

MOTORISED RETRACTABLE LADDER



INDEX

1. Data and Documentation
2. Use
3. Specifications

1. DATA AND DOCUMENTATION

Code	Description	Dimensions (mm)	Weight	Pkg. / Pallet
SCA02-690/4	Mororised Retractable Ladder	700 x 900 x 3,000	- kg/pc.	1 pc. / - pcs.
SCA02-690/5	Mororised Retractable Ladder	700 x 1,000 x 3,000	- kg/pc.	1 pc. / - pcs.

MATERIAL CERTIFICATION

Made of 12/10 steel.
 Certified according to UNI EN 14975:2010.
 Maximum load capacity 260 kg.

Test Summary Sheet UNI EN 14975:2010				
Static Load Test				
	Load on top step		Central step load	
	Preload 1,000 N (102 kg)	Preload 2,600 N (265 kg)	Preload 1,000 N (102 kg)	Preload 2,600 N (265 kg)
Application time (1)	T: 60 seconds	T: 60 seconds	T: 60 seconds	T: 60 seconds
Condition of welds	Unaltered	Unaltered	Unaltered	Unaltered
Soft state	Unaltered	Unaltered	Unaltered	Unaltered
Bracket status	Unaltered	Unaltered	Unaltered	Unaltered
Status of tie rods	Unaltered	Unaltered	Unaltered	Unaltered
Step status	Unaltered	Unaltered	Unaltered	Unaltered
Closing/opening mechanism	Unaltered	Unaltered	Unaltered	Unaltered
Rating scale	Unaltered	Unaltered	Unaltered	Unaltered
Step Torsion Test				
Applied torque	50 Nm			
State of welds at end of test	Unaltered			
Permanent deformation at end of test	Absent			
Rating scale	Compliant			
Handrail Load Test				
Applied loads (2)	100 - 400 N (10 - 41 kg)			
Status of hooks at end of test	Unaltered			
Deformation at end of test	Within the limits			
Rating scale	Compliant			

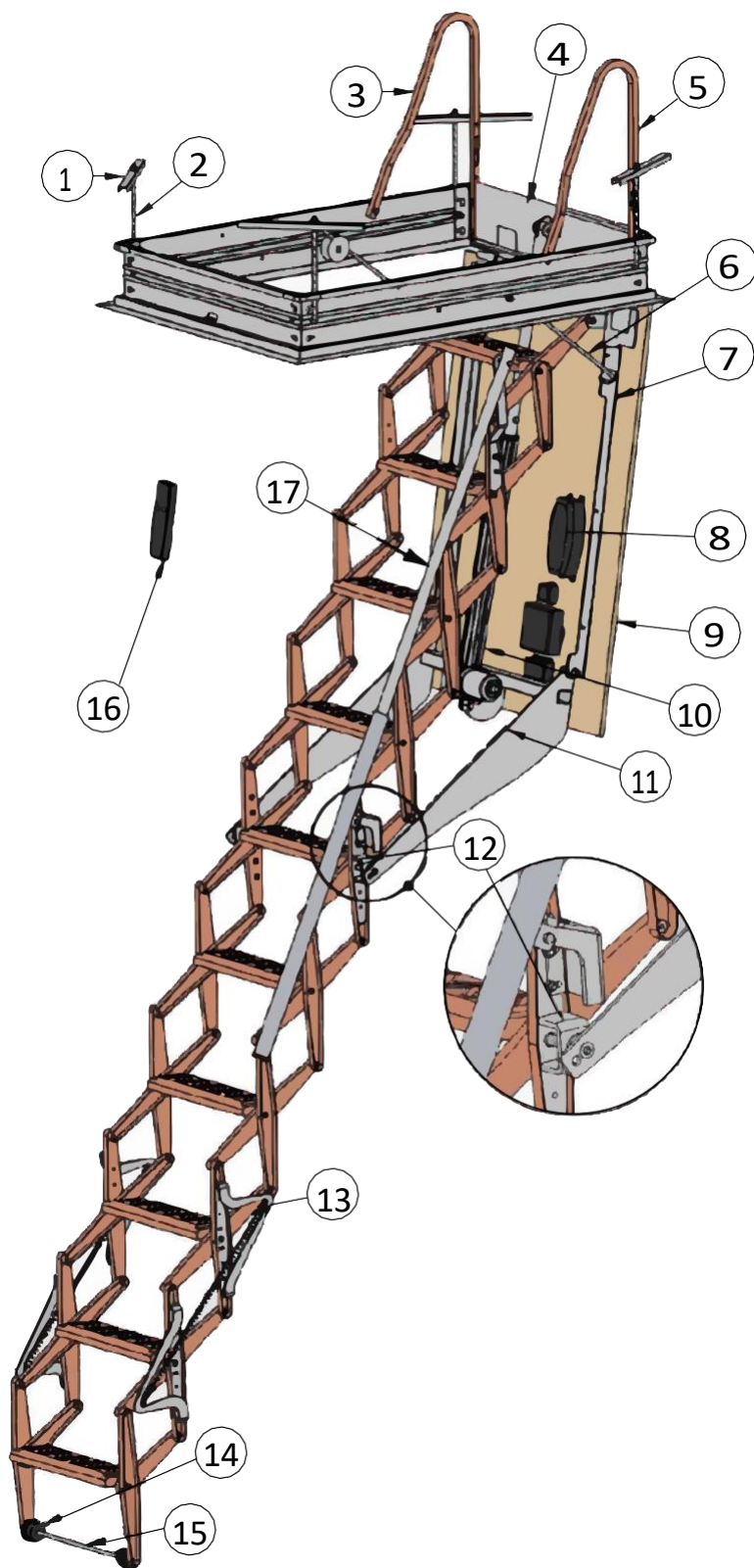
(1) 1,000 N preload application time, T= 60 seconds as per UNI EN 14975:2010.

(2) preload application time of 2,600 N, T= 60 seconds as per UNI EN 14975:2010.

MOTORISED RETRACTABLE LADDER

(2) loads with direction and magnitude as per EN 14975:2010

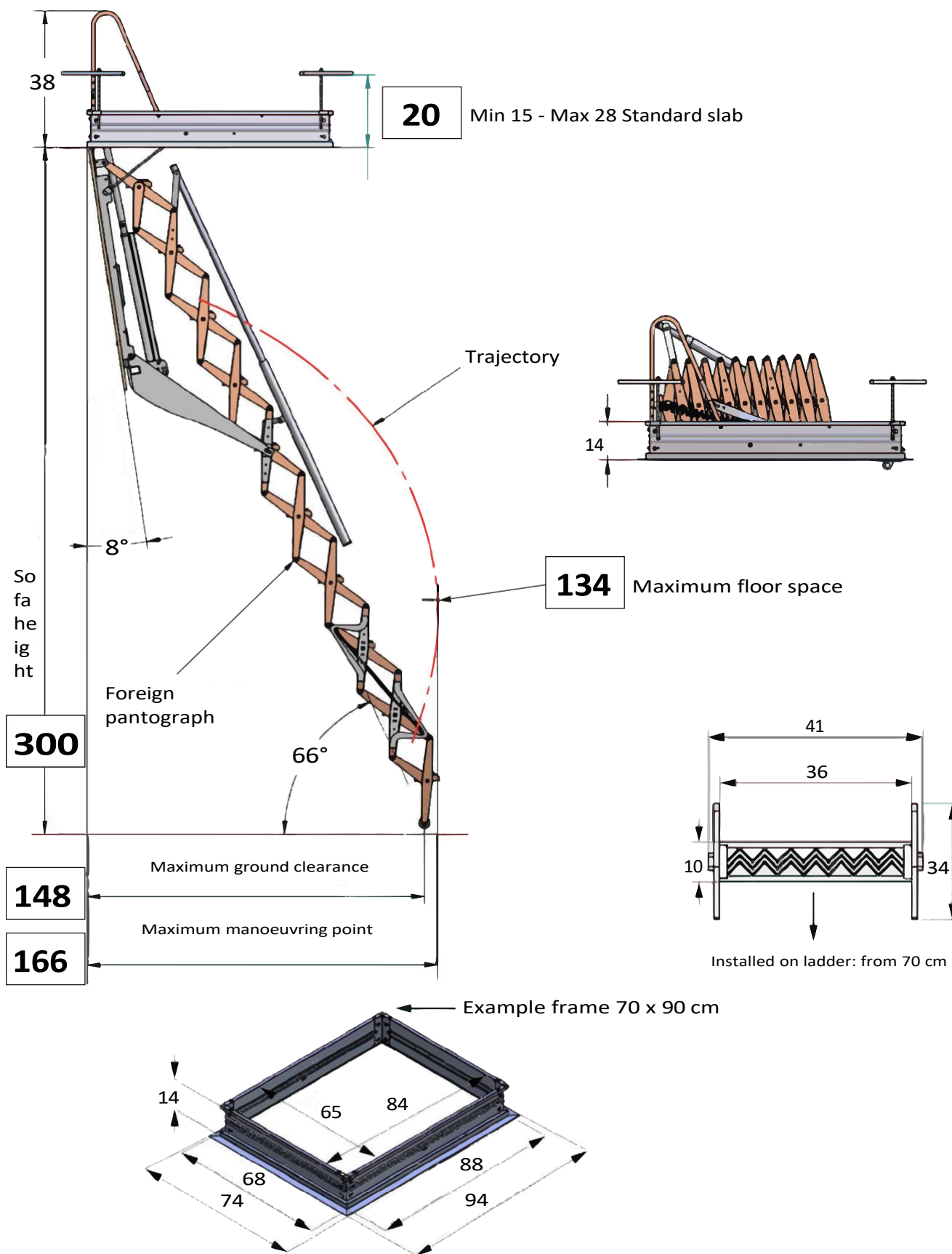
MOTORISED RETRACTABLE LADDER



n°	Description
1	Support channel
2	Support turnbuckle
3	Left descent anchor
4	Nerve-Frame Zn 12/10
5	Right-hand descent anchor
6	Sliding round
7	Left pantograph base
8	110/220 Volt power supply
9	Chipboard
10	Electromechanical actuator
11	Ladder assembly support
12	Oval with attachment
13	Ladder pack
14	Antiskid wheel
15	Stabiliser bar
16	Radio control
17	Right-hand climbing support

The ladder is designed to have an inclination of 66°. Mount the nerve-frame in level to ensure correct operation.

MOTORISED RETRACTABLE LADDER

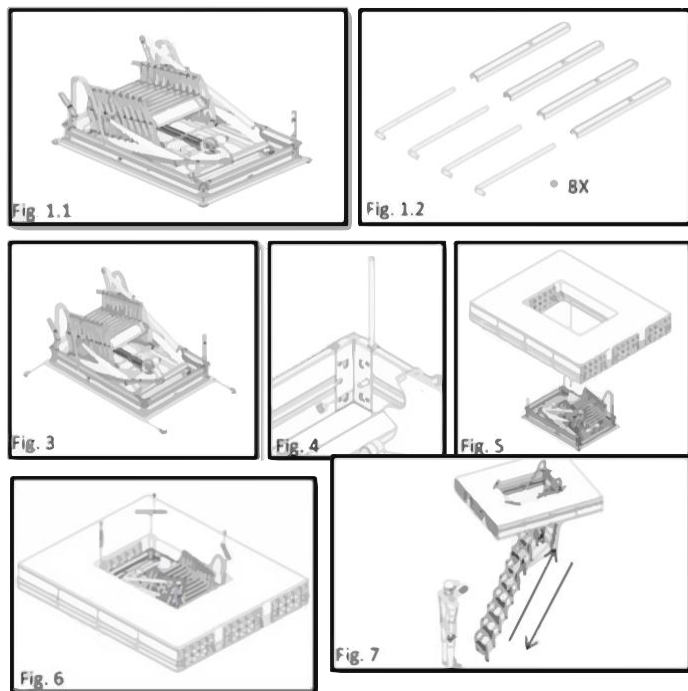


MOTORISED RETRACTABLE LADDER

2. USE

Usually used inside dwellings to reach floors without the encumbrance of a fixed ladder. The 'pantograph' folding system to make it disappear into the ceiling makes it suitable for tight spaces.

INSTALLATION



1. Package contents

- 1. Scale Parcel
- 1.2 Channels, turnbuckles and screws.

2. Staircase installation

Remove the plastic edge protectors from the nerve-frame. Screw the four support turnbuckles onto the nerve frame. (Fig. 4).

Ensure that the nerve-frame is level!

Insert, from bottom to top, the ladder pack into the hole in the floor. (Fig. 5)
Secure the ladder to the floor slab by inserting the four support channels into the turnbuckles and secure them with the appropriate nuts. (Fig. 6)

3. Stair opening

Press the open button on the radio control to open the ladder (Fig. 7).

4. Staircase closure

Press the close button on the radio control to open the ladder (Fig. 7).

3. SPECIFICATION ITEMS

Entry	Description	Unit	Price
Dak.I.SCA02.690/x	Supply and installation of motorised pantograph retractable ladder pack consisting of tubular elements and stamped sheet metal tread with anti-slip texture. Motor including 110V/220V power supply. UNI EN 149875:2010 certified, maximum load capacity 260 kg. Individually packaged, equipped with radio control. Available in floor opening dimensions 700 x 900 x 3,000 and 700 x 1,000 x 3,000. Made of galvanised steel. Used inside homes to reach floors without the encumbrance of a fixed ladder. The 'pantograph' folding system makes it suitable in tight spaces.		
Dak.I.SCA02.690/4	Dimensions 700 x 900 x 3,000 mm.....	pc.	-
Dak.I.SCA02.690/5	Dimensions 700 x 1,000 x 3,000 mm.....	pc.	-