

TECHNICAL SPECIFICATION

LOFT LADDER LMP

I. APPLICATION

Folding section loft ladder **LMP** allows access to the attic space, even in very high rooms, while maintaining maximum comfort and safety of use. Supported room height range from 300 to 366 cm.

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 white on both sides.
2	Frame	Made of pinewood. Height: 18 cm. Equipped with a peripheral seal.
3	Ladder	Metal. Width: 38cm. Distance between treads: 24 cm.
4	Treads	Metal and equipped with anti-slip profile. Tread width: 8 cm. Tread length: 34 cm.
5	Standard accessories	Stile ends. Handrail with unloading mechanism. Lightweight aluminum telescopic rod to open the hatch.

III. DIMENSIONS

No.	Size	Room height	Number of sections
1	60 x 144 cm	366 cm	3
2	70 x 144 cm		
3	86 x 144 cm		

IV. TECHNICAL PARAMETERS

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

* - ITB Institute calculation



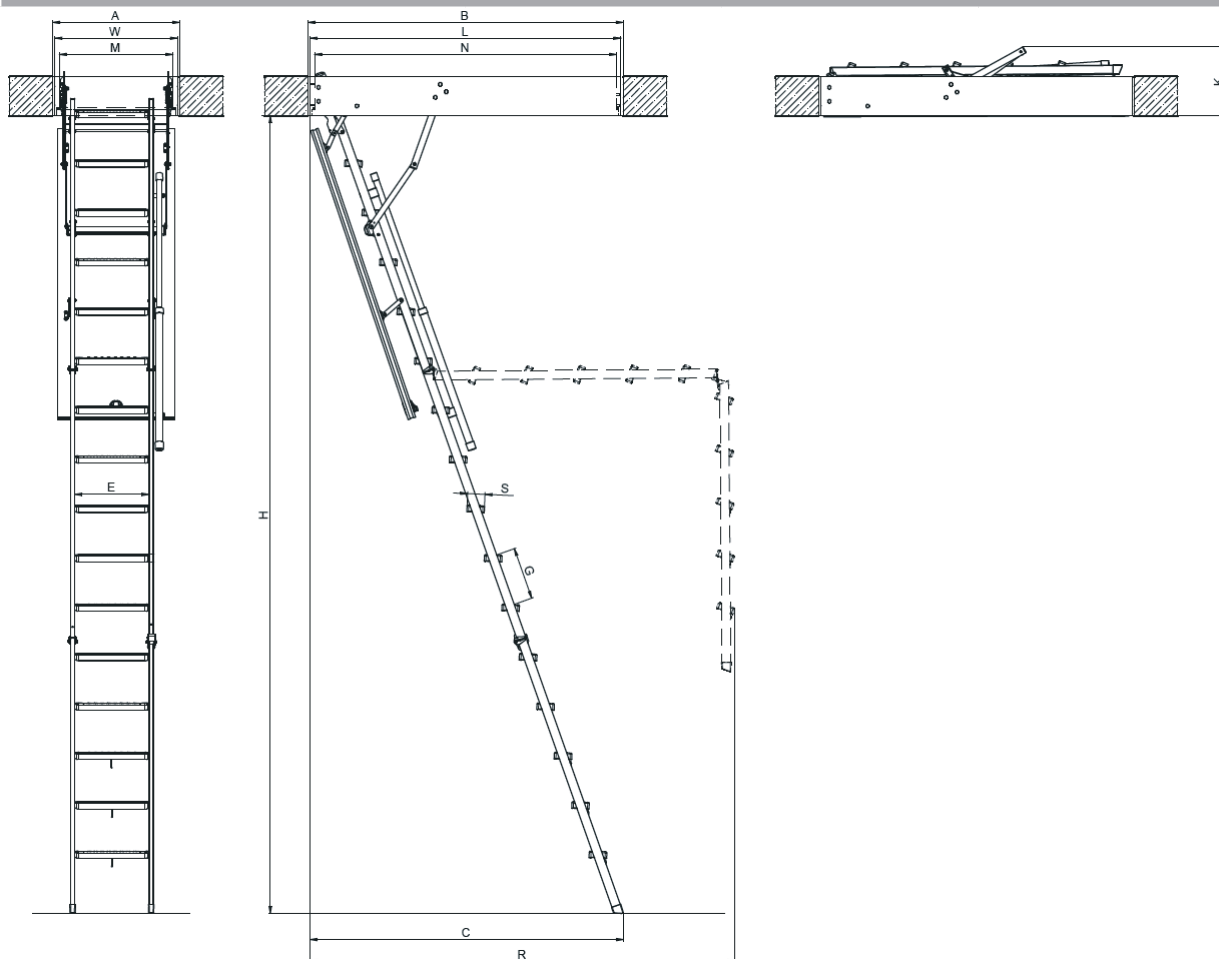
Accessories compatibility table:






VI. ASSEMBLY INFORMATION

The **LMP** loft ladder is delivered to the customer fully assembled, it requires only screwing side elements of the supports which for transport purposes are unscrewed. The length of the last segment should be cut on-site to suit to existing ceiling height. Installation of the product must be carried out in accordance with the included fitting instructions.

VII.DETAILED DIMENSIONS



LMP				
Ceiling opening dimensions [cm]	AxB	60x144	70x144	86x144
Room height [cm]	H	366		
Minimum room height [cm]*	H min	300		
Outside box dimensions [cm]	WxL	58 x 142.2	68 x 142.2	84 x 142.2
Inside box dimensions [cm]	MxN	54 x 138.2	64 x 138.2	80 x 138.2
Folded loft ladder height [cm]	K	32		
Swing space [cm]	R	196		
Distance after ladder unfolding [cm]	C	145		
Box height [cm]		18		
Ladder parameters				
Tread length [cm]	E	34		
Tread width [cm]	S	8		
Distance between treads [cm]	G	24		

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