

Overview

Heavy duty aluminium retractable loft ladder. Manufactured from high strength die-cast aluminium alloy components contained within a wooden hatch box. Features a Class 4 airtight and insulated trapdoor.

The heavy-duty spring mechanism allows you to raise and lower the loft ladder with a minimum of effort (operating force of less than 3 kg). In addition, large steps and pre-assembled telescopic handrail offer comfort, safety and ease of egress.

High Strength | Heavy Duty | Ease of Use | Operating Force of Under 3kg | Space-Saving | Large Steps for Comfort & Safety



Product Materials & Finish

- Die cast aluminium ladder structure. Natural finish (optional powder coated finish to aluminium components). Steel fixings throughout.
- Hatch Box; ply board (18mm)
- Architrave; clip on PVC (50mm)
- Trapdoor; ply board insulated sandwich construction (62mm)
- Wide / deep treads for comfortable and safe climb (see table)
- Telescopic handrail included as standard
- Operating pole included as standard

Performance

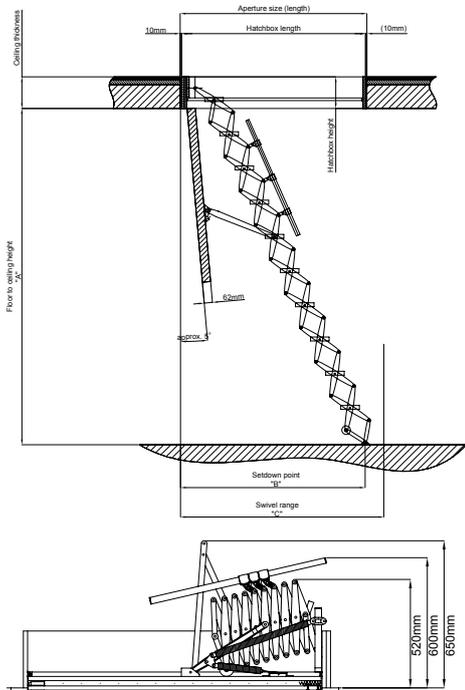
- High energy efficiency (U-value of 0.58 W/m²K, calculated by manufacturer according to DIN EN ISO 6946)
- Certified Class 4 airtightness
- High strength, heavy duty loft ladder, with a load capacity of 200 kg per step

Quality

- Manufactured and tested to EN 14975 (certified by TÜV SÜD)
- Class 4 airtightness tested in accordance to DIN EN 12207 by IFT Rosenheim
- Supplied with a manufacturer's 2-year full warranty and 10-year parts warranty

Optional Accessories

- Additional telescopic handrail
- Wooden architrave
- Top operation mechanism
- Security lock
- Protective wooden or metal railing
- Powder coating
- Protruding hinges (for cladding/ plasterboard finish)



Aperture length depends on the number of treads		Space required in cm		
Treads	Aperture size (length)	Floor to ceiling height "A"	Set down point "B"	Swivel range "C"
9	75 - 160	215 - 250	133 - 122	140
10	80 - 160	250 - 279	144 - 133	152
11	90 - 160	279 - 309	155 - 143	164
12	100 - 160	309 - 339	166 - 154	176
13	130 - 160	339 - 369	194 - 183	203
14	140 - 160	369 - 399	206 - 194	216
15	150 - 160	399 - 430	218 - 205	230

Hatchbox external dimensions = aperture size -2cm

Standard sizes in cm			
Aperture size (l x w)	Floor to ceiling height "A"	Tread Width	Hatchbox height
120 x 60	220 - 279	25	24
120 x 70	220 - 279	35	24
130 x 70	220 - 279	35	24
140 x 70	220 - 279	35	24

Drawings not to scale. Minimum opening length of 900mm required for telescopic handrail rotation.

Environment and sustainability

Red listed components - none

Recyclability - Aluminium components can be easily recycled