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|-----------------------|---|
| LEX70 SAX 540x820 mm | ceiling height 2500 mm, aluminium concertina ladder |
| LEX70 SAX 540x1130 mm | ceiling height 2500 mm, aluminium concertina ladder |
| LEX70 SAX 700x1130 mm | ceiling height 2500 mm, aluminium concertina ladder |

Description:

This product is specially developed for smaller spaces and extra high ceilings.

It can be even used for different kinds of emergency exits, for example emergency exit to the roof.

The loft ladder can be even ordered with the non-standard trap door size within the limits: width 540 – 900 mm; length 730 – 1400 mm.

Casing:

| <u>outer size</u> | <u>inner size</u> |
|-------------------|-------------------|
| 540 x 820 mm | 492 x 764 mm |
| 540 x 1130 mm | 492 x 1074 mm |
| 700 x 1130 mm | 652 x 1074 mm |

Timber casing has:

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|--------------------------------|-------------|
| Case gable (on the hinge side) | 32 x 140 mm |
| Other case sides | 24 x 140 mm |

Trap door:

| | |
|-------------------|---------------------------------------|
| Frame | timber, 69 x 45 mm |
| Board | 3,2 mm on both sides of the trap door |
| Insulation | 70 mm polystyrene |
| Insulation factor | 0,40 W/m ² C° |

The trap door is spring balanced with one spring on each side of the ladder.

Surface treatment:

The bottom side of the trap door is painted in white basic.

It is possible to paint the trap door with white-gray finish against the price extension.

Fire rate:

Unrated

Locking:

| | |
|--------------|--|
| Espagnolette | 450 mm long with rounded sides. |
| Key/handle | round metal; diameter 9 mm, length 800 mm. |
| Measurement | square 7-8 mm |

Sealing:

EPDM rubber seal is mounted between the casing and the trap door.

Ladder description:

Aluminium concertina ladder requests no space either on the attic or on the way up/down.

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|--------------|----------------------------|
| Ladder width | 415 mm (outer measurement) |
| tread | 95 mm |

ceiling height

10 treads = 2500 mm
11 treads = 2750 mm
12 treads = 3000 mm
13 treads = 3200 mm
14 treads = 3400 mm

fold up length

480 mm (at least 600 mm long opening in the ceiling is required)
520 mm (at least 660 mm long opening in the ceiling is required)
560 mm (at least 705 mm long opening in the ceiling is required)
600 mm (at least 705 mm long opening in the ceiling is required)
645 mm (at least 705 mm long opening in the ceiling is required)

The ladder is placed on the trap door when fold up and is supported by two rollers –one at the second thread from the bottom and one at the second tread from the top. A pull out stop is mounted at two lowest treads.

The fold up ladder has the height:

From the bottom of the casing (including the trap door) 400 mm
Ladder only 340 mm

Note:

It is possible to order only a ladder to the existing trap door. In order to mount a concertina ladder to the existing trap door the inner width of the trap door should be at least 492 mm. The length varies from at least 600 mm to 705 mm (se table above). The Hinges should be placed on the shorter side of the trap door. The loft ladder can be even ordered with the non-standard trap door size within the limits: width 540 – 900 mm; length 730 – 1400 mm.

Ceiling height:

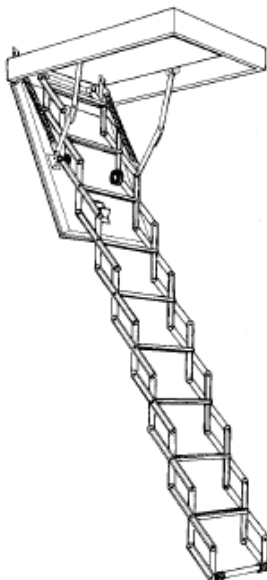
Standard 2 500 mm.

Lowest: none.

It is possible to take away ladder sections (treads), though **not the highest and the lowest**

Highest: 3400 mm

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The ceiling height should be defined at ordering. If the wrong ceiling height is defined, it is possible to add/take away the sections.

NOTE! From the ceiling height 3000 mm a longer key/handle as well as a trap door holder, that provide additional stability to the trap door, are always supplied.

Accessories:

Guard rail, timber

Top hatch – to be ordered according to the casings outer size

Weight:

| <i>product</i> | <i>weight</i> |
|--|---------------|
| LEX70 SAX 540x820 ceiling height 2500 | 33 kg |
| LEX70 SAX 540x1130 ceiling height 2500 | 35 kg |
| LEX70 SAX 700x1130 ceiling height 2500 | 38 kg |