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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

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**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:

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 <sup>2</sup> 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.

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:**

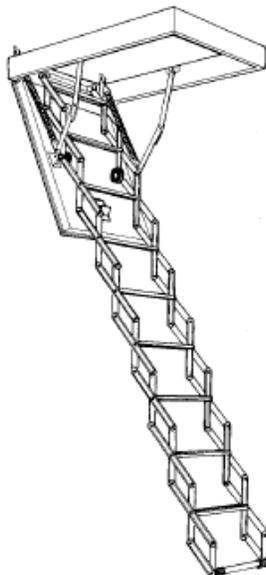
Standard 2 500 mm.

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