

# INSTRUCTIONS MANUAL

## PROFESSIONAL STEP-LADDERS and PLATFORM

### Guarantee and insurance certificate:

The undersigned company Frigerio Carpenterie S.p.A. guarantees for the step-ladder specified below and for a period of 10 years for articles in aluminium and a period of 5 years for articles in fibreglass, starting from the purchase date, replacement or repair free of charge for parts resulting as defective due to materials or machining; it also insures against any damages caused to property or people caused by the same parts if ascertained as having left the production plant in defective condition.

The following are not included in this guarantee:

- defects or breakages and all consequences caused by misuse and/or lack of compliance, even if only in part, with that indicated in the instructions and/or that prescribed by the specific current standards.
- Damage caused by wear or atmospheric agents
- Interventions for presumed defects or convenience inspections

This guarantee is not valid in the case of mishandling or repairs carried out by persons not authorised by Frigerio Carpenterie S.p.A. or if carried out using non-original spare parts.

Step-ladder model: \_\_\_\_\_ Date of purchase: \_\_\_\_\_

Serial Number, if any -  
Manufacture month/year:

Stamp and signature  
of Retailer:



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This manual is based on the provisions of Leg. Decree no.81 and pursuant to standard EN131-3 for products certified according to requirements: EN14183 (requirements for step stools, ramp stools and dome stools), EN50528 (low voltage isolation for fibreglass ladders).





## ADHESIVES AND PICTOGRAMS

The basic information is outlined in a clearly visible format on the adhesive of each ladder produced.

The square pictograms with a green or blue border illustrate a positive action to follow while the round pictograms with a red border illustrate a forbidden action.

Read the instructions



Maximum permitted load



Visual inspection before use



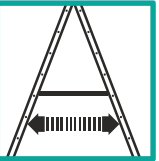
Maximum number of users on step-ladder



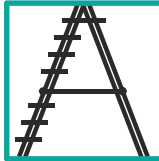
Check intactness of the step-ladder support feet



Ensure the step-ladder is fully open



Ensure all the safety devices against accidental opening and closure are activated and locked



Ensure there is no dirt, water or oil on the ground



Position and use the step-ladder on solid ground



Do not hang over it sideways and keep the centre of gravity at the centre of the ladder



Access to the climbing ramp is permitted to one person at a time



Do not climb down the sides of the step-ladder to access raised surfaces



Turn towards the step-ladder both when climbing up and down it



Do not use the step-ladder as a bridge



Position and use the step-ladder on flat ground



## GENERAL USE WARNINGS

### Before use:

- Ensure you are physically fit enough to use the step-ladder. Certain medical conditions, use of medicine, or abuse of alcohol or drugs could make use of the step-ladder unsafe
- If the step-ladder is transported on a roof rack or a truck, ensure it is correctly positioned to avoid damage;
- Inspect the step-ladder after delivery and before first use to check the conditions and operation of all its parts;
- Visually inspect the step-ladder is not damaged and that it can be used safely at the start of each working day;
- For professional users, regular periodic inspection is required, at most every 100 hours of use;
- Ensure the step-ladder is suitable for the specific use;
- Do not use damaged step-ladders;
- Remove every trace of dirt, such as fresh paint, mud, oil or snow from the step-ladder;
- Before using a step-ladder in the workplace, a risk assessment should be carried out in compliance with legislation in the country of use.

### Positioning and assembly of the step-ladder:

- The step-ladder must be assembled in the correct position, completely open; If the step-ladder is equipped with flat or deep steps over 5 cm, the ladder should be positioned to keep the steps in the horizontal position
- The anti-closure and anti-opening safety devices if planned, must be completely blocked before use;
- The step-ladder must be on a flat, horizontal and non-moving base;
- The position of the ladder must never be changed from above;
- When the step-ladder is positioned, remember the risk of collision with it, for example, with pedestrians, vehicles or doors;
- Identify all the electrical risks in the work area, such as lines or other exposed electrical equipment;
- The step-ladder must rest on its feet and not on the rungs or steps;
- The step-ladder must not be positioned on slippery surfaces (such as ice, polished surfaces or very soiled solid surfaces), unless suitable measures are taken to avoid the ladder slipping or ensure sufficient cleaning of the dirty surface.

*N.B. If the adhesive is damaged or very worn, you can inform our office to request a new one*

### Using the step-ladder:

- Do not exceed the total maximum load for the type of step-ladder;
- Do not hang off the step-ladder; the user's belt buckle should be inside the upright on both feet on the same step/rung during the entire operation;
- Do not leave the step-ladder to access another location at a height without additional safety, such as a tying system or suitable stabilisation device;
- Do not use double step-ladders to access another level;
- The step-ladders should only be used for light and short works;
- Use non-conductive step-ladders to carry out works on live electrical parts;
- Do not use the step-ladder outdoors, in bad weather conditions such as strong wind;
- Take precautions to avoid children playing on the step-ladder;
- Secure the doors (except the fire-escape exits) and the windows, where possible, in the work area;
- Face the step-ladder when climbing up and down;
- Keep a safe grip on the step-ladder when climbing up and down;
- Do not use the step-ladder as a bridge;
- Wear suitable footwear to climb on the step-ladder;
- Do not spend long periods of time on the step-ladder without regular breaks (tiredness can contribute to risk);
- The equipment transported on the step-ladder must be light and manageable;
- Avoid excess side loads, for example lifting packs that are too heavy;
- Do not use the step – ladder in a dark environment or in the presence of dangerous interferences (when needed, protect it with barriers or, if prescribed, also with road signage);
- Do not position the step – ladder on any equipment or object in order to gain some height;
- Do not jump to the ground when standing on the step – ladder;
- Before getting on the step – ladder, check that all sides are free from any obstacles;
- Climbing on storage shelves is forbidden;
- Pay attention not to squeeze your hands when you open, use or close the step – ladder;
- When using the step – ladder entails a risk of skidding, the same should be bound or held by another person;
- Only use the step – ladder in the configurations envisaged by the manufacturer;
- Any slightest movement of the step – ladder should be carried out when no one is standing on it;

### Step-Ladder demolition:

- Step-ladders must not be disposed of in the environment, but delivered to the specific, authorised collection centres.

### Repair and cleaning:

- Repairs must only be carried out by competent staff, compiling the following data sheet. Contact the Frigerio dealers or directly contact Frigerio Carpenterie S.p.A. on 035-4242311.
- Step-ladders must be cleaned with a damp cloth using water or alcohol.

Date	Intervention description	Technical signature

## USER TRAINING and INFORMATION

In compliance with the provisions of Art. 36, 37 and 73 of Legislative Decree no.81 on 9 April 2008, I declare to have consulted the manual outlining the instructions for use and maintenance of the ladder and I am therefore informed and trained in the health and safety risks, on the safety measures and the hazards relating to its use

Date	Operator's name and surname	Operator's signature	Company stamp and signature

## MAINTENANCE and CONTROLS

Our aluminium or fibreglass step-ladders do not need any particular maintenance or periodic servicing, but you are recommended to take note of the general warnings in this manual and the specific use instruction for the model used, described on the following pages and keep the ladders away from atmospheric agents, oxidants and corrosive substances.

You are also advised to safeguard step-ladders to avoid improper use. The manufacturer cannot be held in any way liable for damage to people or property which can derive from improper use of the step-ladders and total or partial non-compliance with the standards outlined in this manual and those in force, or non-compliance with periodic controls or maintenance against possible damage caused by use or atmospheric agents.

For this reason, **AT LEAST EVERY 100 HOURS AND BEFORE EACH USE, CAREFULLY CHECK THE ELEMENTS ARE INTACT** and, if necessary, signal any deficiencies found to your manager (Art. 18-9-20 Leg. Decree no.81: worker and supervisor obligations) and comply with the provisions of safety legislation.

Date of inspection day/month/year	Step-ladder model article code	Components checked yes/no	Components cleaned yes/no	Rungs and uprights intact yes/no	Feet intact yes/no	Anti-extension and anti-opening devices intact yes/no	Welding intact yes/no	No rust yes/no	Stickers intact yes/no

**ATTENTION !** - Before using the step-ladder, read and understand the general provisions outlined from page 2 to 5

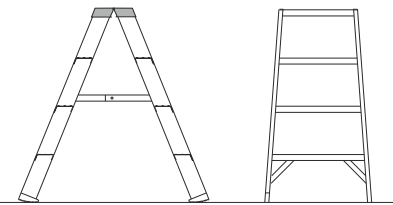


## DOUBLE-SIDED FOLDING STAGE STOOL

- 1) Open the stool :  
 - Position the stool vertically and space the two climbing ramps apart until the spacer bars are fully extended.

**WARNING:**

Before use, check the integrity of the opening hinge and the side spacer bars that guarantee anti-opening and anti-closure safety..



**ARTICLES MADE**

Art. **SCA 6033** / 02-03-04

Art. **SCA V033** / 02-03-04

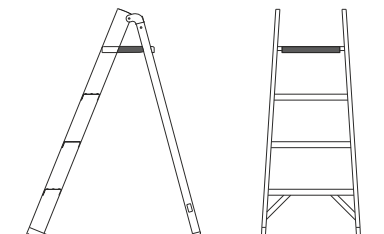


## FOLDING STOOLS WITH NYLON STEP PLATFORM

- 1) Open the stool :  
 - Position the stool vertically and space the ramp side apart from the support stand until the platform rests completely on the crossbar

**WARNING:**

Before use, check the integrity of the platform and the locking rod under the platform for anti-opening and anti-closing safety



**ARTICLES MADE**

Art. **SCA 6017** / 02-03-04



**ATTENTION !** - Before using the step-ladder, read and understand the general provisions outlined from page 2 to 5



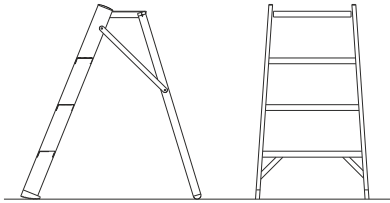
## FOLDING STOOL WITH ALUMINIUM STEP PLATFORM

- 1) Open the stool :
- Position the stool vertically and space the ramp side apart from the support stand until the platform rests completely on the crossbar.

**WARNING:**  
 Before use, check the integrity of the platform and the side spacer bars that guarantee anti-opening and anti-closure safety.

### ARTICLES MADE

Art. **SCA 6027** / 02-03-04



## EXTRA-LARGE FOLDING STOOL WITH ALUMINIUM STEP PLATFORM

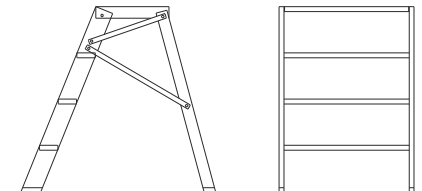
- 1) Open the stool :
- Position the stool vertically and space the ramp side apart from the support stand until the platform rests completely on the crossbar;

- 2) Close the stool :
- Remove the stop block covering the hinges of the side spacer bars then lift the platform until the stool is completely closed.

**WARNING:**  
 Before use, check the integrity of the platform and the side spacer bars that guarantee anti-opening and anti-closure safety.

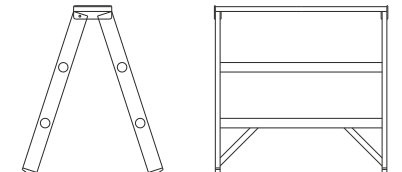
### ARTICLES MADE

Art. **SCA 6029** / 02-03-04



## CONSTRUCTION DOUBLE-SIDED STAND with round rung

- 1) Open the stool :
- Place the stool vertically and space the two climbing ramps apart up to the maximum distance.



**WARNING:**  
 Check the integrity of the opening hinge and locking screws before use.

### ARTICLES MADE

Art. **SCA EDIL150S**

Art. **SCA EDIL150**

Art. **SCA EDIL150B**



### USE OF DOUBLE STAND WITH BRIDGE CONNECTION PLATFORM

Only for the SCA EDIL150S and SCA EDIL150 items, the coupled use of two stands with bridge connection platform is only allowed when:

- The ground surface is flat,
- The stands have the same size,
- The connection platform is provided by the manufacturer.

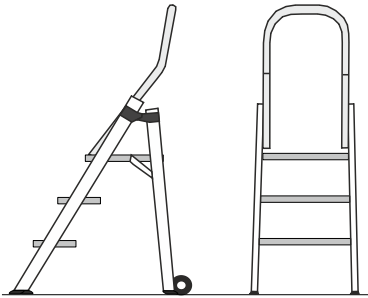


**ATTENTION !** - Before using the step-ladder, read and understand the general provisions outlined from page 2 to 5



## FOLDING STOOL WITH ALUMINIUM STEP PLATFORM AND FOLDING PROTECTION with step

- 1) Open the stool :  
- Position the stool vertically and space the ramp side apart from the support stand until the platform rests completely on the crossbar.
- 2) Open the protection:  
- Lift the protection made of round tube and turn it over until it rests completely on the structure of the stool  
- Rotate the locking lever until it firmly engages the rotation of the railing



### WARNING:

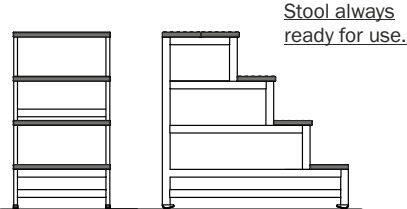
Before use, check the integrity of the platform and the side spacer bars that guarantee anti-opening and anti-closure safety.

### ARTICLES MADE

Art. **SCA WZ** / 03-04



## STOOL WITH HIGH LOADING CAPACITY with step



Stool always ready for use.

WARNING: When used for access to raised floors, the stool must be anchored to the ground using at least 2 base plates art. SCC 1990PDA.

### ARTICLES MADE

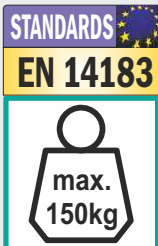
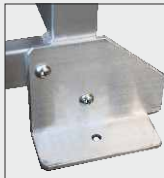
Art. **SCA 1990** / 02-03-04

Art. **SCA 1990S** / 02-03-04

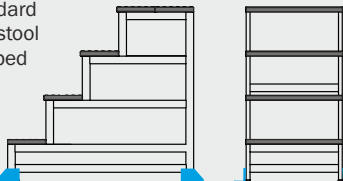


### BASE PLATES ACCESSORY art. SCC 1990PDA

The base plates increase the support base and improve the stability of the stool.



In order to comply with the European standard EN 14183 the stool must be equipped with at least 4 base plates art. SCC PDA.

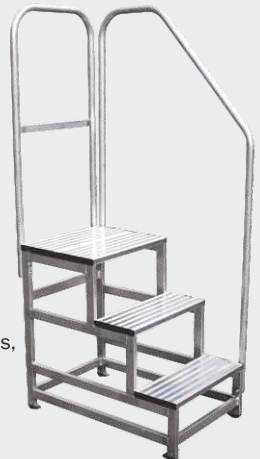


### ACCESSORIES RAILINGS AND HANDRAILS

art. **SCC 1990CL4**  
art. **SCC 1990CL3**  
art. **SCC 1990PF**  
art. **SCC 1990PL**

The side handrails, side railings and front railing are joined to the stool by means of special through screws to be inserted in the holes provided and locked with bolts.

WARNING: When used with any of these accessories, the stool must be anchored to the ground with at least no. 2 base plates art. SCC 1990PDA.



**ATTENTION !** - Before using the step-ladder, read and understand the general provisions outlined from page 2 to 5



## TELESCOPIC ASCENT DOUBLE WORK PLATFORM TRANSFORMABLE IN LADDER *runged*

### 1) Ladder extension and opening

(Ladder in bridge use)

- Rotate the elements of the ladder, releasing each hinge to open all the external hinges 30° ,
- Position the ladder on its feet;

(Ladder in extended use)

- Rotate the elements of the ladder, releasing each hinge to open all the hinges 180° ,
- Lean the ladder on the wall.

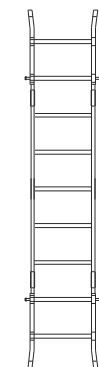
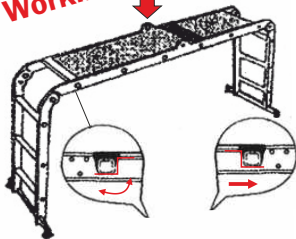
### PLATFORM USE

L'art. SCA BZ/04 allows you to use the ladder as a work platform with max load capacity of 100 kg using only the shelf provided

The platform must couple to the external rungs of the ladder bench:

Firstly insert the side of the fixed «Z» hook and then block side sliding by rotating the rotary «Z» hook.

**Working load 100 kg.**



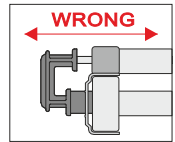
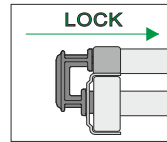
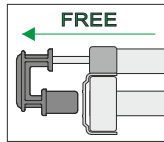
extended ladder



platform



combined platform



### 2) Extension and locking:

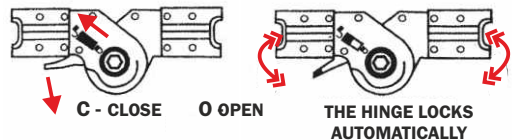
Extension of the ladder is adjusted by extending the external frames and locking is carried out on each step.

- Release (FREE) pulling the two telescopic hooks outwards and removing the internal section,
- Lock (LOCK) the extension by re-inserting the telescopic hooks, coupling them with the compartment of the rungs of the internal section.



### Joints with automatic locking

To release the hinges, pull the lever up to positioning the block on position «O», then rotate up to locking on the next position. Repeat the procedure until the desired position is obtained.



### Hinges maintenance

The hinges must be clean of any dirt and regularly lubricated.

*N.B.* Before climbing on the ladder, ensure all the hinges are locked, with the block in the locking position «C».

*N.B.* When used on the last available step at a height over 2 m the ladder must be anchored to avoid danger of slipping.

**Last available step in extended use = fourth last step**

### ARTICLES MADE

Art. SCA BZ / 04

**STANDARDS**  
D.Lgs. 81



**ATTENTION !** - Before using the step-ladder, read and understand the general provisions outlined from page 2 to 5



## MODULAR DOUBLE-SIDED WORKING PLATFORM with steps

- 1) Brake each wheel acting on the front brake with the foot protected by a work shoe;
- 2) For both climbing frames, loosen the «L»-shaped fixing plates on both sides of each frame by acting on the appropriate handwheel screw;
- 3) For each climbing frame, slightly rotate the loosened «L»-shaped fixing plates to be able to insert the hook of the work surface and rest it on the round crossbar, then tighten the handwheel screw of each «L»-shaped fixing plate with the manual force only;
- 4) Make sure that both lift frames with wheels are fully extended so that the coupling with the platform is solid and stable;
- 5) Manually remove the anti-lifting safety devices located under the worktop attachment hooks and make sure you have braked all the 4 wheels.



### Side railing and compliance with European standard EN 131-7 anti-rollover

The TZ platform allows the application of the side railing as an accessory on request:

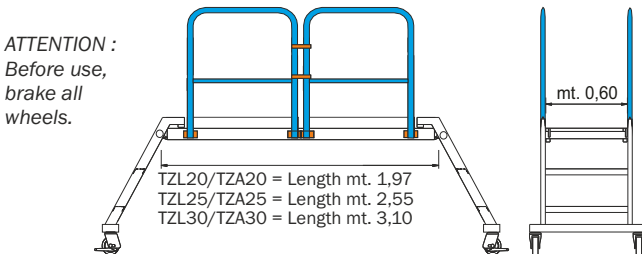
- art. **SCC PTZ20** (for TZL20/TZA20)
- art. **SCC PTZ25** (for TZL25/TZA25)
- art. **SCC PTZ30** (for TZL30/TZA30)

*N.B. Compliance with the European standard EN131-7 anti-tipping is guaranteed only when the platform is equipped with a complete guardrail placed on both sides of the platform.*

#### Assembly:

- Insert the vertical pipes of the parapet into the fixing plates located on the external sides of the worktop,- Align the holes in the plate with the holes in the vertical railing tubes, then insert the through screws provided and tighten the bolt by hand only.

*N.B. The articles SCC PTZ25 and SCC PTZ30 are made up of two parapet frames which, once hooked to the platform, must also be joined together using the connecting plates provided.*



ARTICLES MADE	
Art. <b>SCA TZL20-1</b>	Art. <b>SCA TZA20-1</b>
Art. <b>SCA TZL20-2</b>	Art. <b>SCA TZA20-2</b>
Art. <b>SCA TZL20-3</b>	Art. <b>SCA TZA20-3</b>
Art. <b>SCA TZL25-1</b>	Art. <b>SCA TZA25-1</b>
Art. <b>SCA TZL25-2</b>	Art. <b>SCA TZA25-2</b>
Art. <b>SCA TZL25-3</b>	Art. <b>SCA TZA25-3</b>
Art. <b>SCA TZL30-1</b>	Art. <b>SCA TZA30-1</b>
Art. <b>SCA TZL30-2</b>	Art. <b>SCA TZA30-2</b>
Art. <b>SCA TZL30-3</b>	Art. <b>SCA TZA30-3</b>

## PLATFORM/LOADING SURFACE WITH DOUBLE ASCENT by step

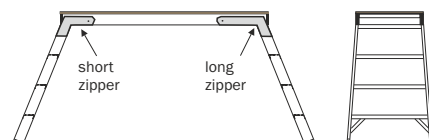
### 1) Open the platform:

For both sides, rotate the raising frames outwards to maximum opening until the locking pin automatically clicks.

### 2) Close the platform:

For both sides, pull the strap located at the last step and then rotate the climbing frame until it folds completely onto the platform.

*(N.B. First rotate the frame equipped with the short hinge and then the frame equipped with the long hinge)*



ARTICLES MADE
Art. <b>SCA FZ/03</b>
Art. <b>SCA FZ/04</b>



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# Notes

**ATTENTION !** - Before using the step-ladder, read and understand the general provisions outlined from page 2 to 5



# Notes

# Reference Standards

From legislative Decree no. 81 dated April 9, 2008

## Art. 111. Employer obligations in using equipment for work above ground

1. The employer, when temporary work above ground cannot be performed in safety conditions and adequate ergonomic conditions from a place suited for this purpose, selects the most appropriate work equipment to guarantee and maintain safe work conditions.. <omissis>
3. The employer ensures that a ladder is only used as an above ground workplace when the use of other work equipment considered safer is not justified due to the limited risk level and short-term use or site features that cannot be modified.. <omissis>
5. The employer, according to the type of work equipment adopted based on the previous points, identifies measures to minimise worker risks, intrinsic to the equipment in question, installing, where necessary, fall protection devices. These devices must have a configuration and resistance to avoid or stop falls from above ground work sites and prevent, where possible, any worker injuries. Group protection devices against falls may only include interruptions in points where there are ladders or rungs.
7. The employer only performs temporary work above ground if weather conditions do not put workers' safety and health in jeopardy.
8. The employer also prohibits workers assigned to above ground work from drinking or administering alcohol or hard liquor.

# DECLARATION OF CONFORMITY

We declare that:

All step-ladders produced by us, including that accompanying this booklet, are manufactured in compliance with the Italian Presidential Decree n. 81 dd. 08/04/2008.

We also declare that to remain in order with previously stated standard, the use instructions labelled on the step-ladder, that is the warnings described in this booklet, must be strictly adhered to.

Orio Al Serio, 01 March 2025

FRIGERIO CARPENTERIE S.p.A.  
Il Legale rappresentante

It is hereby declared that the step-ladder models listed below are tested and certified according to:  
**European standard EN 14183**

It is also declared that each step-ladder model in fibreglass listed below is certified according to **European standard EN 50528** and guarantees electrical insulation at low voltage to 1000V A.C. and up to 1500V D.C.

(refer to the identification sticker and serial number on the step-ladder)

Step-ladder code	Description	No. Certified	Issued by	On date
SCA WT / 2-3-4	tep-ladder one ascent with parapet (EN 14183)	2014/914	POLITECNICO (MI)	06/05/2014
SCA 6017 / 2-3-4	Step-ladder one ascent (EN 14183)	2009/164	POLITECNICO (MI)	26/02/2009
SCA 6027 / 2-3-4	Step-ladder one ascent with platform (EN 14183)	2009/165	POLITECNICO (MI)	26/02/2009
SCA 6033 / 2-3-4	Step-ladder double ascent (EN 14183)	2009/163	POLITECNICO (MI)	27/02/2009
SCA V033 / 2-3-4	Step-ladder double ascent (EN 14183)	VA_MES 14 11 031	TÜV ITALIA (TO)	07/11/2014

Step-ladder code	Description	Compliance and specifications
SCA 1990-1990S / 2-3-4	Step-ladder one ascent with platform	EN 14183
SCA WZ / 3-4	Step-ladder one ascent with platform and protections	EN 14183
SCA TZL-TZA / 20-25-30	Modular anti-tip work platform with double ascent	EN 131-7 (with full railing)
SCA FZ / 3-4	Platform/Foldable loading platform with double ascent	EN 14183



The «CE» mark cannot be applied to step-ladders, ladders or scaffolds, since they are not covered by the Machinery Directive.

**Edition March 2025**  
**All rights reserved**