



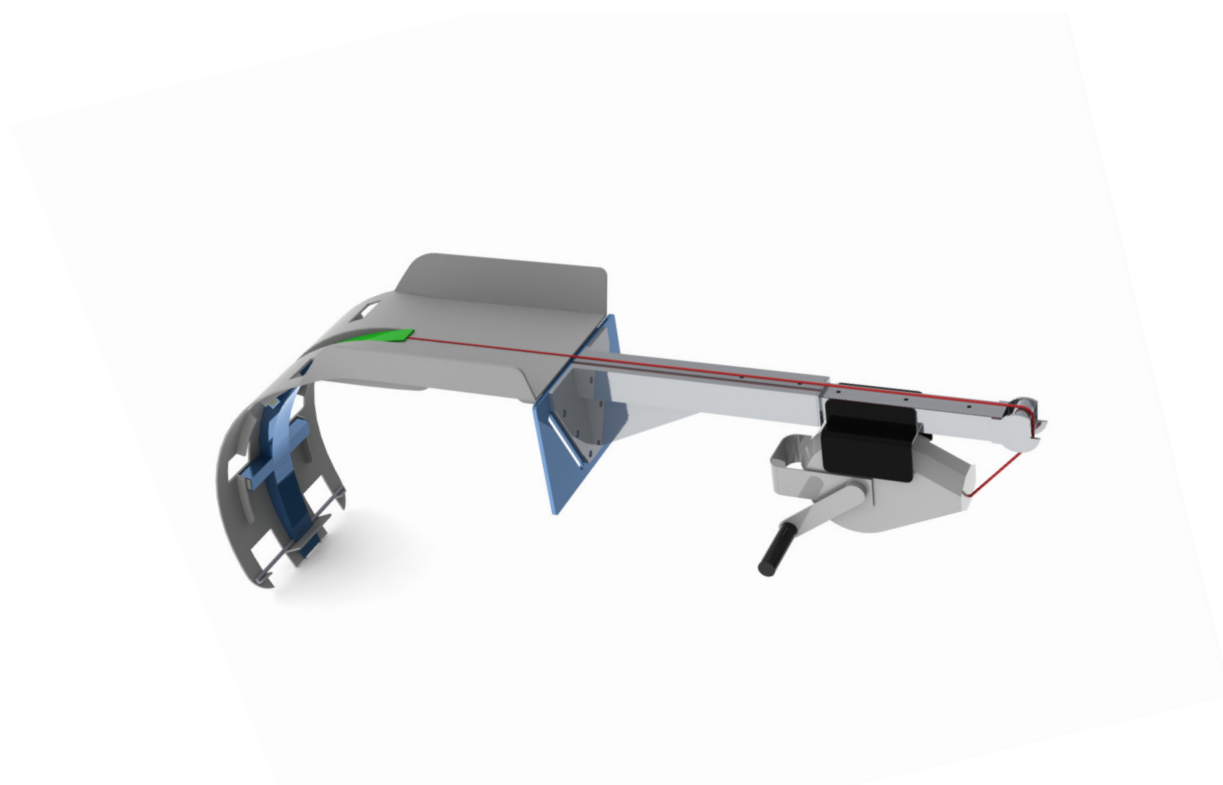
Rescue Slider - RS02C

User & Installation Manual

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1. Introduction.



Product description

1.1

Congratulation for purchasing a Genesi Italia product, Rescue Slider RS02C, used for horizontal and confined space safe entry work.

RS02C is a complete fall protection system intended to reduce sharp edge risks and for a safe and comfortable entry into the manhole.

This system is designed mainly to ease access and evacuation from horizontal entries, to be installed on different types of structure but mainly flanges.

Using this system with a fall arrest device (SRL or winch), provides effective protection against fall and it allows the evacuation from the horizontal entry.

2. Important notices.

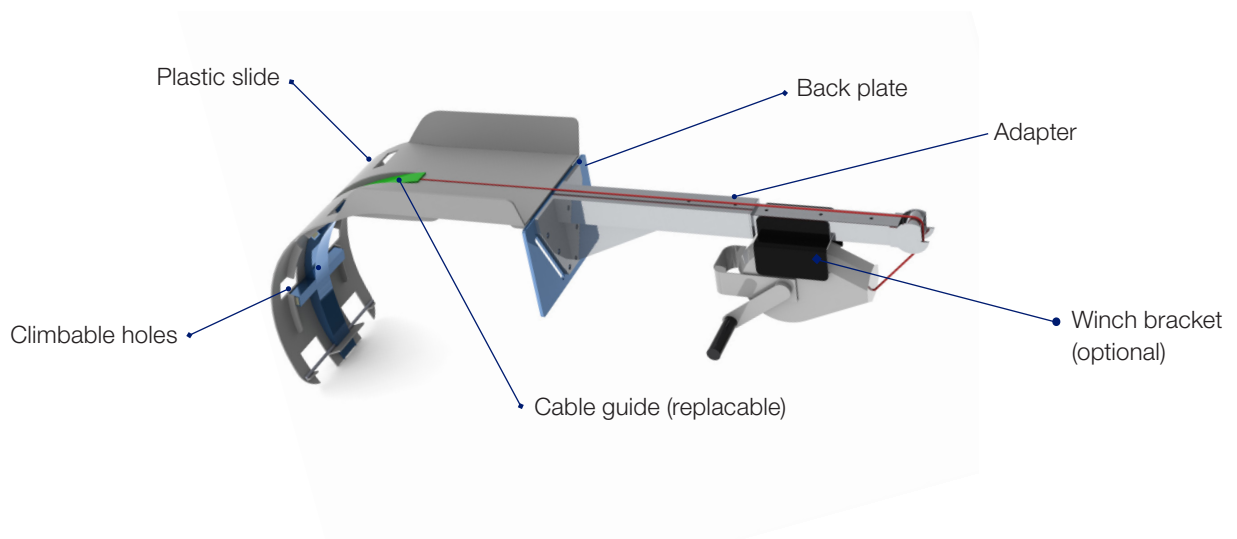
This product must be installed and used only by a competent person, with appropriate qualifications, trained by the manufacturer or another trained person in accordance with the manufacturer's instructions!

All persons using this system must be familiar with all the details of installation and use!

Anti-fall arresting devices that are installed on the system must have a maximum breaking force (MAF) of 613.6 KG (6kN) or less!

3. Technical informations.

System description

3.1

1) This device may NOT come into contact with open flame, high temperature and aggressive chemicals!

2) In the event of damage to any part of the device, please contact the manufacturer or a competent person. The competent person MUST be trained by the manufacturer.

4. Installation

On flange from 500 to 1000mm: 4.1

1) Remove the cover. Follow all safety instructions related to the particular working place.

2) Gently slip the front side of RS into the opening (pic.1) and try to position the slider horizontally.



3)) Insert entire surface of RS in the manhole so that the engaging back plate is caught behind a flanged edge (pic.2). Try to match the flange holes with the oval holes on RS.



4) Connect the RS at least by two screws to the flange and the oval holes on the back plate (pic. 3). If the flange holes do not match with the oval holes on the back plate, use the extension wing pads to find the right match. Read the extensions wings pads installation instruction on the next page.



5) All screws must be properly tightened, but not too strongly . (pic.4)



6) Check for correct assembly.

Extendible supports:

4.2

If the flange holes do not match with the oval holes on the back plate, use the extension wing pads to find the right match.

1) Install wing extensions on back plate of RS (bolt M16-2x, nut & washer M16) (pic. 5)



2) Tighten bolts till wings stay movable, but not too loose.

3) Position the wing pads untill they find the match with the two holes on the flange.



4) After fixing wing extensions use two bolts M16 to mount RS on the flange. After that, all bolts must be properly tightened. (pic.8). Bolts size depends on flange thickness.



Warning !!!

1) This product is a complete system for the entry / exit of people in confined spaces. The user must read, understand and follow all instructions mentioned in this manual. User **MUST** follow all safety regulation related to confined space entry.

User **MUST** visually check each part of the whole system before starting using the device.

Create a suitable training, maintenance and inspection program for your team and equipment. Failure to follow these instructions may lead to serious injury or death.

2) Before each use, visually inspect all equipment and accessories.

Correct any problems before starting working.

3) Rescue Slider without the adapter **CAN'T** be used as fall-arrest device according to EN 795 / B.

4) The maximum load, while hanging a ladder, should be chosen accordingly to the chart on page 8 of this operation manual.

The maximum load is never greater than 164 kg.

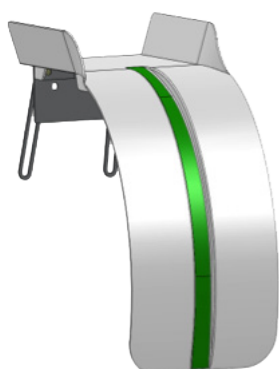
5) The ladder must be in compliance with the relevant standards and regulations.

Cable guide replacement

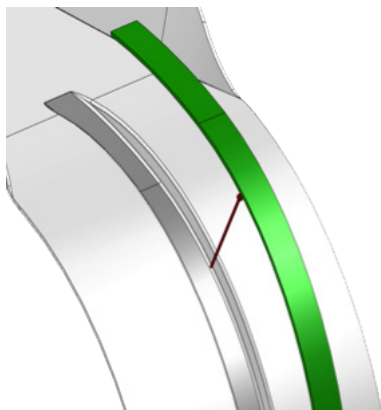
4.3

Cable guide of RS is made of extra hard plastic material. Even if this material can withstand a long term use, after some time it could get damaged by the cable sliding on the strap. This strap is fully replaceable and can be purchased as extra spare part. To replace the strap, please follow this instruction:

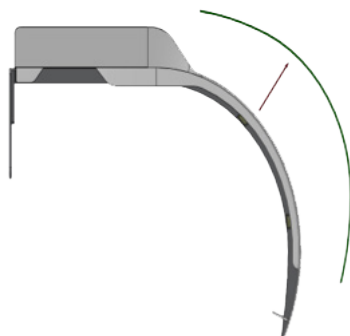
- 1) Unscrew 2xM6 bolts holding guide strap (green colored)



- 2) Remove used strap.



- 3) Replace used strap by new one.



- 4) Fix both bolts back on its position.

Attention !!!

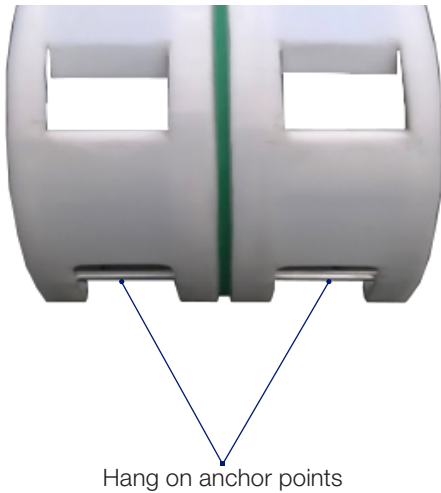
- 1) Never use Rescue Slider without cable-guide strap.
- 2) Never put the guide cable outside of the cable-guide strap. This way you can damage the white plastic cover.
- 3) Strictly follow replacement instruction. For any further details, please contact a competent person or the RS manufacturer.
- 4) RS operator MUST read and understand all safety regulations and use safety accessories.
- 5) The plastic components can be exposed to a temperature from -18°C to $+80^{\circ}\text{C}$.
- 6) Don't expose the plastic components to open flames or to extremely high temperatures or aggressive chemicals.
- 7) If any crashed, sharpened or somehow damaged components would occur, the user MUST contact a trained person.

Removable ladder anchorage 4.4

Operator can use any kind of certified hang-on ladder. To hang on the ladder, you must use **ONLY** the hang on anchors on the picture below. Strictly follow the maximum load capacity scale below.

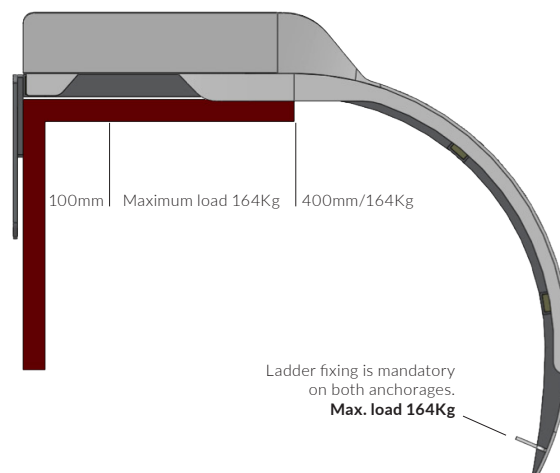
Attention !!!

- 1) Strictly follow maximum load capacity scale below.
- 2) User must follow ladder manufacturer instruction



Maximum loads 4.5

The below diagram shows the flange minimum surface needed to allow the RS02C to withstand the maximum loads as per CE certification.



Rescue adapter installation: 4.6

To provide rescue, lifting and lowering user has to install the rescue adapter.

User must strictly follow this installation manual.

The winch&SRL mount adapter can be installed either on the top or bottom side of the adapter.

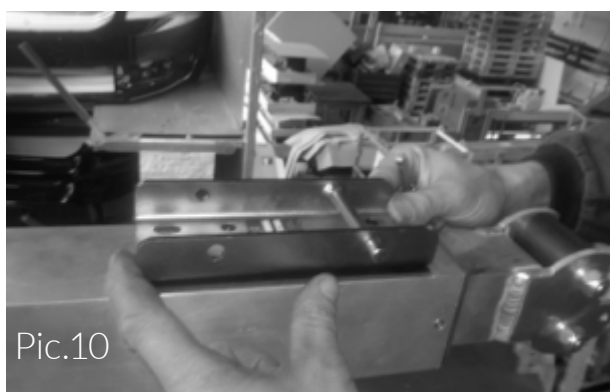
ADAPTER INSTALLATION PROCEDURE

Top bracket installation: 4.7

1. Use and tighten M16 bolts-6pcs to connect the adapter to the slider. All bolts MUST be tightened properly (Pic. 09).



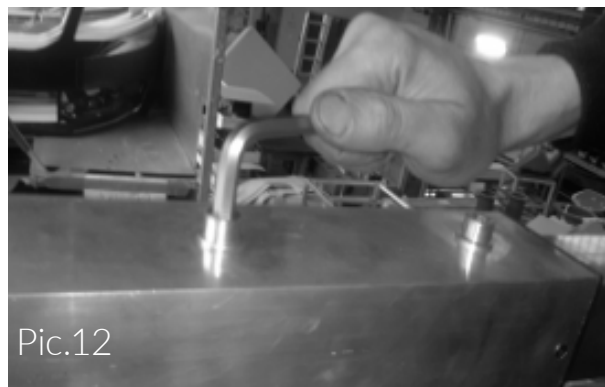
2. Position the bracket to fit it on the two M11 holes (Pic.10).



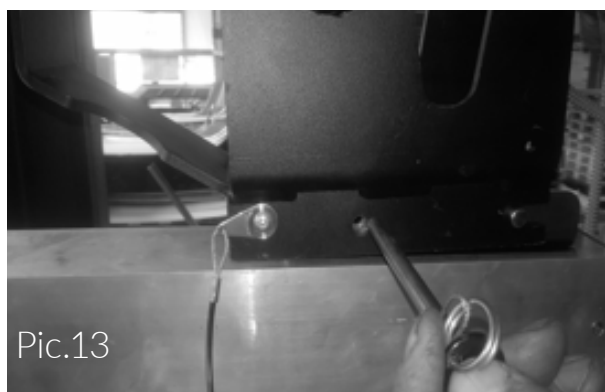
3. Insert the two M10 bolts into the M11 holes (Pic. 11).



4. Tighten both bolts properly (Pic. 12).



5. Install the winch/Srl adapter and secure it using the safety-lock pin (Pic. 13).

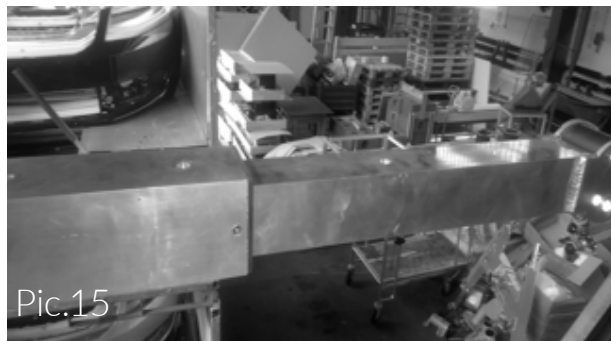


7. Lead the cable directly to the slider (Pic. 14).

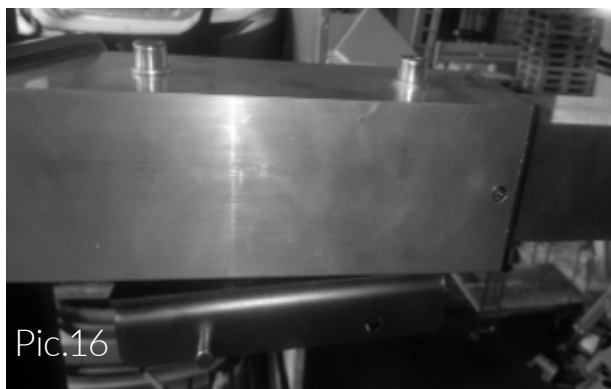


Bottom bracket installation: 4.8

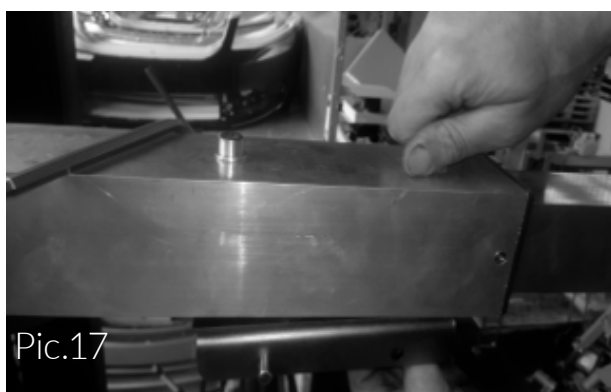
1. Extend inner profile to match bottom holes.



2. Install the bracket on bottom side and insert the two M10 bolts in the M11 holes.



3. Tighten all fasteners properly.



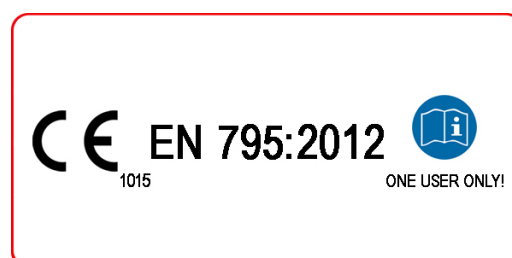
4. Install the winch/Srl adapter.



5. Lead the cable over the two pulleys and to the slider.



Warnings and signs: 4.9

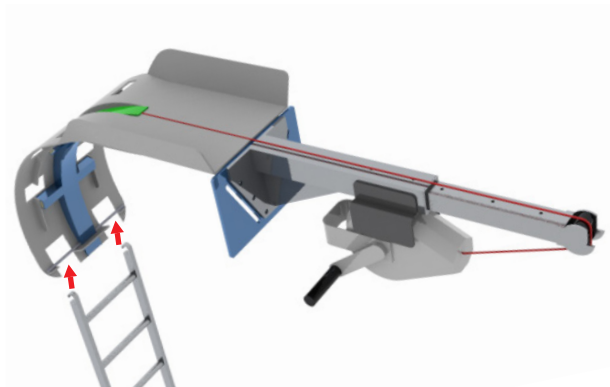


CMT 360 LB (164 KG) MAX

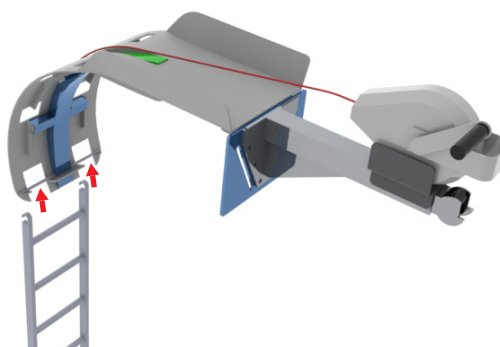
RS02C CONFIGURATIONS:

4.0.1

Bottom installation of the fall arrest device.



Top installation of the fall arrest device.



5. WARNINGS

SRL RUBBER BALL

5.1

To avoid the cable being stuck in guide make sure the rubber stopper does not follow the connector.



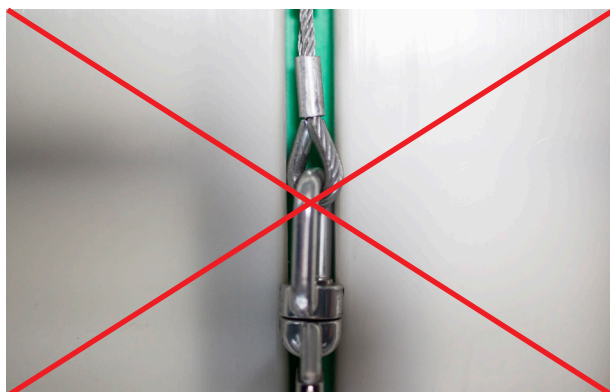
Hold the rubber stopper close to the fall arrest device.



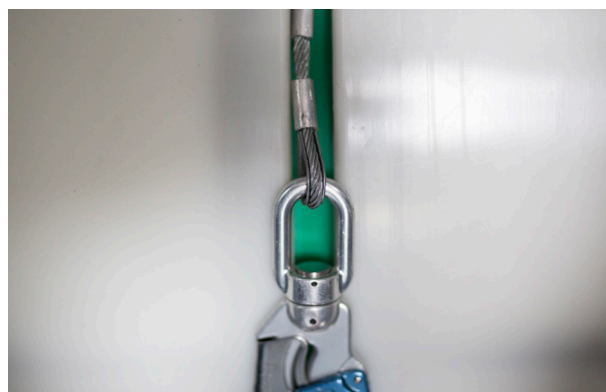
CONNECTOR POSITIONING

5.2

To avoid the cable being stuck in guide make sure it reaches the slider in the correct position.



Correct connector positioning.



INTENSIVE USAGE

5.3

Intensive usage and high load of the slider may cause plastic welding separation due to different materials flexibility characteristics (aluminium and plastic)

The above does not affect the slider structural and working capacity. Annual inspection will allow to reduce the event and adopt the requested corrective measure.

Plastic welding can be carried out by a competent person.
Plastic type: PE-HD100



6. Warranty.

Duration

6.1

Warranty is given for 2 years, starting from the date of delivery, on all plastic and aluminium parts of the RS02C.

Exclusion

6.2

The warranty will only be provided if:

- the product has been installed and used in compliance with the assembly and technical instructions supplied by Genesi Italia;

The warranty will not be provided if:

- our safety products include parts or accessories of out-sourced origin. In this case, the warranty provided will be that of the supplier of such parts.

The warranty lose effectiveness when defects are caused by:

- interventions or modifications to the original system performed without written authorization from the manufacturer/dealer;
- abnormal use differing from the purpose for which the equipment is intended;
- defective installation that fails to conform to the drawings or has not been performed in a workmanlike manner;
- failure of the customer to notify special conditions (pollution, temperature, number of users, etc.) of use of the equipment;
- breakage of the supporting surface that houses the anchor device;
- parts produced by the purchaser or obtained from sources other than Genesi Italia added to our systems.
- by unforeseen circumstances (force majeure) or by any event beyond the seller's control, such as warfare, lightning, etc.

Limitations

6.3

In all cases, our warranty merely covers the replacement or repair of parts or equipment formally recognized by our technical service as being defective.

If the repairs are entrusted to third parties, they may only be performed after acceptance by Genesi Italia of the cost estimate for the repairs themselves.

Equipment may only be returned after authorization from Genesi Italia.

The warranty only applies to returned items and does not cover the cost of removing or re-installing the equipment from/into the system in which it is built.

Repairs, replacements or modifications to parts or equipment during the warranty period may extend the warranty itself.

Liability

6.4

Genesi Italia shall be liable, under ordinary-law terms, for material damage caused by its equipment or by its personnel.

Repairs of material damage attributable to the seller are expressly limited to a sum that will not exceed the value of the equipment involved, subject of the order.

The seller and the customer expressly agree to reciprocally refrain from requesting compensation for indirect and nonmaterial damages of any nature, such as loss of business, loss of earnings, delay expenses, reminder fees, removal and re-installation of equipment, loss of future contracts, etc.

Inspection and maintenance 6.5

As far as possible, before each use it is necessary to visually inspect the rescue slider. When in doubt, request an inspection by the installing company or a member of maintenance personnel that is qualified to perform this operation.

The Rescue slider RS02C requires maintenance within 12 months of installation and of the previous revision, since it is certified according to EN795:2012 and must therefore be considered Personal Protective Equipment.

The inspection must be performed by qualified personnel, authorised by Genesi Italia.

In case of a fall, the system must undergo mandatory maintenance by competent and authorised personnel, other than the system's users.

Competent court 5.6

The court of Bergamo, Italy shall have exclusive jurisdiction over any disputes relating to the terms and conditions mentioned above.

7. References.

Producer information notes 7.1

User & installation manual

Regulatory framework 7.2

Technical standards 7.2.1

EN ISO 14122-2:2010

Permanent means of access to machinery and working platforms, walkways.

EN 795:2012 Type B

Permanent anchor points.

Websites 7.3

www.genesibesafe.com

Distributor official website

www.europa.eu

European regulations

8. Producer & Distributor.

Producer 8.1

SAHC s.r.o.
Dolany 82, Pardubice
53345 - Czech Republic

Distributor 8.2

Somain Italia S.p.A.
via Donizetti, 109/111
24030 - Brembate di Sopra - Bg

9. Identity Card.

Maintenance Booklet

9.1

Model and Type of Equipment			
	Ref. Number		
Serial Number		Date of Manuf.	
User Name			
		Date of putting into operation	
Date of Purchase			
Periodic Examination and Repair Histoy			
	Date	REASON FOR ENTRY PERIODIC EXAMINATION OR REPAIR	DEFECTS NOTED REPAIRS CARRIED OUT AND OTHER RELEVANT INFORMATIONS
	1		
	2		
	3		
	4		
		NAME AND SIGNATURE OF COMPETENT PERSON	PERIODIC EXAMINATION NEXT DUE DATE

EC type examination carried out by **Szù s.p., Tovarni 5, CZ- 466 21, Jablonec Nad Nisou**



Genesi ia a brand of Somain Italia S.p.a.

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24030 Brembate di Sopra
Bergamo - Italy

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Genesi, sicuri per natura