

TECHNICAL SPECIFICATION

LOFT LADDER LST

I. APPLICATION

The LST scissor loft ladder designed for use in residential buildings and to be built in the ceiling opening to provide access to the attic spaces.

The scissor structure of the ladder allows for easy adjustment of the loft ladder to the room height. The loft ladder comes with quick installation system which facilitates and speeds up installation process of the product in the ceiling.

II. STRUCTURE

No.	Element	Description
1	Hatch	Insulated hatch of sandwich type with a thickness of 3.6 cm. Thermal insulation thickness: 3 cm. Finished with HDF board white on both sides. No lock – unloading mechanism presses the hatch against the loft ladder box.
2	Box	Made of pinewood. Height: 18cm. Equipped with a peripheral seal.
3	Ladder	Metal. Scissor system of folding the ladder. Width: 28 cm for a size of 50x..., 34cm for a size ≥ 60x..., Distance between treads: 24–26 cm.
4	Treads	Metal. Anti-slip profile. Tread width: 8 cm. Tread length: 24cm for a size of 50x..., 30cm for a size ≥ 60x...,
5	Standard accessories	Quick installation system. Metal architrave lining. Control rod for opening a hatch.

III. SIZES

No.	Size	Room height
1	50 x 80 cm	250–280 cm
2	60 x 90 cm	
3	60 x 120 cm	
4	70 x 80 cm	
5	70 x 120 cm	

IV. TECHNICAL PARAMETERS

Description	Value	Standard
Maximum loading	200 kg	EN 14975+A1:2010
Heat transfer coefficient	$U = 1.1 \text{ W/m}^2\text{K}$	PN-EN ISO 10211:2008 PN-EN ISO 6946:2008

V. COMPATIBLE ACCESSORIES

Name	Comments
LSS tread	It allows to extend the ladder up to a height of 300cm (1x LSS tread) or to a height of up to 330cm (2x LSS tread). The LSS tread must be adjusted depending on the loft ladder width: LSS-24 for loft ladder with a width of 50cm LSS-31 for loft ladder with a width ≥ 60cm



Accessories compatibility table:



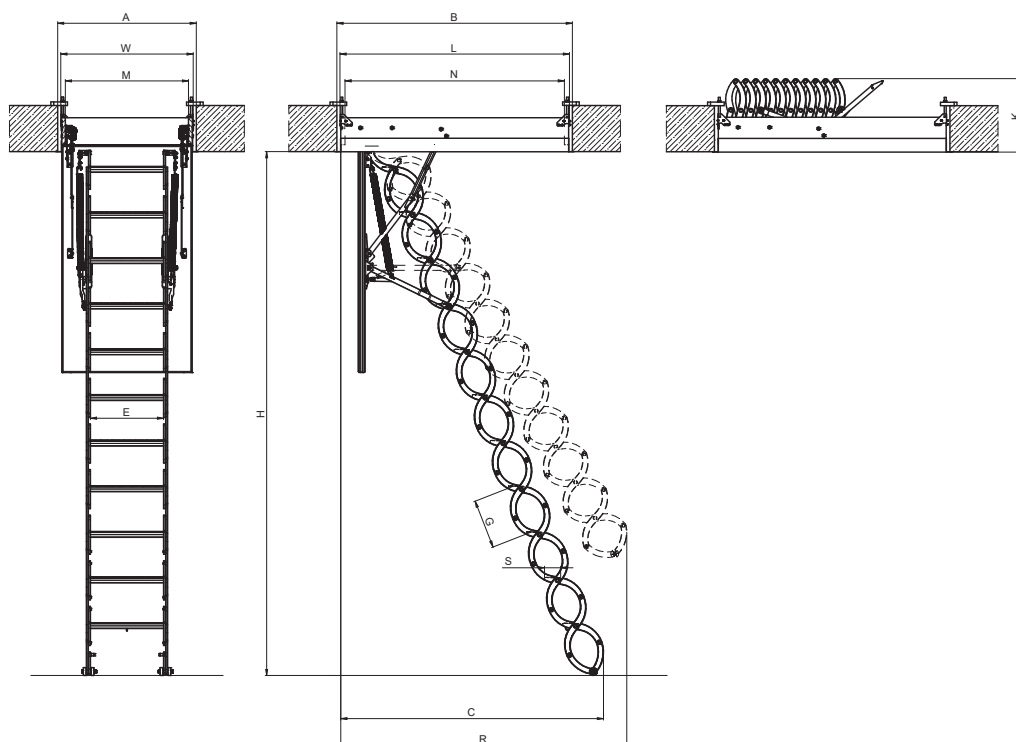
VI. TECHNICAL SPECIFICATION

The LST loft ladder is delivered to the customer fully assembled. Before proceeding to installation of the product in the ceiling it is necessary to screw steel finishing slats to the loft ladder box.

The product is mounted by means of the included installation brackets (maximum ceiling thickness 25cm).

Installation of the loft ladder must be carried out in accordance with the included fitting instructions.

VII.DETAILED DIMENSIONS



LST

		Standard ladder length				
Ceiling opening dimensions [cm]	AxB	50x80	60x90	60x120	70x80	70x120
Room height [cm]	H	250 – 280				
Outside box dimensions [cm]	WxL	49x79.4	59x89.4	59x119.4	69x79.4	69x119.4
Outside box dimensions with trims [cm]		54x84.4	64x94.4	64x124.4	74x84.4	74x124.4
Inside box dimensions [cm]	MxN	44x74	54x84	54x114	64x74	64x114
Folded loft ladder height [cm]	K	38.2				
Swing space [cm]	R	150				
Distance after ladder unfolding [cm]	C	146 – 134				
Box height [cm]		18				

LADDER PARAMETERS

Tread length [cm]	E	24	30
Tread width [cm]	S	8	
Distance between treads [cm]	G	24-26	
Standard number of treads [unit]		11	
Compatible LSS tread		LSS-24	LSS-31

Ladder shorter by 1 tread (10 treads)		Standard ladder (11 treads)		Ladder longer by 1 tread (12 treads)		Ladder longer by 2 treads (13 treads)	
230	250	250	280	280	300	300	330
Loft ladder sizes and dimensions not included in the table are the same as for loft ladders for a height up to 250 – 280 cm							
140		150		160		170	
135	127	146	134	153	145	163	150