

# Heavy duty concertina ladder in alloy for use in premium applications.

## Customer profile:

- ▶ Domestic customers who want the maximum in strength and load capacity.
- ▶ Commercial customers who want a heavy duty ladder for safe and easy specific internal access for storage or to access air-conditioning, telecommunications electrical, plant or other equipment.

## Customer benefits:

- ▶ German engineered to comply with Din 4570
- ▶ Easiest opening commercial ladder.
- ▶ Range of height applications for maximum convenience.
- ▶ Top step mounted in box for easy exit from ladder.
- ▶ Wide, deep non-skid treads and gentle 65° ladder angle mean safe, easy climbing.
- ▶ Articulated hatch offers maximum climbing safety.
- ▶ Wide 700mm opening in choice of various lengths gives maximum everyday access and fits space constraints.
- ▶ Constructed of all alloy and plated parts for strength, durability and reliability.
- ▶ Adjustable double heavy duty tension and control springs and heavy duty hinges give you easy safe opening and closing operation.
- ▶ Heavy duty 19mm laminar timber hatch frame for strength and sound and thermal insulation.
- ▶ Strong, stable 200kg per step load capacity for long life with heavy or commercial use.
- ▶ Handrail is standard for climbing stability.



# Technical specifications:

## Columbus metal ladder

Model	Opening (A/B)	Floor-ceiling(E) (No of treads)	Standout (C)	Foldout (D)
Std. 9	700 x 1200mm	Up to 2.50 mt (11)	1200-1350mm	1450mm
Std. 10	700 x 1200mm	Up to 2.79 mt (10)	1300-1450mm	1550mm
Std. 11	700 x 1200mm	Up to 3.09 mt (11)	1340-1460mm	1700mm
Small box 12	700 x 1000mm	Up to 3.39 mt (12)	1360-1490mm	1800mm
Std. 12	700 x 1200mm	Up to 3.39 mt (12)	1360-1490mm	1800mm
Std. 13	700 x 1300mm	Up to 3.69 mt (13)	1380-1520mm	1900mm
Std. 14	700 x 1500mm	Up to 3.99 mt (14)	1400-1550mm	2000mm
Std. 15	700 x 1500mm	Up to 4.30 mt (15)	1420-1580mm	2100mm

## Models - For ceiling heights

Standard & Small Box 9 step	Up to 2.40 metres
Standard & Small Box 10 step	Up to 2.70 metres
Standard & Small Box 11 step	Up to 3.09 metres
Standard & Small Box 12 step	Up to 3.39 metres
Standard 13 step	Up to 3.69 metres
Standard 14 step	Up to 3.99 metres
Standard 15 step	Up to 4.30 metres

## Dimensions

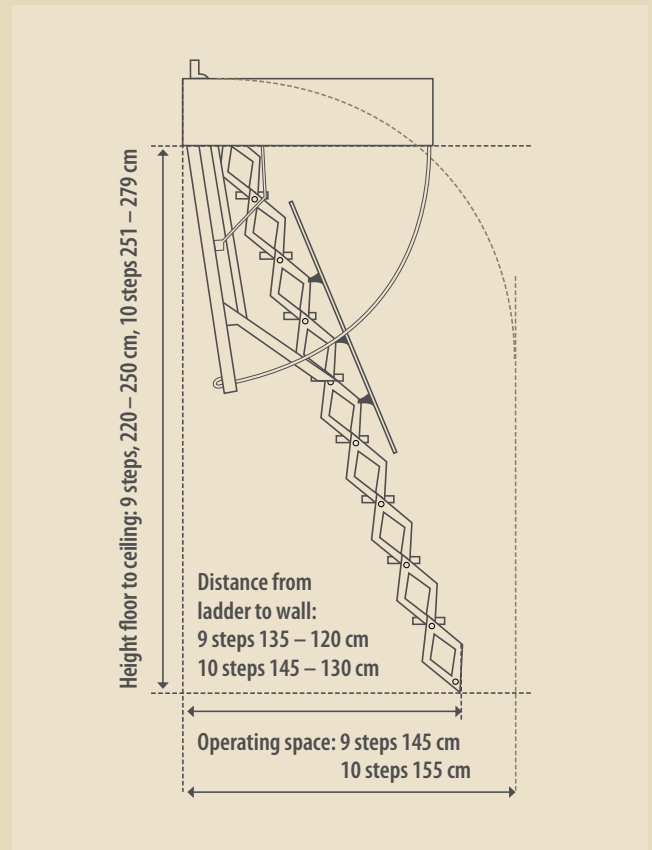
	Tread	Stile	Packed	Casing
Depth	135mm	Concertina	1200/1450mm	1200/1450mm
Thickness	-	Concertina	460mm	250mm
Width	350mm	Concertina	700mm	700mm
Weight	43-75 kg			
Load capacity	200kg / tread			

## Materials

Tread	Stile	Hatch	Casing
Alloy	Alloy	Laminated	Laminated

## Optional Extras

Accessory	Application
Balustrade	Added security of a rail around your ceiling opening
Ceiling hand rail	Metal loop handrail in ceiling for extra safety
Dust seal	High density foam dust seal on hatch door
Top opener kit	Allows opening and access from either below or above



## Features:

- ▶ Heavy duty construction in lightweight alloy.
- ▶ 19mm laminated ceiling panel.
- ▶ Alloy or plated metal parts.
- ▶ Plated adjustable balance springs.
- ▶ Wide non-slip step treads and gentle 65° slope.
- ▶ Moisture resistant 19mm laminated casing.
- ▶ Generous sized ceiling openings.
- ▶ Available to reach up to 4.30 metre ceilings.
- ▶ Safety handrail can be fitted to either side.
- ▶ Completely assembled from factory.

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