

Eagle  *Nest2*



**Anchorage bipod
Model Eagle Nest 2**

Rel.01072019English



Ferno Technical Support

Customer Service and Technical Support are important aspects of every Ferno product. Before contacting us, note the serial number of the product and specify it in all written communications. For all queries concerning technical support, contact Ferno S.R.L.:

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Ferno S.R.L. is authorised to carry out preventive and corrective maintenance (repairs) on all Ferno products in exclusivity.

Any corrective action **MUST** necessarily be carried out by FERNO personnel and the operations must be carried out using original spare parts. In this way, the warranty is also extended to the components involved in the operation.

Any corrective action carried out by non Ferno personnel will automatically cancel any Civil Liability insurance and any guarantee.

Ferno Customer Service

For further details, please contact Ferno S.R.L.'s Customer Service:

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Limitation of liability

This manual contains general instructions on the use and maintenance of the product. The instructions do not cover all possible applications and operations. The user is solely responsible for proper and safe use of the product. The safety information is provided as a service to the user and ensures only the minimum required level of safety to prevent injury to operators and patients. Any other safety measure implemented by the user must comply with applicable regulations. Before using the product, it is strongly recommended that staff be trained in its correct usage. Retain this manual for future reference. In case of change of ownership, ensure that the manual remains with the product. Additional free copies can be downloaded online at www.ferno.it.

Intellectual property declaration

The information in this manual is the property of Ferno S.R.L. - Via Benedetto Zallone 26, 40066 Pieve di Cento (Bologna) Italy. All patent rights, design, construction, reproduction, use and sale rights relating to any item covered in this manual are the confidential and exclusive property of Ferno S.R.L., except for rights expressly transferred to third parties or not attributable to parties owned by the supplier.

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Limited warranty

Ferno products are covered by a 24-month warranty against manufacturing defects. For the full terms and conditions of warranty and liability, see chapter *Warranty*.

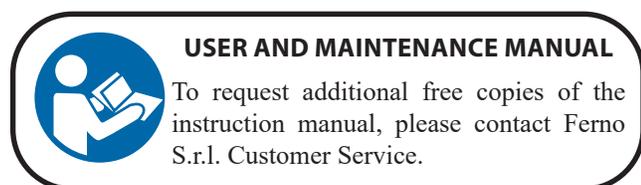


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1 - SAFETY INFORMATION

1.1 Warning

The danger symbols draw attention to potentially dangerous situations that, if disregarded, may result in accidents, damage and/or injury.


WARNING

Untrained users may injure themselves, cause damage and/or physical harm. Allow only trained and qualified staff to use the device.

Improper preparation of the device may cause damage and / or injury. Prepare and use the device as described in this manual.

Occasional assistants may cause damage and/or physical harm, or injure themselves. Always keep the device under control, activate the controls, and coordinate the assistants.

The operators must always be secured against the risk of falls from height using adequate fall arresting devices compliant with relevant regulations.

Improper maintenance may cause serious accidents, injuries and/or damage. Perform maintenance as described in this user manual.

Improper maintenance may cause serious accidents, injuries and/or damage. Perform maintenance as instructed in this user manual.

The use of improper and/or unauthorised devices may cause accidents, damage, and/or injury. Use only devices that have been approved and authorised by Ferno S.r.l.

Unauthorised modifications can cause injury and / or damage. Use the device only as approved by Ferno.

Unauthorised overhauls and repairs carried out by people not approved by Ferno S.r.l. will render all warranties null and void and may compromise the safety of the device.

Non-original spare parts and inadequate repairs may cause damage and/or injury. Use only original Ferno spare parts and refer exclusively to Ferno S.r.l.'s Customer Support.

A rescue plan must be prepared for any emergencies that could arise during work.

The operators' health conditions may affect the safety of the device user in normal and emergency conditions.

The user must inspect the device before and after each use.

The device must not be used in case of sharp edges on the head where the ropes are fixed.

1.2 Important

Boxes labelled "Important" contain important information on use and/or maintenance of the device.

Important

1.3 Blood-borne diseases

To reduce the risk of exposure to infectious diseases that may be transmitted by blood, such as HIV-1 or Hepatitis, follow the instructions on disinfection and cleaning in this manual carefully.

1.4 Load capacity

Observe the load capacity of the Eagle Nest device. Refer to section *General specifications*.

1.5 Glossary of symbols

The symbols used in this manual and/or on the device's labels are defined below.



Load capacity (in pounds, kilos and stone)



Danger: Risk of injury



Read the user manual carefully



Do Not Lubricate



Lubricate



The device requires at least two qualified operators for correct use.

1.6 Operator training

Operators who use the Eagle Nest must:

- Carefully read and understand all information in this manual.
- Attend a suitable training course on the use of the device.
- The operator must have received specific training on the emergency medical service and patient handling procedures in case of emergency.
- Possess the physical skills required to assist the patient.
- Record the training sessions on the form on page 24.
- Not disregard the use limits of the Eagle Nest 2 nor fail to comply with the intended use described in this manual.

1.7 Definitions

- **TRANSPORT BAG:** allows to carry the device once it has been disassembled and reconditioned
- **FOOT:** leg supporting system equipped with spherical joint, smooth bearing surface (with 14-22-40 mm diameter drills according to the type of pole) to fix the device on uneven or slippery surfaces
- **BASE COLLAR:** anchorage system at the base of the foot used to fix the rope or to support the recovery system
- **WIND BRACING ROPE:** textile fibre element that allows adjusting the bipod inclination and fixing it.
- **LEG - EXTRACTABLE ELEMENT:** first section of the leg assembled on the foot. It includes two telescopic tubes for height adjustment
- **LEG - FIXED ELEMENT:** second section of the leg fitted in contact to the head
- **HEAD:** upper connecting element for the legs and restraint system for the operator's suspension system
- **FALL PROTECTION ANCHORAGE POINT:** sole central anchorage point resulting from the combination of the holes on the elements of the head
- **SLIP PROTECTION ANCHORAGE SYSTEMS:** on rough and uneven surfaces where the base rope is not used, feet must be secured to the contact surface using adequately sized fixing systems to respect load constraints mentioned in this document.

1.8 Information and safety labels

Safety information and labels contain important information for the user:

- **EN 795:2012** - Tested according to standards EN795:2012, type A and CEN/TS 16415:2013 for use by three people.
- **MM/YY** - Month and year of manufacture.
- **Model/code** - Product code
- **Product** - Product type
- **Serial Number** - Unique product identification.
- **Manufacturer** - Name of the manufacturer.

			
 Read and fully understand operator's manual before using the product Tested according to: EN 795:2012 type A CEN/TS 16415:2013 type A  For 3 people use	Manufacturer: Ferno S.R.L.		
	Product: Bipod Anchor Device	Model/code: Eagle Nest 2	
	 MM/YY: _____	Serial Number: _____	
	 Legal headquarters and Commercial offices Via B. Zallone n. 26 ✉ • info@ferno.it 40066 Pieve di Cento [BO] Italy P +39 051 6860028 F +39 051 6861508		

			
Maintenance record:			
Date	Maintenance Performed	By	
Next maintenance date:			

Maintenance label

	
Manufacturer: Ferno S.R.L.	
Product: Bipod Anchor Device	Model/code: Eagle Nest 2
MM/YY: _____	
Serial Number: _____	
<small>Legal headquarters and Commercial offices Via B. Zallone n. 26 40066 Pieve di Cento (BO) Italy P +39 051 6860028 F +39 051 6861508 info@ferno.it</small>	

Packaging label

2- OPERATOR TRAINING AND SKILLS

2.1 Skills

Operators who use the device must:

- have adequate training knowledge to face the risks arising from preparation and use of the device.
- the personnel in charge must have gained adequate experience in a protected environment (training) to install and use this device.
- record the training sessions on the form on page 32.

2.2 Training

Operators are required to:

- Carefully read and understand all information in this manual.
- attend a suitable training course on the use of the device.
- invest time to specific training on how to use the device and repeat them over time even in case of frequent use.

Important

Ferno S.r.l. is not liable for damages caused to users and / or third parties arising from improper use of the device, or in case Eagle Nest is used with a device not approved by Ferno S.r.l..

WARNING

Any configuration unauthorised by Ferno S.r.l. could cause damage and/or serious injury. If used in a different configuration, contact the Technical Service team at Ferno S.r.l. directly. (see page 2).

WARNING

Untrained users may injure themselves, cause damage and/or physical harm. Allow only trained and qualified staff to use the device.

WARNING

Improper use of the device may cause damage and / or injury. Use the device as described in this manual.



The device requires at least two qualified operators for correct use.



Read the user manual carefully

3 - THE DEVICE

3.1 Description

EAGLE NEST 2 is a device made of titanium falling into the category of fixed anchorage devices, tested according to standards EN 795:2012 type A and CEN/TS 16415:2013 type A for the use by three people. All components of the anchorage system are manufactured and assembled in compliance with the strength characteristics set by the standard EN795:2012. The device is made up of different elements to be assembled according to the instructions given in this document.

The wind bracing rope (element number 9) is considered a component that does not require excessive maintenance and therefore a durable element that remains functional over time.

The material supplied with the device (see component list on the side) was found to be suitable for the loads applied to this device, recorded during the dynamic, strength and integrity tests.

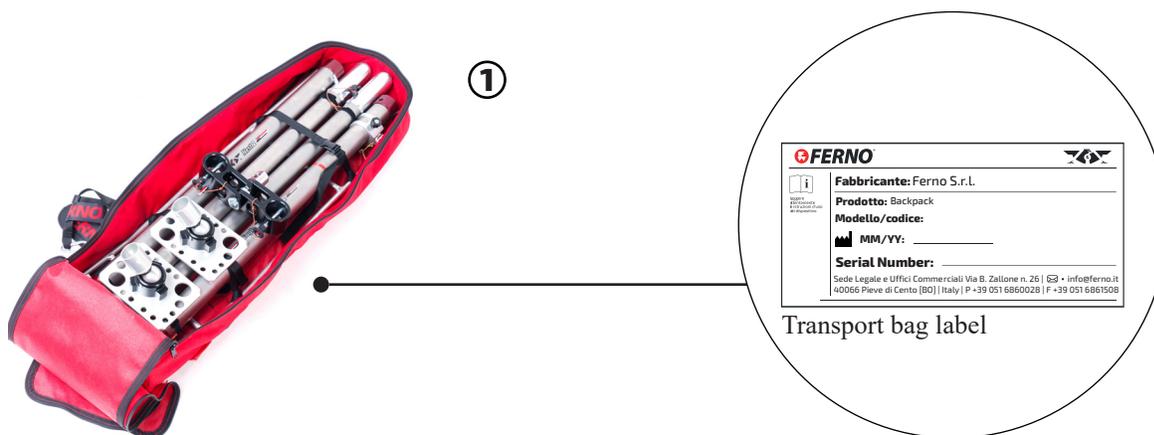
EAGLE NEST 2

LIST OF COMPONENTS

- Transport bag. ①
- No. 2 feet with ball joint (aluminium). ②
- No. 2 legs - extractable element made of titanium tubes ③
- No. 2 legs - fixed element made of titanium tubes ④
- No. 1 head (aluminium). ⑤
- No. 8 locking pins (zinc-coated iron). ⑥
- No. 1 zinc-coated steel head connector (carabiner code: 3C4650A) ⑦
- No. 1 steel anchorage, 30 cm (code 3A164030V5CTSTD) ⑧
- Dinghystar rope, 8 mm (code 7360540) ⑨
- User's manual

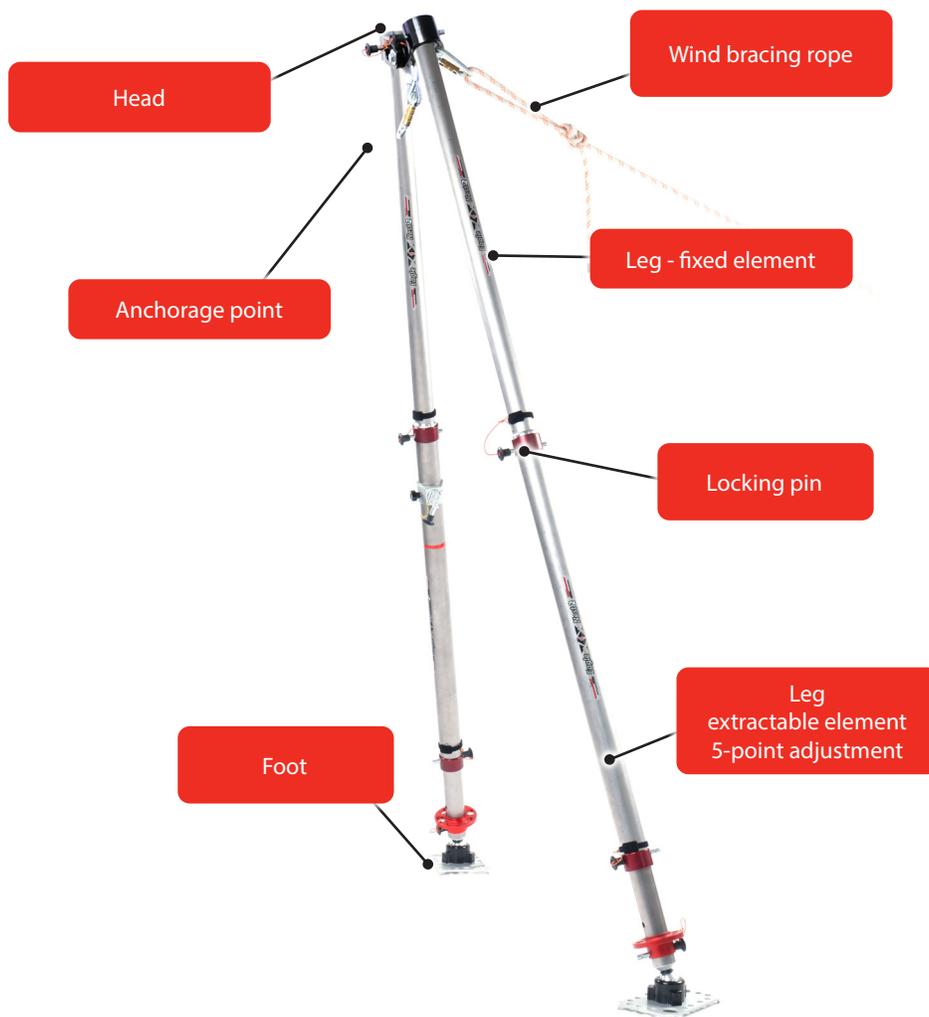


TRANSPORT BAG



4 - COMPONENTS (EAGLE NEST 2)

EAGLE NEST 2 FRONT VIEW



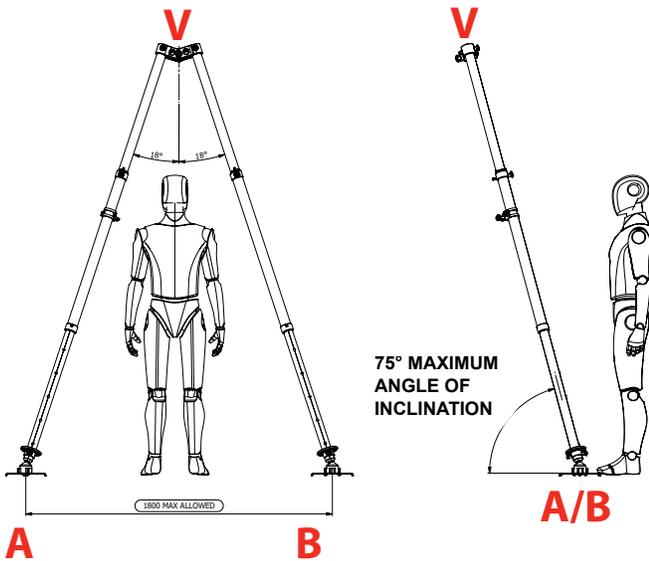
4.1 General specifications

General use:

- As anchorage device against falls from a height
- Requires fixing to the ground
- The surfaces must be even
- Protection against slipping (surface)
- The stability of the anchorage device must be guaranteed
- The head must always be at the centre of Eagle Nest 2
- The anchorage device may only be used for fall-arresting personal protective equipment
- A detailed check-list for the routine inspection of the device can be found on page 23

Specifications		
Load capacity (maximum 3 people)	3 KN	300 kg
Weight*	35.3 lbs	16 kg*
Operating dimensions		
Max. height (fifth hole)**	103 in	2615 mm
Min. height (first hole)**	71.3 in	1812 mm
Distance between A and B	70.9 in	1800 mm
**Each hole corresponds to a shift of 150 mm.		
Maximum angle		
75° maximum angle		
Volume: inside the transport bag		
1200 x 430 x 170 mm		
47.24 x 16.92 x 6.69 in		
*Without transport bag		

Eagle Nest Bipod



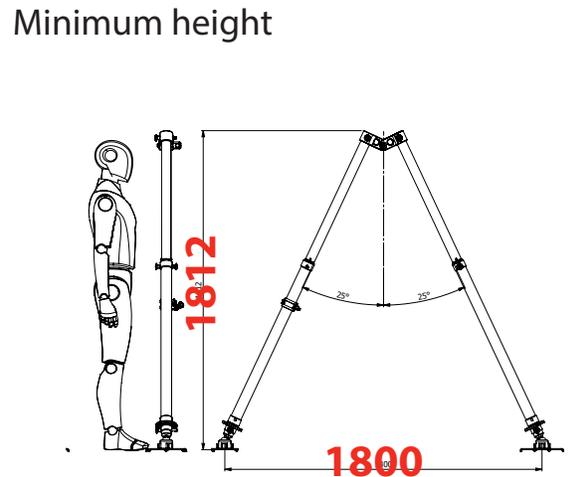
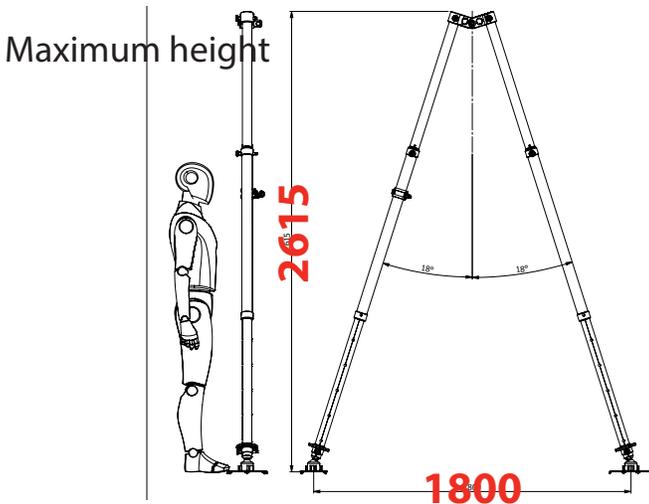
Load capacity

STATIC LOAD CONDITIONS APPLIED FOR CERTIFICATION TESTS

Never exceed the load capacity of the device. Inspect the device if the load capacity has been exceeded or if any anomalous stress has occurred.

Angle of inclination

AVOID TILTING THE EAGLE NEST 2 WITH AN ANGLE OF LESS THAN 75° PROJECTED INTO EMPTY SPACE.



5 - EAGLE NEST 2 CONFIGURATION

5.1 Initial setup

Before using the Eagle Nest device:

- Wear suitable anchorage device against foreseeable risks.
- Check good conditions of each element composing the device
- Components supplied with the device (see chapter 3.1, page 7).
- Warning about possible dangers arising from the use of equipment combinations where the safety function of one element is affected by or interferes with the safety function of another one.



WARNING

In a fall-arresting system, the harness EN 361 must be used in combination with an energy absorber EN 355 and a connector EN 362.

5.2 Leg positioning and assembly



Prepare the legs - fixed element considering the expected final layout.



Adjust the length of the leg - extractable element.



Lock the leg - extractable element - on the hole and insert the locking pin.



Follow the red line to find the hole and insert the pin quickly to adjust the bipod height.



Insert the leg - extractable element - inside the fixed element.



Lock the two elements with the specially provided pin.



Insert the foot.



Lock the two elements with the specially provided pin.



Repeat the previous operation for both legs - extractable element.

5.3 Head assembly

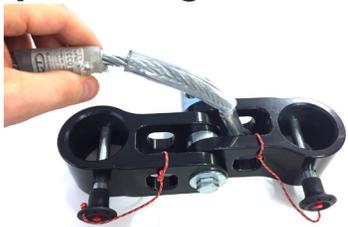


Lock the head on the leg holes and insert the pin.



Insert the head on the terminal end of the leg - fixed element and secure the elements with the specific pin.

5.4 Loop anchorage device installation



Insert the loop anchorage device steel cable into one of the two black forks of the bipod head.



Pass the steel cable around the centre pin connecting the bipod head.



Connect the steel cable loops under the bipod head using an EN362 steel carabiner connector as shown in the figure to the side.

WARNING

Upon each installation, check that the steel cable does not show any signs of wear and tear that could affect its use, in which case put the device out of use immediately.

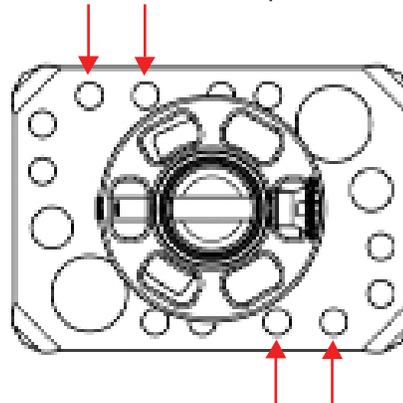
5.5 Eagle Nest 2 installation in the field

5.5.1 Foot installation

- Check that the surface, where the bipod is installed, is as flat as possible.
- Each foot of the bipod must be fixed with **at least 4** plugs with a diameter of 12 mm.
- Then drill 8 holes using a power drill with a 12 mm bit. The minimum basic configuration for a good tightness of the device is the one shown in the figure on the side “minimum and required fixing configuration”.
- The operator in charge of installing the device in the field must carefully check the strength of the material on which he/she intends to fix the feet. Before use, at the time of installation, check the correct installation by manually applying the test load.

Minimum and required fixing configuration

Install 12-mm diameter expansion bolt



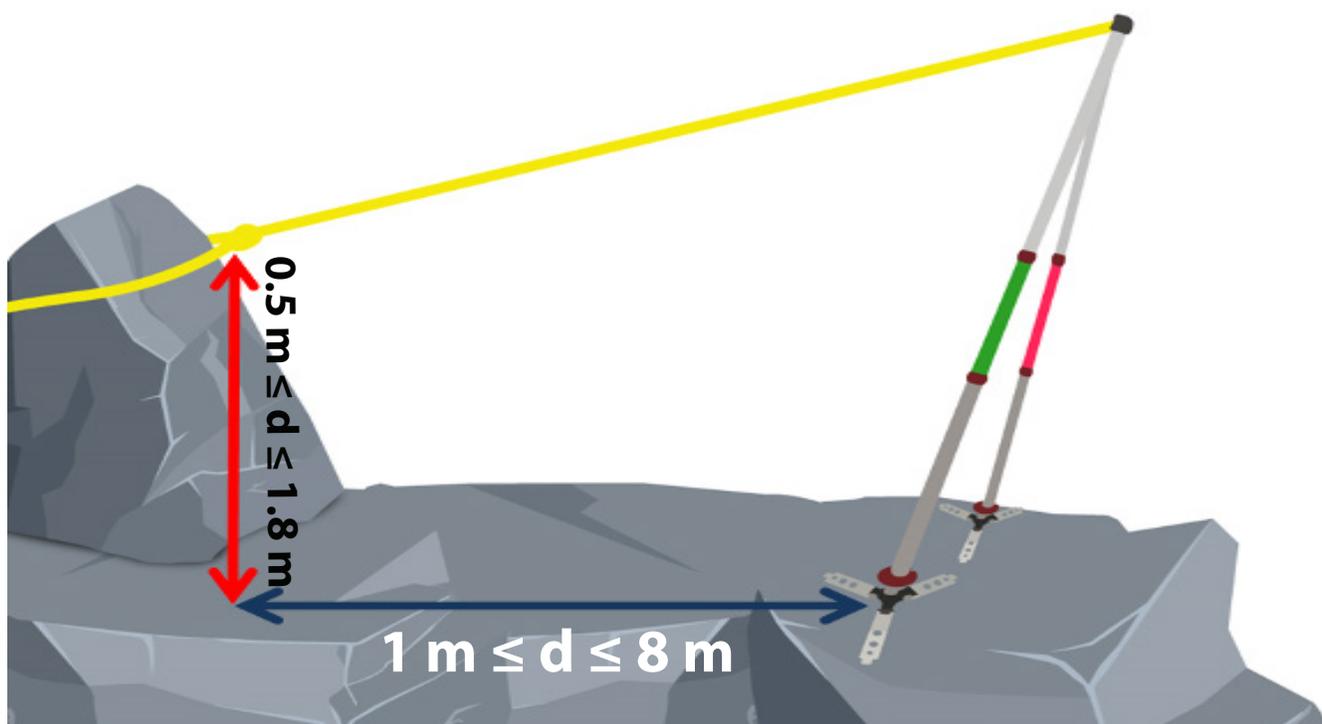
Install 12-mm diameter expansion bolt

5.5.2 Wind bracing rope installation

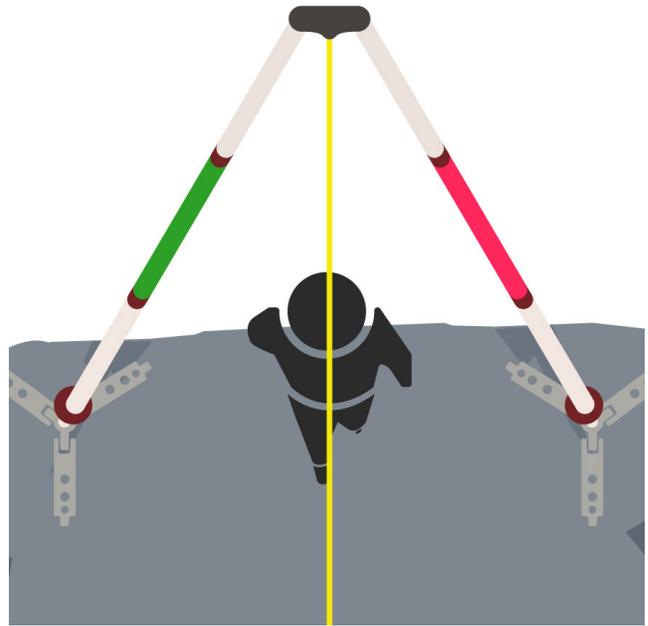
- Fix the wind bracing rope (element no. 9 on page 7) to the head anchor point (element no. 5 on page 7).
- The limit configuration within which the wind bracing rope can be installed is as follows:

Horizontal distance between bipod and fixing point indicated by the blue arrow (see image below) **between 1 m and 8 m**.

Vertical distance between the ground and the fixing point **between 0.5 m and 1.8 m**.

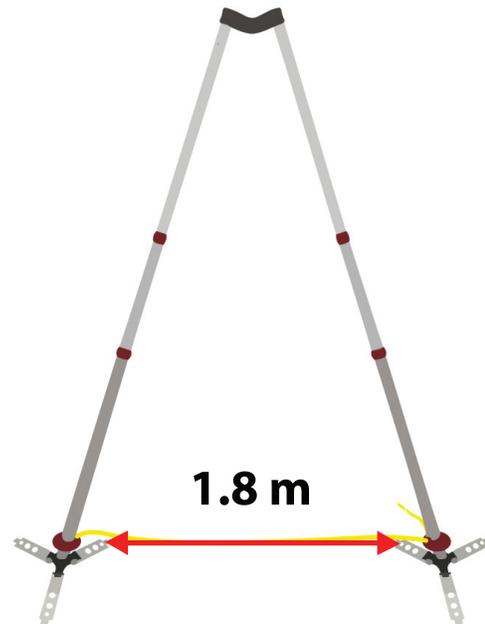


- Make sure that the wind bracing rope, after installation and positioning of the device, is always positioned centrally to the poles (see image on the side).



5.5.3 Distance between poles

- Install the feet of the bipod poles at a distance of **no more than 1.8 m** between the two joints.
- Take the above measurement between the two red flanges (see image on the side).



WARNING

Do not install the device if the difference in length between the two poles is more than 15 cm.

WARNING

The Eagle Nest anchorage device should only be installed by competent persons who are properly trained to install the device.

WARNING

In case of high loads, use the device adjusted in height to the fourth hole, thus without reaching the maximum extension (last leg adjustment hole).

6 - MAINTENANCE

6.1 Routine and preventive maintenance

The Eagle Nest is a technical device requiring regular maintenance, hence you are recommended to comply with the following schedule:

1. **ROUTINE maintenance:** must be performed by the Manufacturer at intervals not exceeding 12 months. Ferno engineers will issue a conformity certificate of the medical device after maintenance.

2. **ROUTINE inspection:** preventive inspection checks have to be performed by the user according to the table below. It has to be performed each time the device is used. We suggest that every 12 months the inspection is performed by a different operator.

Minimum preventive maintenance intervals	After each use	Every month
Disinfection		
Cleaning		•
Inspection	•	•
Lubrication - At least every 6 months		
Screw check - At least every 6 months		

3. **EXTRAORDINARY inspection:** must be performed after problems have occurred endangering the efficiency of the device. Its frequency cannot be foreseen. In these cases check the system following the list of possible problems as below:

Check-list of extraordinary inspection

If one of the following problems occurs the EAGLE NET must be temporarily dismissed:

- Identification data of the device cannot be read (e.g. serial number)
- Not all components are available at the same time as required by the information sheet
- The movement of the feet in the different ranges is blocked or even only limited
- Presence, even partial, of corrosion or dirt
- Signs of corrosion or contact with chemical reagents, solvents or fuels, especially in the textile fibre parts

- Wind bracing rope is not completely efficient

NOTE: the device can only be made available again to be used after the problem has been solved

If one of the following defects occurs, the EAGLE NEST must be discontinued:

- Presence of dents or signs of perforation, even minimum, in the leg tubes
- Presence of deformations which could alter the alignment of tubes composing the legs
- Difficult or impossible insertion or extraction of the locking pins
- Excessive play of the elements in the insertion points
- Signs of corrosion or contact with chemical reagents, solvents or fuels which could reduce resistance
- Modifications not authorized by the Manufacturer
- In case of arrest of a serious fall or , in any case, after any stress higher than the declared capacity

check-list for the routine INSPECTION Of the device

- Are all the components present?
- Does the device show signs of wear?
- Are all screws, bolts, and pins in place?
- Do all the moving parts work properly?
- Do all the locking devices work properly?
- Is the wind bracing rope in full working order and compliant with inspection requirements?

After the INSPECTION:

- *Doubts about the integrity of the device may be confirmed and therefore it must be discontinued;*

- *A positive assessment can be possible and therefore the device is made available again. However the overhaul must be written on the control sheet and the subsequent date for overhaul must be scheduled.*

WARNING

It is recommended to record the date of the next or last inspection on the device.

INSPECTION OF TEXTILE PARTS

Make sure that all textile parts and stitching are free from cuts, abrasion, frayed borders, wear, corrosion, burns and signs of chemical substances; also check that no thread is cut, frayed or loose; finger rope devices all along their length to check that their internal core is free from cuts, empty points, breaking, swelling (any problems in the core are invisible and can be caused by overexertion, local bends, dirt). During every use: check that the product works properly, and that any other component of the system is well connected and arranged; pay attention to the effects of humidity and frost, as they can compromise the device operation; avoid the contact with sharp edges and, if necessary, use protective equipment; for the operator's safety, the device or the anchorage point must always be correctly positioned and the operation must be performed so as to minimise risks.

4. **Repair:** extraordinary action to make the device available again for use. This action can only be carried out by the Manufacturer.

If the device undergoes particularly heavy use, maintenance of the Eagle Nest should preferably be carried out on a more frequent basis. If there are signs of wear and damage, discontinue use of the Eagle Nest and immediately contact Ferno's Technical Support Service. Ferno directly carries out repair maintenance operations, without the need of dealers, mechanics or external service centres. You are thus invited to be wary of those who present themselves as Ferno's authorised technician. We suggest you to directly contact our SOS service using the reference contacts.

6.2 Cleaning the device

1. Eagle Nest is highly resistant to corrosion. Therefore if you need to clean its metal parts you can use water, sponge, and detergents you commonly use everyday.

In case the movement of the joints of the feet is not fluid enough you can use silicone spray to facilitate it.

1. Clean the surfaces of the device with a cloth, warm water and a non-abrasive mild detergent.

2. If necessary, remove stains with a stiff bristle brush (not metal), or a light solvent, paying attention to the labels.

3. Dry with a cloth.

Do not wash with high pressure water or with water jets.

After cleaning, be sure to complete the device in all its parts, in case together with all the other accessories needed for use.

WARNING

**Let the device dry naturally, if it gets wet during use or cleaning.
Keep away from direct heat.**

WARNING

Improper maintenance may cause serious accidents, injuries and/or damage. Perform maintenance as instructed in this user manual.

Important

When not in use, store the device in an indoor environment that is dry and protected from direct sunlight.

Important

After disinfection / cleaning, ensure that the device and its components are completely dry before use.

Important

During cleaning and maintenance pay special attention in removing any textile or plastic component to avoid damaging it.

WARNING

**Lubricating the parts that do not have to be lubricated results in dust and particle deposits inside the lubricated parts and causes damage.
Only lubricate the ball joint of the foot.**

WARNING

For the use and cleaning of textile parts (ropes, rings, etc.) refer to the manufacturer's instructions.

Useful life

METAL PARTS: The useful life of the product is unlimited, provided that no specific cause damages it, and periodical inspections are carried out at least every 12 months from the first use date, with the relevant results recorded in the product sheet.

TEXTILE PARTS: The useful life is 10 years from their first use and in any case, even considering storage, it cannot exceed 12 years from the manufacture (e.g. year of manufacture 2014, useful life until the end of 2026). Such useful life is calculated provided that no specific cause damage the parts, and periodical inspections are carried out at least every 12 months from the first use date, with the relevant results recorded in the product sheet.

METAL / TEXTILE PARTS: The following factors may reduce the life of the product: intensive use, damage to product components, contact with chemical substances, high temperatures, abrasion, cuts, violent impacts, incorrect use or storage. When in doubt about the product's safety, contact FERNO or your dealer.

TRANSPORT: Protect the product from the risks mentioned above.

WARNING

Cleaning, maintenance or disinfection products, according to their intended use, must not have negative effects for the anchorage device or users.

WARNING

Unauthorised modification of device could cause serious damage, injury and / or unforeseeable operating problems. Do not modify or alter the device in any way.

WARNING

Non-original spare parts and inadequate repairs may cause damage and/or injury. Use only original spare parts and refer exclusively to Ferno Washington Italia Customer Support.

7 - TECHNICAL SUPPORT

Ferno Technical Support

Customer Service and Technical Support are important aspects of every Ferno product. Before contacting us, note the serial number of the product and specify it in all written communications. For all queries concerning technical support, contact Ferno S.R.L.:

E-mail	assistenza@ferno.it
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Any corrective action carried out by non Ferno personnel will automatically cancel any Civil Liability insurance and any guarantee.

7.1 Legal warranty

The legal guarantee is applicable to all products sold by Ferno S.R.L. and being so defined according to the law, it has to be fully referred to:

- Private Customers, namely subjects purchasing for purposes unrelated to their professional or business activity; the seller applies the Consumer Code. This guarantee includes product conformity defects and is reserved only to the private consumer (a natural person who buys products for purposes not related to his/her professional activity or purchased without indicating a VAT number reference). The legal warranty is valid for 2 years from delivery of the goods and covers product conformity defects, which must be reported within 2 months from discovery. In the event of a conformity defect, Ferno S.R.L., at no cost to the Customer, shall restore the product conformity by repairing/replacing the product or reducing of the price, until the termination of the contract, in any case always in accordance with current legislation.
- Professional Customers, purchasing with a VAT number; the legal guarantees referred to in articles 1490 et seq. of the Italian Civil Code will apply. (the action is statute-barred within 1 year of delivery, under the conditions of law, with notification of the defect within 8 days of discovery).

7.2 Conventional warranty

- The goods produced by Ferno S.R.L. are covered by this conventional warranty.

- By virtue of this conventional warranty, Ferno S.R.L. guarantees its products against manufacturing defects for a period of 24 months; this conventional warranty is reduced to 12 months for spare parts and 90 days for external finishing such as gelcoat/resin, paint, powder coating, decals, ribbons, writings, etc.. This conventional warranty starts from the date of shipment of the product indicated on the Ferno S.R.L. transport document.

- During the conventional warranty period, Ferno S.R.L. will repair and/or replace any parts found to have manufacturing defects free of charge.

- Repairs are performed by trained technical staff at the Ferno S.R.L. site in Via Zallone 26- 40066 Pieve di Cento (BO), Italy or at the Customer's premises if suitable arrangements with Ferno S.R.L.'s Customer Service have been made.

- Repairs at the Customer's premises must be agreed and include the payment of labour costs and expenses incurred. For information on the costs of technical support, please contact the relevant department at Ferno S.R.L.

- The warranty does not cover consumables or parts subject to wear and tear due to normal use of the product, all parts typically subjected to sliding or rolling friction (bearings, brushes, lubricants, shoes, tracks, etc.), parts potentially exposed to oxidation or corrosion (copper or metal alloy contacts, electrical, electronic and mechanical equipment), and batteries.

- Repairs are guaranteed for 6 months from the date of repair. This warranty applies only when the product is used according to the instructions in the user manual provided. Misuse and negligence invalidate this warranty.

- However, warranty does not cover travel, shipping, transport and packing costs.

- Ferno S.R.L. is not liable for damages incurred during shipment or due to misuse of the product.

- The warranty is rendered null and void in the case of:

- failure to observe the operating instructions;
- misuse;
- inappropriate use or handling;
- repairs by non-authorised persons;
- damage during transport due to improper packaging of items returned by the user;
- inadequate maintenance;
- failure to use original spare parts.

- Products sold by Ferno S.R.L., but not bearing the "Ferno" trademark, retain any conventional guarantees of the product manufacturer. Ferno S.R.L. does not extend the warranty periods of other manufacturers; Ferno S.R.L. assumes no responsibility for products manufactured by other manufacturers (without prejudice to legal warranties).

7.2.1 Limitation of liability

- With regard to the conventional warranty, if a product proves to be defective, Ferno S.R.L., at its discretion, will repair, replace or refund the purchase price.

- Under no circumstances can Ferno S.R.L. be held liable for more than the selling price of the product.

- The buyer accepts these conditions for all types of damage.

- Ferno S.R.L. does not offer other warranties, either express or implied, or any implied warranties of saleability or fitness for a particular purpose for its own products, or those manufactured by others.

- Ferno S.R.L. reserves the right to terminate the warranty of the products sold:

- if the labels or plates bearing the Manufacturer's logo and/or the serial or registration number are rendered illegible or removed;
 - if the product has undergone modifications, repairs or treatment not authorised by Ferno S.R.L. and by staff not authorised by Ferno S.R.L.;
 - if the product is not used in compliance with the instructions, or for purposes other than those for which it was designed.
- further to the conditions indicated in section "Warranty Terms and Conditions".

- Ferno S.R.L. cannot, in any event, be held liable for direct or indirect damage due to usage that is non-compliant with the instructions in the user manual or the intended purpose of the product.

7.2.2. Warranty claims and complaints

- Contact Ferno's Customer Service immediately if you receive a product that is defective or suspected to be defective.

- Any complaint must be communicated to Ferno S.R.L. within 5 days of receipt of the product or of discovery of the alleged defect.

- The Customer Service will assist the customer through the complaints procedure. Before returning a product to Ferno S.R.L., contact Ferno's Customer Service to request authorisation.

- Claims or disputes regarding a single product shall not release the buyer from the obligation to collect and pay for other products in the order, unless otherwise agreed with Ferno S.R.L..

7.2.3 Return authorisation

- No product will be accepted without the prior approval of Ferno S.R.L.

- Products returned for business reasons, or for reasons not relating to nonconformity, will in case be accepted in accordance with the law only after verification of their condition by Ferno S.R.L. personnel.

8 - MAIN RULES FOR USAGE OF THE EAGLE NEST AND OF FALL-ARRESTING ANCHORAGE DEVICE

- *The anchorage device must be used by duly trained and informed personnel.*
- *The anchorage device cannot be used by personnel judged unfit further to a technical evaluation or by inadequately trained personnel.*
- *All the personnel using the anchorage device must know the procedures for use and for evacuation required and agreed between the parties.*
- *Any modification to the device without the written consent of the Manufacturer is forbidden.*
- *Any repair to the devices must be performed by the Manufacturer or by a Centre authorised by the Manufacturer.*
- *The anchorage device must be used only for the purposes for which they have been designed.*
- *The anchorage device must be used in compliance with ergonomic and sanitary requirements stipulated by the regulations in force.*
- *Before using the device a functional check of the different assembled elements must be performed. This check will have to be performed by one of the operators who will use it. The operator has to be adequately trained on how to use the device correctly.*
- *All anchorage devices must be checked according to the recommendations of the reference standard and they will have to be found in excellent working conditions to avoid any failure or breakage when in use.*
- *During the inspection phase all anchorage devices must be checked, paying particular attention to signs of damage due to wear and tear, shocks, corrosion, cutting or any other cause for malfunctioning according to the instructions of the Manufacturer. With special reference to:*
 - *Harness*
 - *Fall-arresting systems*
 - *Recovery systems*
 - *Positioning systems*
 - *Ropes, slings, webbings and possible tangles*
 - *Connectors and any accidental contacts or torsions*
 - *Any other system involved with the use of the EAGLE NEST*

The anchorage device must be periodically inspected by the Manufacturer or by personnel authorised by the Manufacturer for periodical inspection and maintenance. The frequency of periodical inspections must not exceed 12 months. The inspection must be carried out on each element accurately to prevent any cause for malfunctioning. Special attention must be paid to damages due to wear and tear, shocks, corrosion, cutting or any other cause for expected malfunctioning. The result of the inspection will have to be recorded in the specially provided control sheet and the subsequent date for inspection will have to be scheduled.

• *The frequency of the periodical inspections is fundamental for the conditions of the device and for the safety of the operators, which depends on the conditions of the device as far as resistance and good functioning are concerned.*

• *During the periodical inspection all markings must be checked and they have to be readable.*

• *All the information regarding the device (name, serial number, date of purchase, date of first use, name of the user, information regarding maintenance, repair, inspections and decommissioning) must be recorded in the control sheet. The owner of the device will be held responsible to enter the data in the specially provided control sheet,*

WARNING

For safety reasons, it is fundamental that the anchorage device or another point are always well positioned, and that the operation is carried out so as to minimise the risk of potential falls and the potential falling height.

WARNING

For safety reasons, before each use it is fundamental to check the free space requested by the user on the workplace so that, in case of falls, there is no impact with the ground or other obstacles on the way down. Refer to table on page 25.

to be performed by the personnel in charge of this. The use of the anchorage device is forbidden if the relevant control sheet has not been duly filled in.

The device must be equipped with adequate instructions for use made by the Manufacturer, to be written in the language of the country where it has been sold. In case, the translation of the instructions for use in a language different from that of the Manufacturer will be at the reseller's charge. The manual must include instructions for use, for preservation, for periodical inspection and for repairs in the official language of the country where the device will be used.

• The anchorage device must be immediately discontinued in case of any doubt concerning their functional integrity. It is only possible to make the anchorage device available again on condition that the Manufacturer or personnel appointed by the Manufacturer performs a detailed inspection and updates the control sheet.

• The fall-arresting anchorage device must be discontinued and destroyed (or dismantled) after a fall arrest.

• The only anchorage device permitted for protection against falls from a height is the complete body harness compliant with EN 361 and connected to the provided points for fall arrest. It is forbidden to connect it to points which are not those provided for fall arrest or which are only partially considered suitable for fall arrest.

• The fall-arresting anchorage point (compliant with EN 795) must always be above the user. This point must always guarantee stability and limitation of free fall to the minimum. The form and the construction of the anchorage point of the device must guarantee a permanent connection of the devices and cannot cause its accidental detachment.

• It is compulsory for the user to evaluate the most adequate fall-arresting system to be used, considering also the air draught in the specific working setting.

• During all the useful life of the device the users must take care of constantly controlling correct operation also considering the specific situations of use.

• The devices must be transported, stocked and kept according to the Manufacturer's instructions.

• The EAGLE NEST must be transported in the specially provided bag with which it has been sold.

• The EAGLE NEST must be stocked inside the specially provided bag with which it has been sold. Before the parts can be put and stocked inside the bag they must be dried.

- When used by a single operator, the maximum transmitted load is 9 kN, and when used by multiple operators (up to 3) the maximum transmitted load is 12 kN.

- When the anchorage device is integrated in a fall-arresting system, the user must be equipped with a system to limit the dynamic force generated by the user during the fall arrest up to 6 kN maximum.

Important

Pay attention and inspect the device components once again when one of the following conditions occurs:

- extreme temperatures, out of the operating range
- 40 °C ÷ + 50 °C
- contact with chemical substances
- clear abrasion of the components
- components with sharp edges that could cut the ropes

Important

Should the product be resold out of the original installation country, it is crucial for the user's safety that the reseller supplies all instructions for use, maintenance, periodical inspection and repair in the language of the country where the device will be used

The Eagle Nest has been submitted to a dynamic resistance and integrity test. This table shows the peak displacement values. These data allow the user to calculate the minimum air draught under their feet so that any impact is avoided on the way down. Keep in mind the following data.

Leg configuration	Peak strength (kN)	Maximum deflection (mm)	Residual deflection (mm)
Symmetrical	12	40	30
Asymmetrical	12	35	23

INSPECTION SHEET

DEVICE INSPECTION SHEET		
IDENTIFICATION		
Product: Eagle Nest	Manufacturer: FERNO	
Purchased on:	First used on:	Expiry date:
Year of manufacture:	Serial number:	Batch number:
User:	Company:	
INSPECTION CHECK-LIST		
<p><u>If one of the following problems occurs the EAGLE NET must be temporarily dismissed:</u></p> <ul style="list-style-type: none"> p. Identification data of the device cannot be read (e.g. serial number) q. Not all components are available at the same time as required by the information sheet r. The movement of the feet in the different ranges is blocked or even only limited s. Presence, even partial, of corrosion or dirt t. Signs of corrosion or contact with chemical reagents, solvents or fuels, especially on the textile parts u. The base rope is not completely efficient <p>NOTE THE DEVICE CAN ONLY BE USED AGAIN AFTER THE PROBLEM HAS BEEN SOLVED.</p> <p><u>If one of the following defects occurs, the EAGLE NEST must be discontinued:</u></p> <ul style="list-style-type: none"> w. Presence of dents or signs of perforation, even minimum, in the leg tubes x. Presence of deformations which could alter the alignment of tubes composing the legs y. Difficult or impossible insertion or extraction of the locking pins z. Excessive play of the elements in the insertion points aa. Signs of corrosion or contact with chemical reagents, solvents or fuels which could reduce resistance bb. Modifications not authorized by the Manufacturer cc. In case of a serious fall or after any stress higher than the declared capacity 		

Product User and Maintenance Manual, required to operate the product safely, maintain its efficiency and reliability, and comply with the terms of the warranty.

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