TECHNICAL SPECIFICATION

LOFT LADDER LML

I. APPLICATION

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

LML loft ladder has been designed to ensure maximum comfort while simplifying the installation process and length adjustment of the ladder to match the room height.

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	Pinewood box integrated with a steel frame and finishing slats. Height: 31.5cm. Equipped with a peripheral seal.
3	Ladder	Metal. Ladder width: 39 cm. Distance between treads: 25 cm.
4	Treads	Metal and equipped with anti-slip profile. Tread width: 13 cm. Tread length: 35 cm.
5	Standard accessories	Quick installation system. Handrail with unloading mechanism. Telescopic stile ends. Control rod for opening a hatch.

III. SIZES

No.	Size	Room height	Number of sections
1	60 x 120 cm	280 cm	3
2	70 x 120 cm		
3	70 x 130 cm		
4	70 x 140 cm		
5	86 x 130 cm		
6	92 x 130 cm		
7	60 x 130 cm	305 cm	
8	70 x 130 cm		
9	70 x 140 cm		
10	86 x 130 cm		
11	92 x 130 cm		

IV. TECHNICAL PARAMETERS

Description	Value	Standard
Maximum loading	200 kg	EN 14975+A1:2010
Hatch heat transfer coefficient	U = 1.1 W/m²K	PN-EN ISO 10211:2008 i PN-EN ISO 6946:2008





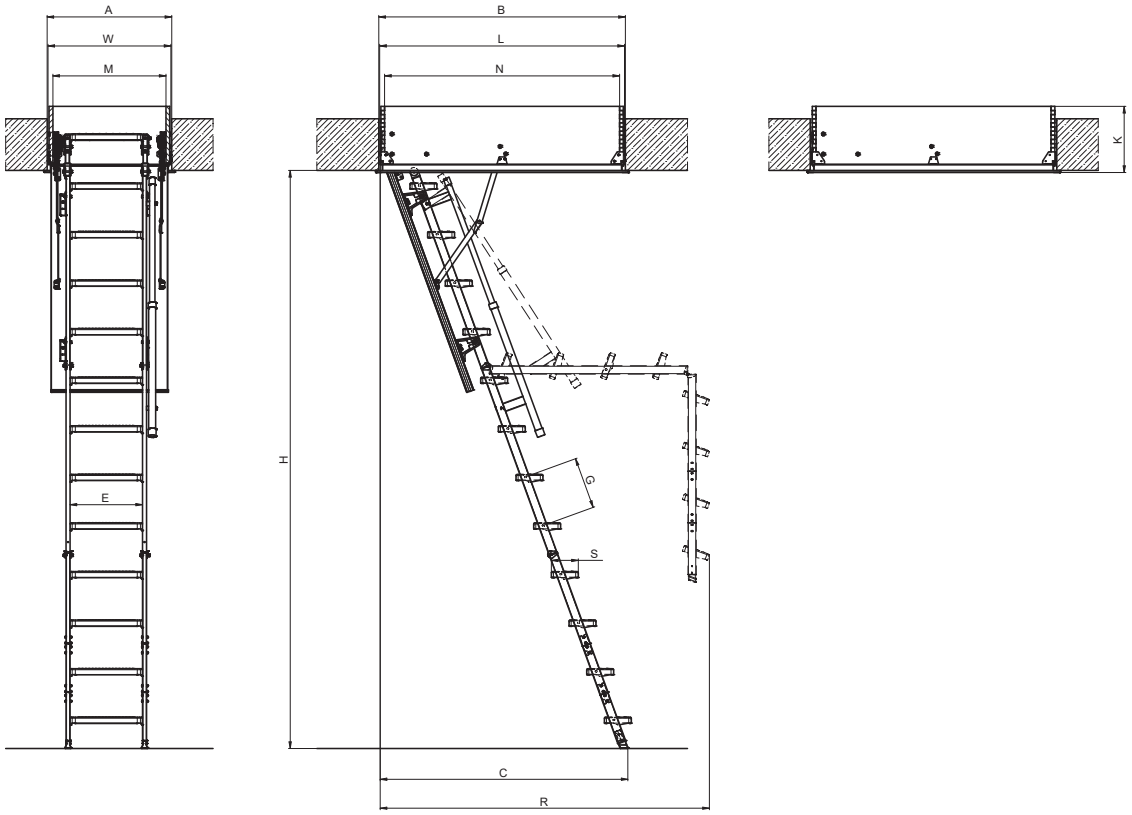
Accessories compatibility table:

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VI. TECHNICAL SPECIFICATION

The LML loft ladder is delivered to the customer fully assembled. The product is mounted by means of the included installation brackets (maximum ceiling thickness 42cm).
Adjustment of the loft ladder height is carried out by removing a tread and adjusting by means of telescopic stile ends.
Installation of the loft ladder must be carried out in accordance with the included fitting instructions.

VII.DETAILED DIMENSIONS



LML

Ceiling opening dimensions [cm]	AxB	60x120	70x120	70x130	70x140	86x130	92x130	60x130	70x130	70x140	86x130	92x130
Room height [cm]	H	280						305				
Minimum room height* [cm]	H min.	233						256				
Outside box dimensions [cm]	WxL	59.6 x 118.6	68.6 x 118.6	68.6 x 128.6	68.6 x 138.6	84.6x128.6	90.6x128.6	59.6 x 128.6	68.6 x 128.6	68.6 x 138.6	84.6x128.6	90.6x128.6
Outside box dimensions with trims [cm]	JxD	63.6x122.6	72.6x122.6	72.6x132.6	72.6x142.6	88.6x132.6	94.6x132.6	63.6x132.6	72.6x132.6	72.6x142.6	88.6x132.6	94.6x132.6
Inside box dimensions [cm]	MxN	54.7x113.7	63.7x113.7	63.7x123.7	63.7x133.7	79.7x123.7	85.7x123.7	54.7x123.7	63.7x123.7	63.7x133.7	79.7x123.7	85.7x123.7
Folded loft ladder height [cm]	K	31.5										
Swing space [cm]	R	167						183				
Distance after ladder unfolding [cm]	C	123						132				
Box height [cm]		31.5										
LADDER PARAMETERS												
Tread length [cm]	E	35										
Tread width [cm]	S	13										
Distance between treads [cm]	G	25										

* the ladder length for rooms lower than the maximum height "H" must be adjusted in accordance with the fitting instructions