

LADDERS -DIRECT

from
the



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(Monday to Friday - 08:00 to 17:00)



By Appointment to
Her Majesty the Queen
Manufacturers of Access Equipment
Clow Group Ltd., Glasgow

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Heavy-duty Aluminium Sliding Loft Ladder

The Clow heavy-duty Sliding Loft Ladder is a two-section sliding loft ladder made from tough aluminium and designed to cope with regular domestic and commercial use where a safe and sturdy ladder is required.

Easy to use with almost effortless operation, this ladder is robust and is adjustable to accommodate a large range of floor to loft floor heights, from 2310mm (7'7") to 3250mm (10'8").

The two section ladder has a counter-balanced spring action for smooth, silent and effortless gliding operation. The loft hatch is attached to the ladder unit to aid withdrawal from the loft space and the ladder raises and lowers with the trapdoor.

Supplied complete with 2 full length handrails, operating pole hook and all necessary fittings for easy installation.

With non-slip, angled treads for easy and safe climbing and two large safety handrails fitted along the full length of the ladder for increased safety.

This ladder will support a maximum load of 150kg.



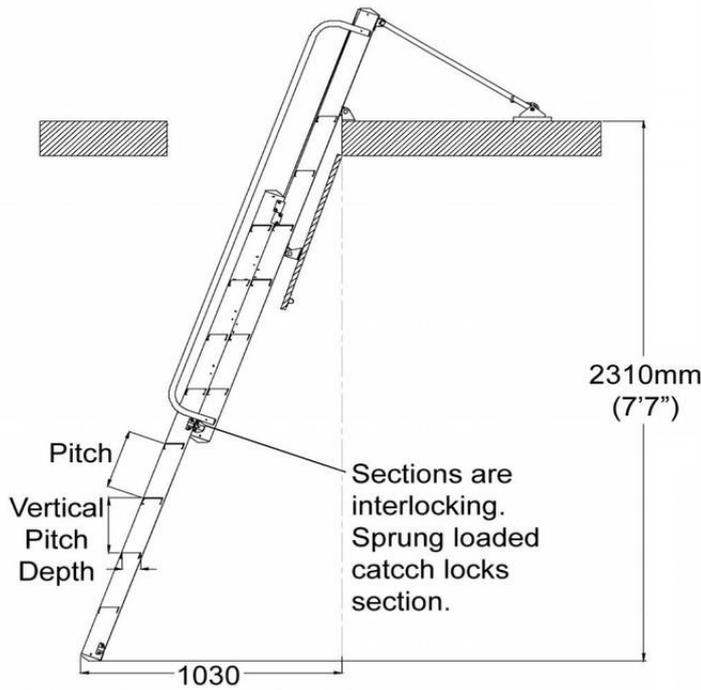
Features

- Smooth action - powerful double spring counterbalance for effortless operation
- Non-slip treads for extra security
- Extra large comfortable treads and supplied complete with 2 full length handrails, operating pole and all necessary fittings for easy installation
- Adjustable to accommodate a large range of floor to loft floor heights
- Loft hatch is attached to unit to aid withdrawal from loft space
- Suitable for home or industrial applications

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Installed Dimensions

Minimum Height

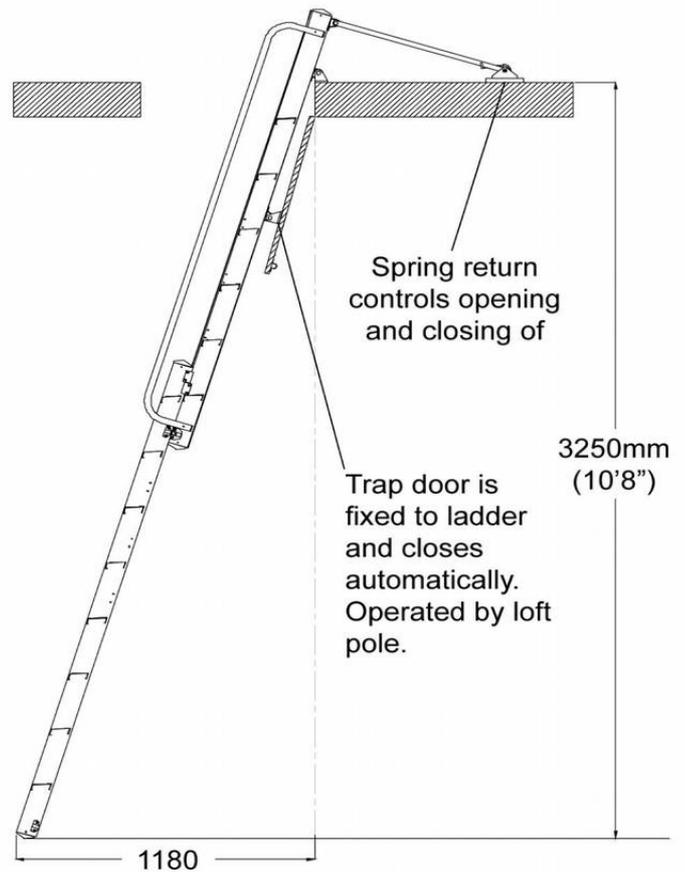


Dimension varies with height

Floor to Floor Height

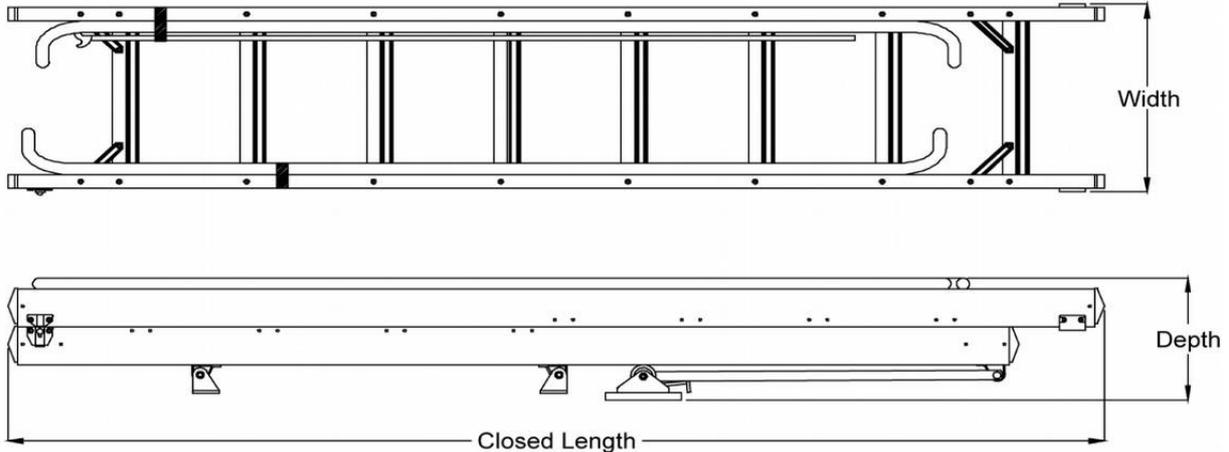
Setting 1	2310mm (7'7") to 2545mm (8'4")
Setting 2	2545mm (8'4") to 2780 (9'2")
Setting 3	2780mm (9'2") to 3015mm (9'11")
Setting 4	3015mm (9'11") to 3250mm (10'8")

Maximum Height



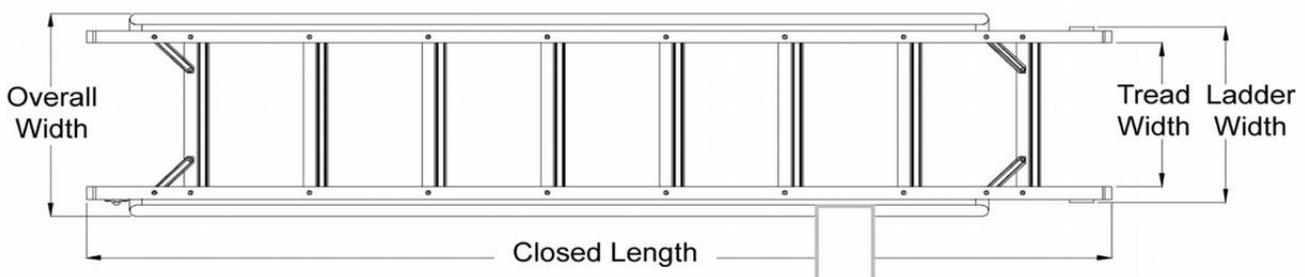
Dimension varies with height

Packed Dimensions



Closed Length (mm)	Width (mm)	Depth (mm)	Volume (m3)	Weight (kg)
2160	405	265	0.232	18.4

Product Dimensions

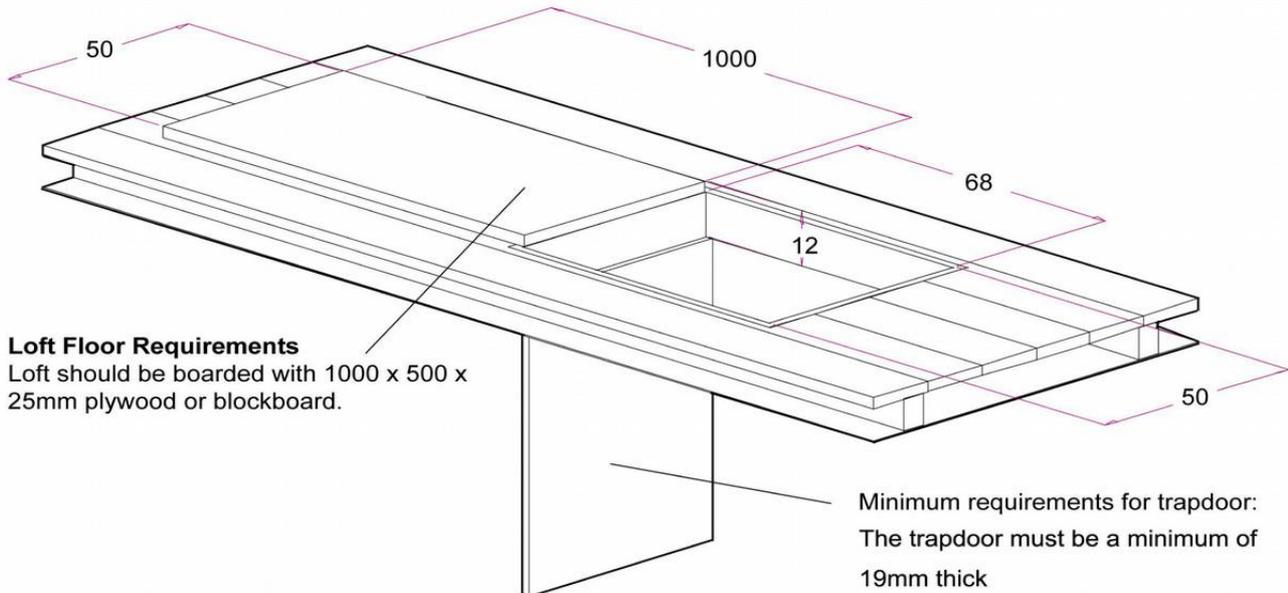


Treads	Lower Section	Upper Section	Width (mm)	Depth (mm)	Pitch (mm)	Vertical Pitch (mm)
	8	6	330	74	250	235
Assembled Dimensions	Closed Length (mm)		Ladder Width (mm)	Overall Width (mm)		Nominal Working Angle
	2160		402	466		70°

Requirements of Hatch, Loft Floor and Trapdoor

Hatch requirements for ladder operation

Minimum opening:- 686 x 508mm
Maximum depth: - 127mm

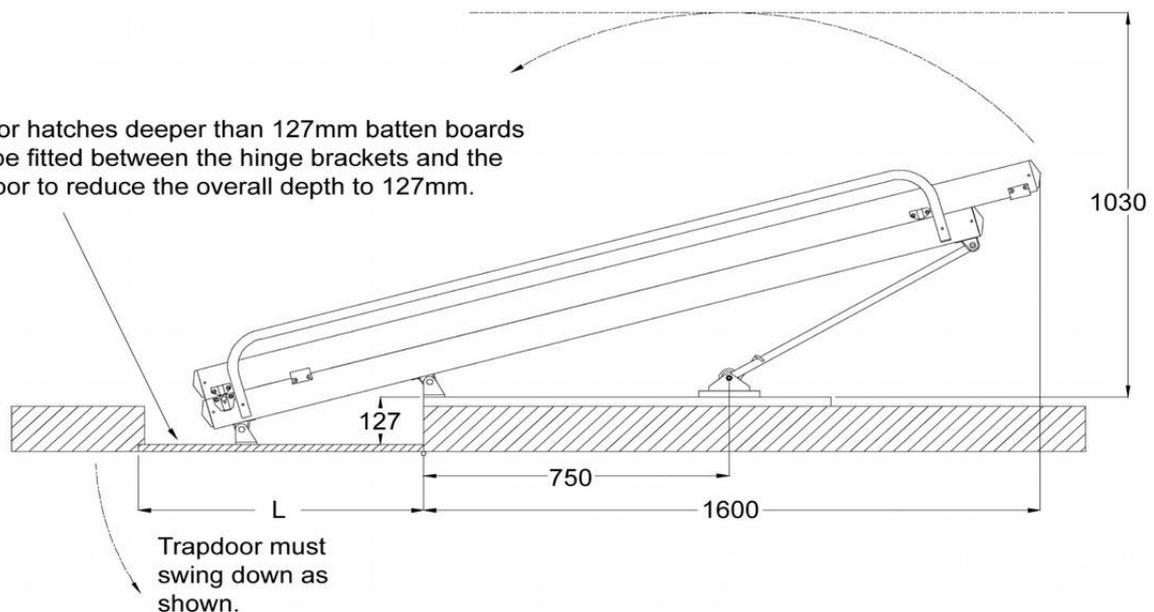


Loft Floor Requirements

Loft should be boarded with 1000 x 500 x 25mm plywood or blockboard.

Arc of Clearance Required

Note: For hatches deeper than 127mm batten boards should be fitted between the hinge brackets and the hatch door to reduce the overall depth to 127mm.



Note: Heavy trapdoors will cause the hatch to remain open.

An approximate rule for finding maximum door weight in kg for given length is :

$$\text{Max. Weight (kg)} = 4220/L \text{ when } L \text{ is in mm.}$$