

# WOODEN SECTION LOFT LADDERS

## ▶ **BOX**

The loft ladder has a pine or metal frame integrated within its box. It comes complete with linings which, in combination with a quick installation system gets the job done fast! The peripheral seal is used to ensure the ladder aperture remains airtight.

## ▶ **HATCH MECHANISM**

The used mechanism significantly simplifies ladder operation. The hatch after unlocking opens slowly without causing any hazard to the user. In addition, the mechanism maintains the hatch in fully open position, prevents it from spontaneous closing during unfolding and folding the ladder.

## ▶ **HARDWARE**

The patented corner hinge and spring mechanism provides added rigidity to the box and prevents distortion.

## ▶ **HATCH**

The sandwich type hatch can be insulated or fire-resistant.

## ▶ **TREAD**

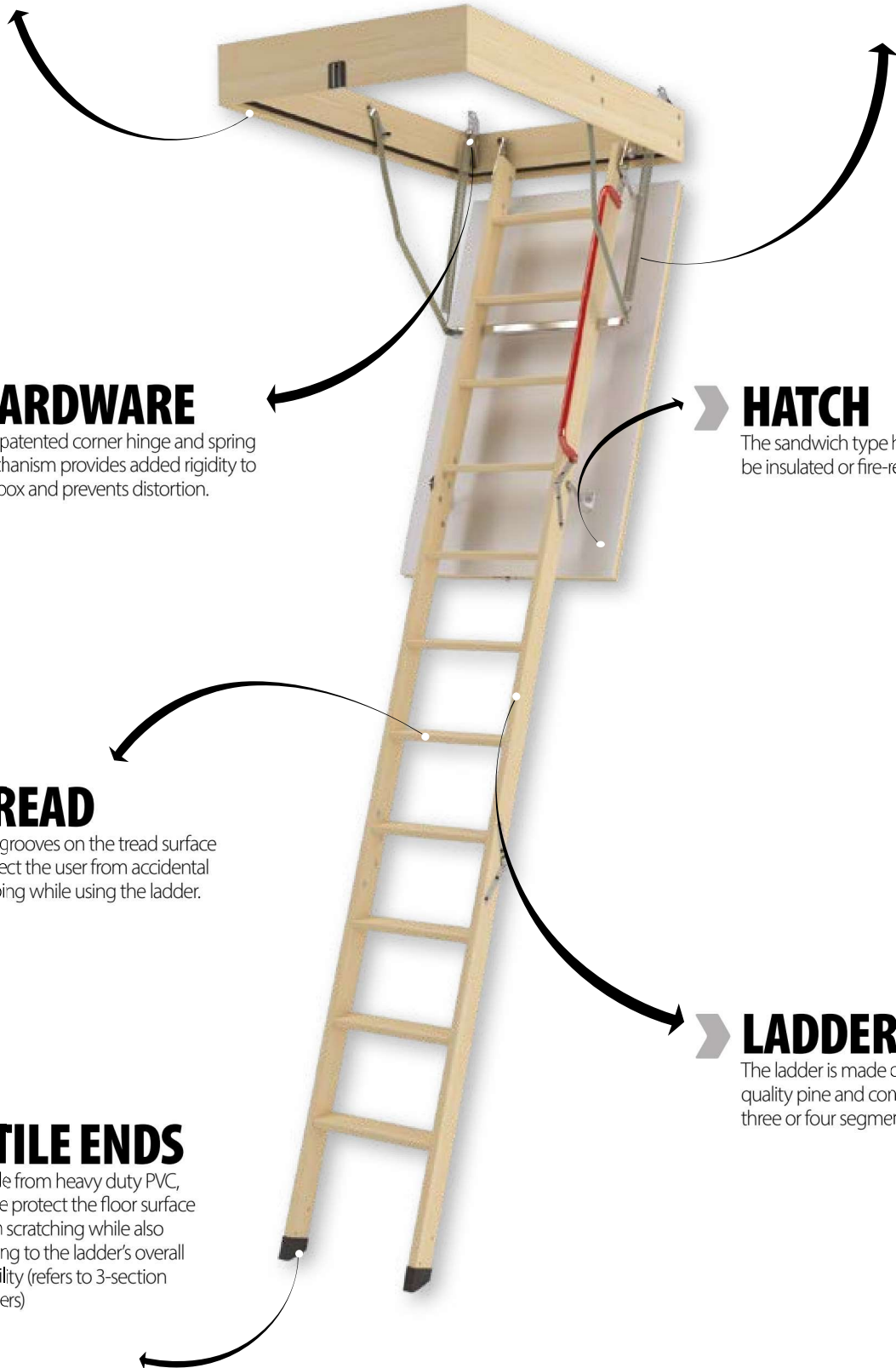
The grooves on the tread surface protect the user from accidental slipping while using the ladder.

## ▶ **LADDER**

The ladder is made of high quality pine and consists of three or four segments.

## ▶ **STILE ENDS**

made from heavy duty PVC, these protect the floor surface from scratching while also adding to the ladder's overall stability (refers to 3-section ladders)

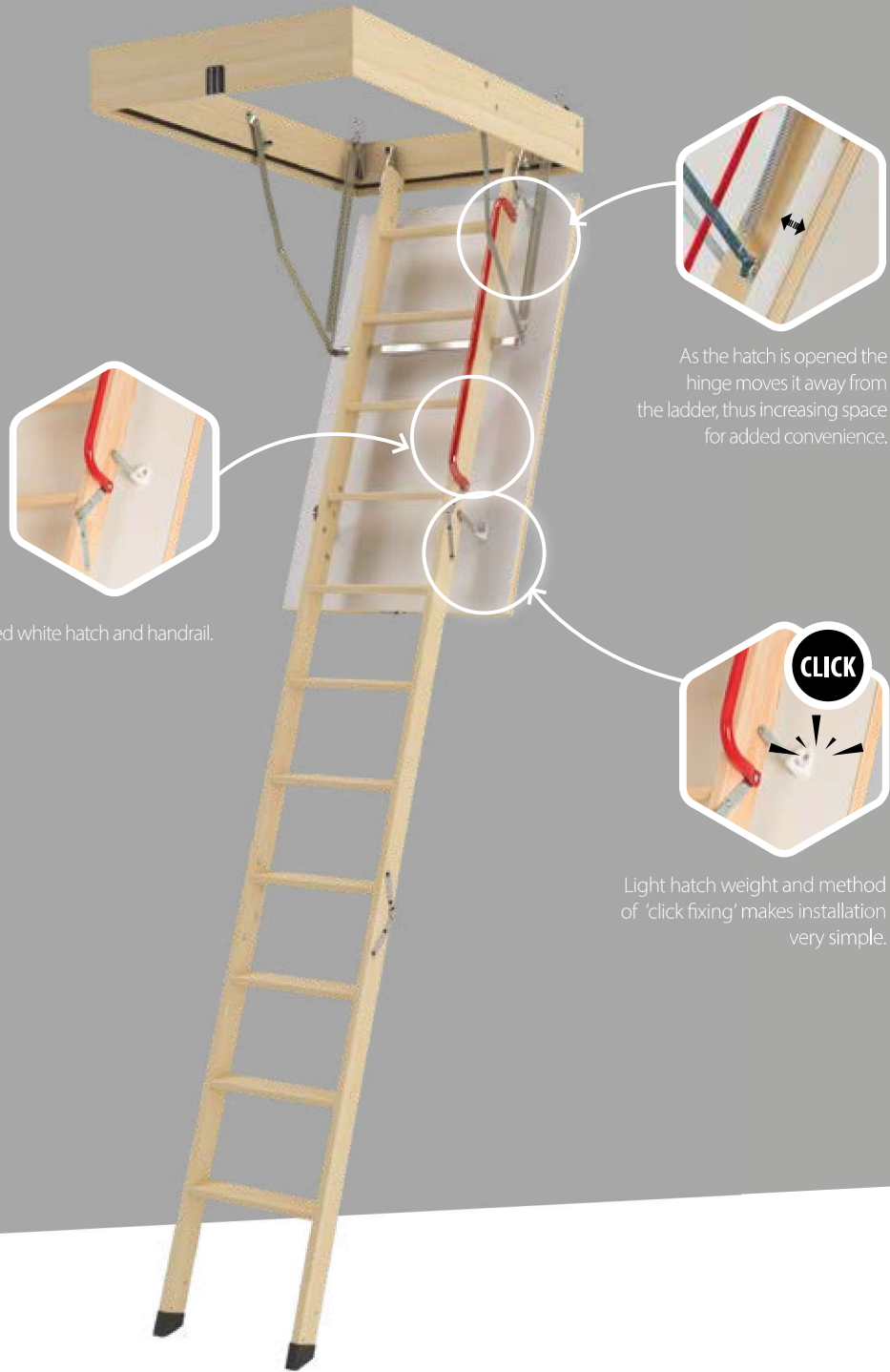


WOODEN  
LOFT LADDERS



# WOODEN FOLDING SECTION LOFT LADDERS

**LWK**  
KOMFORT



Insulated white hatch and handrail.

As the hatch is opened the hinge moves it away from the ladder, thus increasing space for added convenience.

Light hatch weight and method of 'click fixing' makes installation very simple.

The **LWK Komfort** ladder's innovative design ensures ease of use, a high insulation value and quick installation. It is equipped with an aesthetically pleasing, smooth white finish to the hatch, and a handrail as standard.



stile ends (only in 3-section version)



white hatch



peripheral seal



handrail



non-slip treads set flush with ladder strings



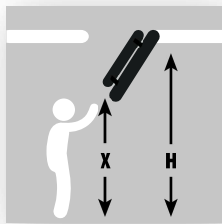
possibility of installing additional accessories, pages 54-59

Technical specification:  
**permissible load of 160 kg**  
**hatch heat transmission coefficient  $U = 1.1 \text{ W/m}^2\text{K}$**   
**insulation thickness 3 cm**  
**hatch thickness 3.6 cm**

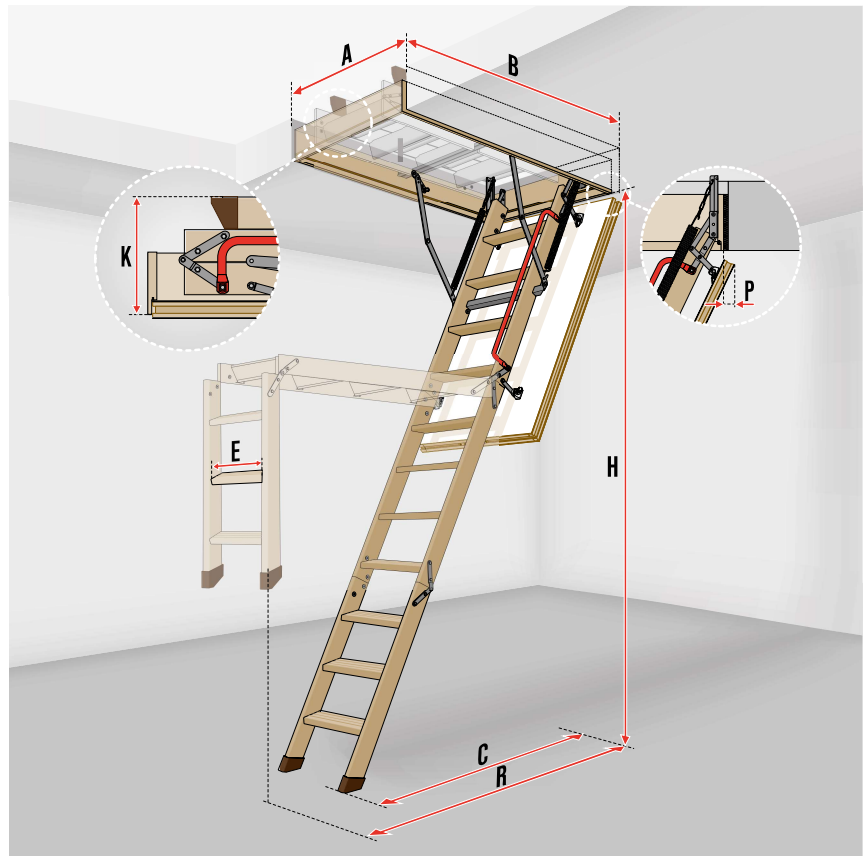
fully assembled,  
and ready for quick  
installation in the ceiling



# LWK KOMFORT LADDER DIAGRAM



**i** 3-segment ladder can be equipped with the LXM ladder unloading mechanism (page 58), so that the ladder can be fully operated with a rod



## LWK KOMFORT LOFT LADDER DIMENSIONS

Ceiling opening dimensions [cm]	AxB	55x111	60x94	60x100	60x111	60x120	60x130	70x94	70x100	70x111	70x120	70x130	70x140	80x120	60x130	60x140	70x130	70x140
Maximum room height [cm]	H	280																305
Minimum room height [cm]*	H <sub>min.</sub>	232	250		232	250		232	250		232	250		232	250		232	250
Height to be reached to operate the ladder [cm]	X	215 <b>i</b>	240		215 <b>i</b>	240		215 <b>i</b>	240		215 <b>i</b>	240		215 <b>i</b>	240		215 <b>i</b>	240
Box external dimensions [cm]		53x109.4	58x92.4	58x98.4	58x109.4	58x118.4	58x128.4	68x92.4	68x98.4	68x109.4	68x118.4	68x128.4	68x138.4	78x118.4	58x128.4	58x138.4	68x128.4	68x138.4
Internal box dimensions [cm]		49x105	54x88	54x94	54x105	54x114	54x124	64x88	64x94	64x105	64x114	64x124	64x134	74x114	54x124	54x134	64x124	64x134
Folded ladder height [cm]	K	27	35		27	35		27	35		27	35		27	35		27	35
Swing space [cm]	R	153	128		153	156		128	153		128	156		128	156		128	156
Distance after ladder unfolding [cm]	C	113	114		113	120		114	113		114	120		114	120		114	120
Hatch retraction after opening [cm]	P																	4
Box height [cm]																		14
Number of segments		3	4		3	4		3	4		3	4		3	4		3	4

## LADDER PARAMETERS

Tread length [cm]	E	30																	34
Tread width [cm]																			8
Distance between treads [cm]																			25
Tread thickness [cm]																			2

\* for rooms lower than the maximum standard height H please adjust the length of the ladder according to the assembly instructions

## LOFT LADDER DIMENSIONS

Commercial sizes [cm]		55x111	60x94	60x100	60x111	60x120	60x130	70x94	70x100	70x111	70x120	70x130	70x140	80x120	60x130	60x140	70x130	70x140
Room height [cm]	H	280																305

For LWK Komfort non-standard sizes page 24