

PALCO™

FASTFIT



Uniclass L4321:P43	EPIC D33:X412
Cl/SfB (24.6)	Xh4

Superior Stairway with Trapdoor

A suitable stairway to gain access
into your roof space.
Available fire rated.

The Superior stairway is supplied pre-fixed to a trap door within a wooden casing which is simply fitted within the opening in the ceiling, thus ensuring maximum use of the loft space.

Special features include the counter balance spring for easy operation and non slip treads. The Superior Stairway is a strong, beautifully crafted stairway offering low maintenance with excellent durability.

The Superior Stairway is designed for commercial use and is designed to take a weight of 200kgs per tread.

OPTIONS:

- CONVENTIONAL HORIZONTAL DESIGN
- VERTICAL DESIGN
- ELECTRICAL OPERATION
- FIRE RATED WITH STEEL TRAPDOOR (30MIN OR 90MIN FIRE RATING) OR WOODEN TRAPDOOR WITH PYROEX TREATMENT (30MIN FIRE RATING) (MAX HEIGHT 3690MM)

ACCESSORIES:

- TELESCOPIC HANDRAIL
This requires a ceiling opening length of at least 1 metre
- TOP OPERATING HANDLE
So that the stairway can be raised and lowered from above and below.

The ceiling thickness must not exceed 450mm and there must be clearance of at least 700mm behind the hinged end of the opening.

- UPPER LEVEL HANDRAIL (3 SIDES)
 - TRAPDOOR INSULATION
 - LOCKING TRAPDOOR
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SUPERIOR STAIRWAY

The Superior Stairway is supplied ready mounted to a trap door within a wooden casing, which acts as a lining for the ceiling aperture when the unit is fitted into position. Simply screw through the casing into the four walls of the ceiling aperture.

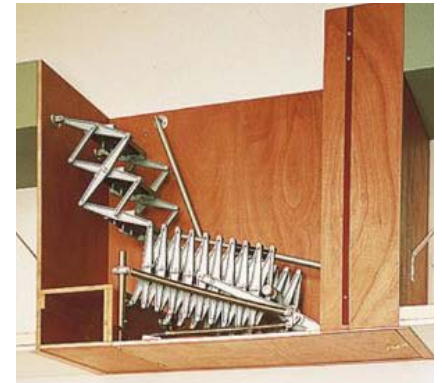
The unit is custom built to fit exactly into any rectangular ceiling aperture (subject to the limitations indicated in the table below). Once we know the length and width of your ceiling measured to the level of the floor above and the floor to ceiling height below the aperture, we will supply a stairway specially manufactured for your installation. The stairway casing, which will act as a lining for the ceiling aperture must be at least 170mm high, which means that it will protrude above the upper floor level if your ceiling is less than 170 mm thick.

The stairway folds away within the trap door length and takes up no loft space. The aperture can therefore be sited right next to a wall, a beam or a chimney stack.

With side arms constructed from pressure die cast components of high strength aluminium alloy, the stairway has been engineer designed for minimum maintenance and maximum ease of use. Treads up to 380mm wide are also die-cast, whilst larger sizes are made from extruded section. Powerful counterbalance springs ensure a steady folding and unfolding action with no danger to the user.

SMOOTH ACTION

Strong counterbalance springs make sure that the stairway can be lowered and raised with a minimum of effort.



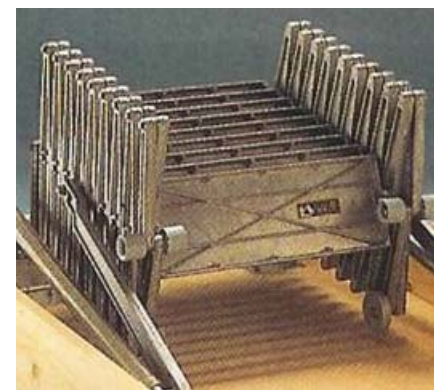
Superior Stairway in deep ceiling, showing option of extra treads.

Minimum aperture lengths for given ceiling heights	
Ceiling height(mm)	Minimum aperture length (mm)
Up to 2500	750
2501 - 2790	800
2791 - 3090	900
3091 - 3390	1000
3391 - 3690	1300
3691 - 3990	1400
3991 - 4300	1500
4301 - 4600	1600
Special Note: The hatchboxes are usually manufactured to 15mm under the stated opening length and width to allow for an easy fit.	



Superior Stairway with steel fire resistant casing, electrically operated.

Tread widths for given aperture widths	
Minimum aperture width is 525mm but your stairways can have wider treads if there is more space available.	
Treads 200-380mm wide are 140mm deep, and treads 430-580mm wide are 160mm deep.	
Aperture width (mm)	Tread Width (mm)
525	200
575	250
605	280
625	300
675	350
715	380
755	430
815	480
915 and over	580
Tread widths narrower than the maximum may be specified if required. Maximum tread width 480mm on stairways for ceiling height 3391 - 3990mm. Maximum tread width 350mm on stairways for ceiling height 3991mm and over. Allow 80mm more aperture width for fire resistant stairways.	



Superior Stairway in closed position within trapdoor.

Please Note: The above dimensions apply to the non fire rated model only. Please contact our Sales team for 30min or 90min fire rated models.