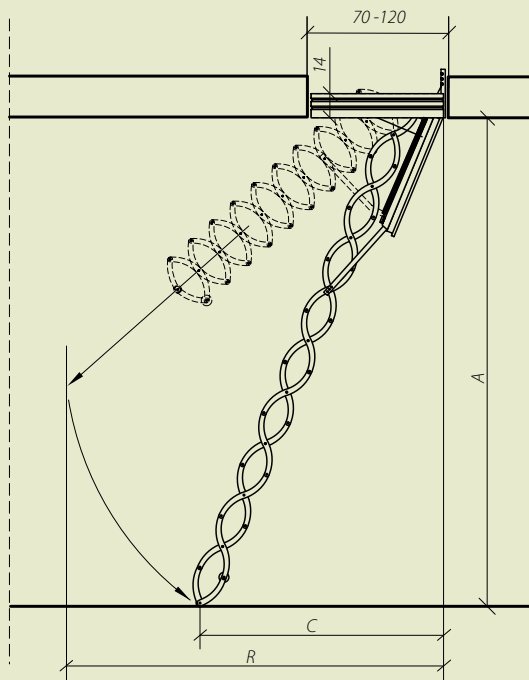
Technical specification:

| | |
|------------------------|--|
| — height of the casing | 14cm |
| — width of the tread | 8cm |
| — tread length | 40cm – for ladder's width 70cm 32cm – for ladder's width 60cm 30cm – for ladder's width 50cm |
| — fire- resistance | 30 minutes |
| — maximum load | 250kg |

Characteristics:

- functionality
- durability
- high comfort of use
- the quick fixing system enables the ladder to be easily installed by three people, and also enables easy ladder height adjustment
- the fire-resistant lid is made of incombustible material
- tested to EN1634

Diagram of the loft ladder:



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 |

Dimension LSF - only special order

| ceiling opening size [cm] | 50x70 | 60x120 | 70x110 |
|----------------------------|---------|----------|----------|
| loft ladder box dimensions | 49x68.5 | 59x118.5 | 69x108.5 |

Extension of the attic ladder up to 320cm is possible by adding additional tread.

LST scissors loft ladder with heat-insulating hatch



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 S-shaped strings give a modern appearance and perform the role of a handrail, facilitating climbing the ladder. 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 hatch dimensions (50x80), achieved thanks to the unique system of folding, allow the ladder to be installed in smaller openings. Safety is ensured by the application of rounded side supporters and remaining hardware which do not pose any risk of injury. The outer (visible) side of the hatch is smooth without any visible fixing elements.



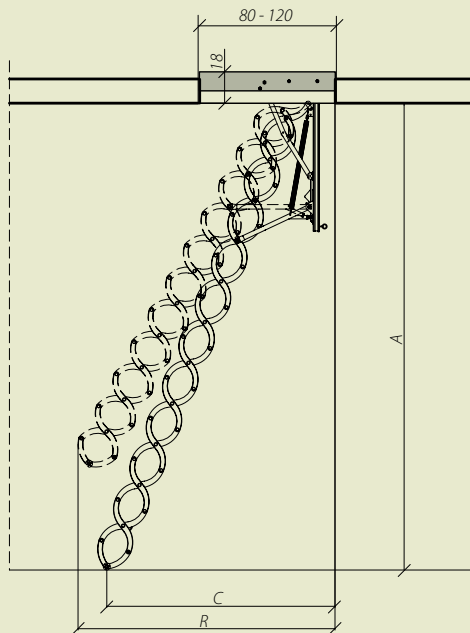
Technical specification:

| | |
|-------------------------------|---------------------------|
| — maximum load | 200kg |
| — insulation co-efficient | $1.1\text{W/m}^2\text{K}$ |
| — height of the casing | 14cm |
| — width of the step | 8cm |
| — distance between the treads | 25cm |
| — tread length | 34cm |
| — thermo-insulation thickness | 3cm |

Characteristics:

- robust construction – maximum permissible load is 200kg. During laboratory tests even under a load of 600kg there was no permanent damage observed
- easy installation
- white metal lining allows quick fixing and levelling of the ladder in the ceiling
- adjustable ladder angle
- specially designed ladder angle adjusting mechanism allows an easy ladder height adjustment without cutting
- anti-slip treads
- safety grooves

Diagram of the 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 |

Dimension LST

| ceiling opening size [cm] | 50x80 | 70x80 | 60x90 | 60x120 | 70x120 |
|----------------------------|---------|---------|---------|----------|----------|
| loft ladder box dimensions | 50x78.6 | 68x78.6 | 58x88.6 | 58x118.6 | 68x118.6 |

LWM segment loft ladder with metal handrail

Accessories



loft balustrade



additional handrail



lining



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 co-efficient of $1.1\text{W}/\text{m}^2\text{K}$. 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 facility 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.

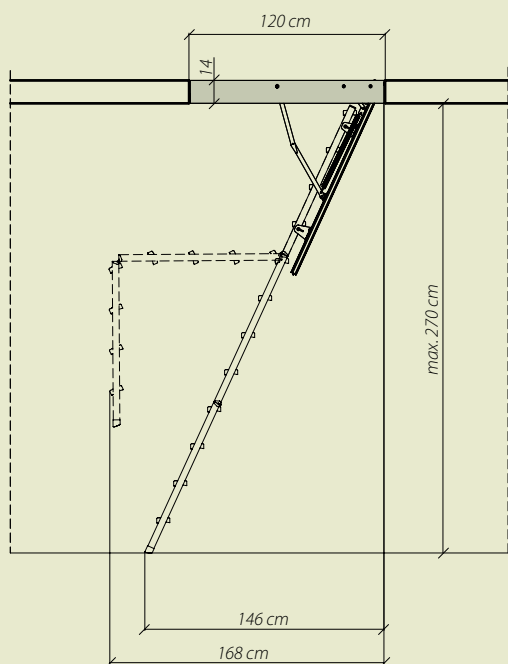
Technical specification:

| | |
|-------------------------------|----------------------------------|
| — maximum load | 200kg |
| — insulation co-efficient | $1.1\text{W}/\text{m}^2\text{K}$ |
| — height of the casing | 14cm |
| — width of the step | 8cm |
| — distance between the treads | 25cm |
| — tread length | 34cm |
| — thermo-insulation thickness | 3cm |

Characteristics:

- segment folding system and facility to lock the hatch in fully opened position ensure an ease of operation. The double hinges' joints and string's profile plugging guarantee 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
- robust construction – maximum permissible load is 200 kg. During laboratory tests even under a load of 600 kg there was no permanent damage observed
- protective stile ends – thanks to the stile ends mounted on the last ladder segment, the floor surface is protected from scratches
- user comfort – suitable shape of the strings and hinges make climbing the ladder easy
- anti-slip treads – safety grooves in treads' surface prevents slipping.

Diagram of the loft ladder up to 270cm:



Dimension LWM

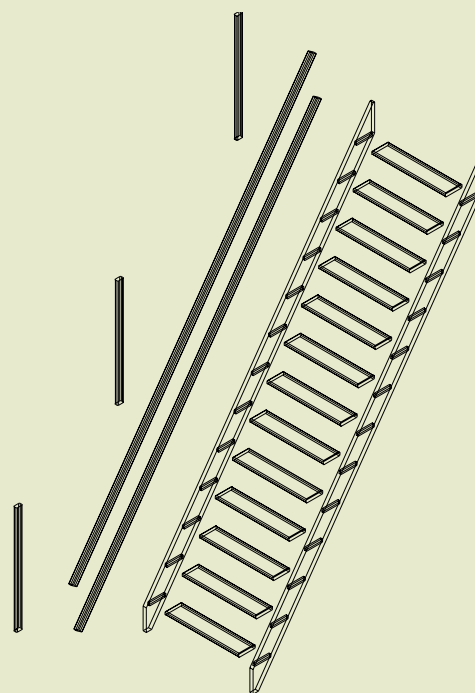
| | | |
|----------------------------|----------|----------|
| ceiling opening size [cm] | 60x120 | 70x120 |
| loft ladder box dimensions | 58x118.6 | 68x118.6 |

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 in 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 65cm. The stairs as standard are provided without handrail. In order to enhance the ease 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.



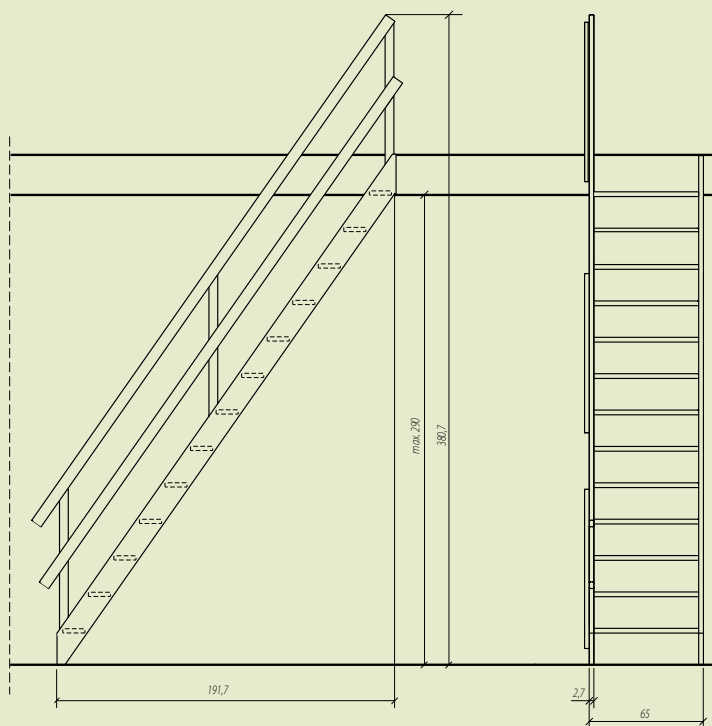
Technical specification:

| | |
|----------------------------|--------|
| — maximum safe loading | 160kg |
| — tread width | 14cm |
| — distance between treads | 25cm |
| — tread length | 60cm |
| — tread thickness | 2.7cm |
| — stairs inclination angle | 55° |
| — number of treads | 13 |
| — wall opening dimensions | 70x145 |

Characteristics:

- 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

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



'Miller' staircase MSU

| | |
|------------------------------|--------|
| wall opening dimensions [cm] | 70x145 |
|------------------------------|--------|



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