

PVC stretcher, 6 / 8 Handles

Rel 231215
English (UK)



*Read this manual
carefully and keep it
for future reference.*

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 Washington Italia s.r.l.:

Telephone (toll-free, Italy only)	800 501 711
Fax	+39 0516861508
Email	info@ferno.it

Ferno Customer Service

For assistance and further information, contact Ferno Washington Italia s.r.l.'s Customer Services:

MANUFACTURER

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40066 - Pieve di Cento (BO) - ITALIA

Telephone (toll-free in Italy)	800 501 711
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USER AND MAINTENANCE MANUAL
To request additional free copies of the instruction manual, please contact Ferno Washington Italia's Customer Services.

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 obtained from Ferno Washington Italia's Customer Services.

Intellectual Property Declaration

The information in this manual is the property of Ferno Washington Italia s.r.l. of Via Benedetto Zallone 26, 40066 Pieve di Cento (BO), Italy.

All patent rights, design rights, construction, reproduction, use and sale relating to any item covered in this manual are the confidential and exclusive property of Ferno Washington Italia s.r.l., except for rights expressly transferred to third parties or not attributable to parties owned by the supplier. It is prohibited to reproduce this manual, either in full or in part, without the prior consent of Ferno Washington Italia s.r.l.

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 the Warranty chapter.

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.

Important

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

Important

 **WARNING**

Incorrect use of the device may result in damage and/or injury. Use the device as instructed in this manual.

SAFETY INFORMATION

Warning

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

WARNING

Untrained users may injure themselves, cause damage and/or physical harm. Use of the device must be entrusted to trained and qualified personnel only.

Before you putting the PVC stretcher in regular service, users should read this manual carefully, follow the instructions contained within, and become familiar with the correct procedures for use and maintenance.

Casual assistants may cause damage and/or physical harm, or injure themselves. Always maintain control of the device, operate the controls, and coordinate any assistants.

Use the PVC stretcher only when it is in perfect working condition and is maintained in accordance with this manual.

An unassisted patient is at risk of injury. Never leave the patient alone, and always assist the patient during use of the device.

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

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

Unauthorised repairs, or repairs carried out by people not approved by Ferno Washington Italia, will render all warranties null and void and may compromise the safety of the device.

Exceeding the maximum load may cause damage to persons or property.

Safe usage of the PVC stretcher requires at least two operators in good physical condition. Unusual circumstances, or overweight patients, may require the use of additional personnel, to ensure patient comfort and safety.

Improper use or maintenance may cause damage to persons and property. Use and maintain the PVC stretcher only as prescribed in this manual. Use only spare parts and assistance from FERNO.

Disinfectants or improper cleaners may damage the PVC stretcher, creating dangerous situations. Always follow the instructions.

- Use a dryer may damage the PVC stretcher. Always allow to air dry.

- Keep this manual to hand for consultation and to support personnel training. When selling, or transferring, to a new user, always include the manual with the unit.

OPERATOR TRAINING AND SKILLS

Skills

Operators using the device must:

- have experience in the specific field of handling and transportation of patients.
- possess appropriate skills to assist patients.
- be aware of SAR assistance procedures.

Training

Operators are required to:

- read and understand all information in this manual.
- attend a suitable training course on the use of the stretcher.
- practice with the stretcher before using it in real situations with patients.
- log the training sessions. An example of a form for logging the training sessions is included in this manual
- Follow a training programme designed by those responsible for staff training.

Description

PVC stretchers are intended for transport to the main stretcher/trolley, or for transfers from same to the patient's bed, of patients without spinal trauma.

In some cases, during rescue manoeuvres, it may be necessary to move the patient in confined spaces, or stairs, which do not allow the use of common transport devices.

The device must be used by trained and qualified personnel, and is for professional use only, by a minimum of two qualified operators. More operators may be required depending on local protocols.

Additional assistance may be required to handle heavy patients and/or when the situation demands it, and should always be provided according to local health protocols.



Read the user manual carefully



A minimum of two qualified operators are required to use the device.

CE Compliance

MEDICAL DEVICES DIRECTIVE

Ferno's products meet the requirements of European Directive 93/42/EEC concerning medical devices.

For further information: www.ferno.it



Load capacity

Respect the load capacity of the device.



130 kg

Loading capacity

Inspect the transport system if you have exceeded the carrying capacity.

General technical specifications

Ferno reserves the right to update the manuals without notice. For more details, please contact Ferno's Customer Service.

Specifications		
Handles		8/6
Loading capacity	286 lbs	130 kg
Weight**	4.4lbs	2 kg
Length		
Total	73 in	1850 mm
Width		
Total	28 in	720 mm.
Materials		
Structure	PVC, high capacity	

WARNING

Untrained users may injure themselves, cause damage and/or physical harm. Use of the device must be entrusted to trained and qualified personnel only.

USING THE PVC STRETCHER

Before using the device

The personnel who will use the device must have read and understood the information in this manual.

Before any operation with the stretcher, ensure that:

- it shows no signs of damage and wear, and is fully operational.
- check that the weight to be moved does not exceed the capacity of operators; use additional help if needed.
- that it is totally decontaminated
- that has no tears or worn areas

Instructions for use

- This manual does not provide any medical instructions.
- It is the responsibility of the operators to follow correct procedures and ensure the safety of both the patient and themselves.
- This manual explains the use of the stretcher in an ideal situation and is purely indicative.
- The device must be used by a minimum of two or more trained and qualified operators.
- The operators must work together and maintain control of the device during all operations.
- Follow procedures while complying with standard protocols for handling the patient in an emergency.
- Lift only the weight that you can safely support. Obtain additional help when working with heavy loads
- Always follow the instructions and local health protocols.
- Always assist the patient and never leave the patient alone during operations involving the device.



WARNING

Incorrect use of the device may result in damage and/or injury. Use the device as instructed in this manual.

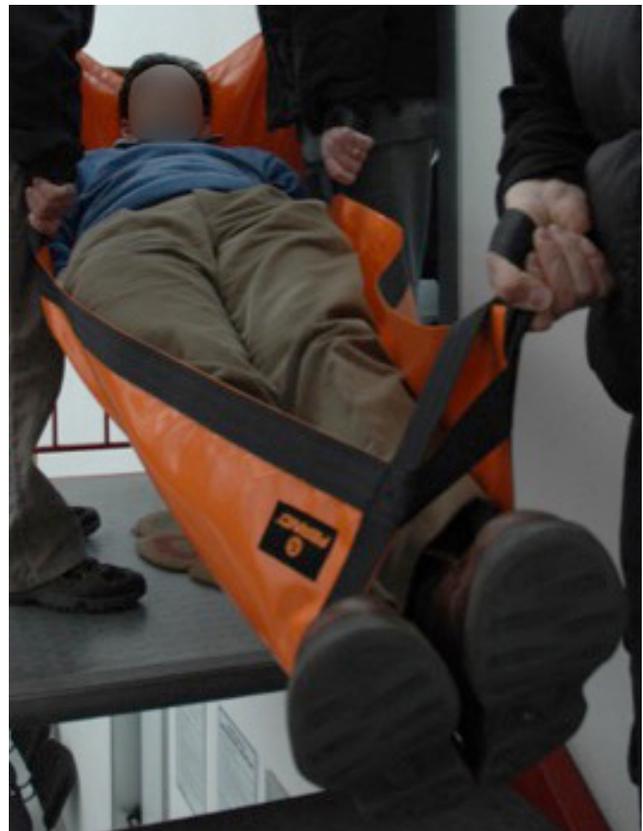
Usage

1. Lay the stretcher beside the patient with the carrying handles on the outside
2. Position the patient on the stretcher with the aid of load-moving techniques, or using the Scoop EXL stretcher.



Correct position of the three operators when lifting a patient on PVC stretcher with 6 handles

1. the two operators working at the head end grasp one handle in each hand.
2. The operator at the foot end passes one handle through the other and grasps only one handle.



Correct position of the three operators when lifting a patient on PVC stretcher with 8 handles

1. the two operators working at the head end grasp one handle in each hand.
2. The operator at the foot end passes one handle through the other and holds two handles.



Handle

Insert your hand with the palm facing down, making sure that the band adheres precisely with the back, and tighten your grasp. Make sure that there are no obstructions that prevent a good grip.



WARNINGS

Casual assistants may cause damage and/or physical harm, or injure themselves. Do not let occasional helpers carry out preparation of the device. Take extreme care when using the stretcher.

Use of the stretcher in a "safe" environment

The operators must lift and carry the stretcher, making use of assistants to help them avoid obstacles or difficult terrain.

- Before lifting the device, ensure the patient is in the centre of the stretcher.
- Ferno recommends that the two operators are arranged opposite each other while carrying the stretcher on stairs, and that a third trained operator is positioned at the foot end using the handles as described under "Usage". Follow applicable transport protocols. Seek additional help if necessary.
- Use the stretchers with a minimum of 3 trained operators trained in good physical condition

Stretcher with 6 Handles

1. **Make sure there are no obstructions before starting the transport stage**
2. **Both operators:** must hold the handle with palms facing down, adjust the strap correctly over the back of the hand, then grip tightly.
3. **Operators at the head end:** Hold the end and middle handles
4. **Operators at the foot end:** Hold the end handles.
5. **Both operators:** Gently lift the patient and begin moving. At the end, lay the patient carefully on the transport device, or on the ground.
- 6.

8-Handle Stretcher

7. **Make sure there are no obstructions before starting the transport stage**
8. **Both operators:** must hold the handle with palms facing down, adjust the strap correctly over the back of the hand, then grip tightly.
9. **Operators at the head end:** Hold the handles at the ends and the middle
10. **Operators at the foot end:** Grasp the centre handles and the ends, after passing them one inside the other.
11. **Both operators:** Gently lift the patient and start moving. After the move, lay the patient carefully on the transport device, or on the ground.



WARNING

Casual assistants may cause damage and/or physical harm, or injure themselves. Always maintain control of the device, operate the controls, and coordinate any assistants.

Additional assistance

Operators must be physically able to assist the patient.

Users should read this manual and become fully familiar with the procedures described therein.

Operators must become familiar in the use of the PVC stretcher before using it in real situations with a patient.

Users must follow a training plan approved by the person in charge of training in emergency medical services.

Operators must be tested to verify their correct training.

Keep a record of exercises performed. An example of a form for logging the training sessions can be found at the end of this manual.



WARNING

The use of incorrect or unsuitable items with the stretcher may cause injury.

MAINTENANCE

Routine maintenance

A periodic inspection and maintenance are essential to preserve the efficiency of the product and prolong its life. Establish a program of maintenance and periodic inspection.

Keep a record of the maintenance activities carried out. An example of a form for logging the training sessions can be found at the end of this manual.

Inspect the stretcher at least once a month, and more frequently if the product is subject to particularly demanding conditions of use. The inspection should include a search for anything that could compromise the integrity and the proper functioning of the stretcher.

When conducting the inspection, the same tests under "Check before commissioning" must be performed.

Also check that none of the straps or handles are worn or frayed. If you find damage, immediately put the product out of service until it has been repaired or replaced.

Routine maintenance is minimal. After each use, wash the stretcher in cold water and mild detergent.

Use a FERNO-approved disinfectant on the PVC stretcher and allow it to air dry. DO NOT MACHINE DRY.

If there are signs of wear and damage, discontinue use of the device and immediately contact Ferno's Technical Support Service.

Minimum maintenance intervals	After each use	Whenever necessary	Every month
Disinfection	•	•	
Cleaning		•	•
Inspection	•	•	•

Disinfection / Cleaning / Storage

1. After each use, clean with a non-abrasive cloth and disinfectant, or mild detergent, in warm water, then rinse thoroughly.
2. Do not put the device directly in the disinfectant.
3. During disinfection, ensure there are no signs of wear and/or damage.
4. Dry with a cloth. Ensure all the components of the device are completely dry before reusing them.

It is advisable to wear suitable gloves (e.g. household or disposable gloves) during disinfection.

After being cleaned, the stretcher must be folded before storing.

Store in a cool, dry place.

Important

The use of products containing chlorine, phenols and iodine may harm the product. Do not use products containing these agents for cleaning/disinfection.

Important

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

TECHNICAL SUPPORT

Technical Support Service.

For technical support concerning our products, please contact Ferno Washington Italia's Technical Support Service.

Telephone (toll-free, Italy only)	800 501 711
Phone	+39 0516860028
Fax	+39 0516861508
Email	info@ferno.it
Website	www.ferno.it

For information on use of the Ferno device, and to schedule training courses on correct use of the device, contact Ferno Washington Italia's Customer Service.

WARNING

Non-original spare parts and inadequate repairs may cause damage and/or injury. Use only Ferno original parts and contact only Ferno Washington Italia's Customer Support.

WARNING

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

Warranty Conditions

Ferno's products are guaranteed against manufacturing defects for a period of 24 months from the date on the Ferno Washington Italia s.r.l. shipping document.

Ferno Washington Italia guarantees its replacement parts for a period of 12 months.

During the warranty period, Ferno will repair and/or replace any parts found to have manufacturing defects, excluding the costs of: manual labour, travel, transport, and packaging.

The warranty does not cover consumables or parts prone 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, mechanical equipment).

The surface finishes (gelcoat/resin, paint, powder paint, decals, tape, printing, etc.) are guaranteed for 90 days.

Repairs are performed by trained technical staff at the Washington Ferno Italia s.r.l. site in Via Zallone 26- 40066 Pieve di Cento (BO), or at the Customer's premises if suitable arrangements with Ferno Washington Italia's Customer Services have been made.

Technical support at the Customer's premises must be arranged beforehand and involves a refund of costs incurred and documented on request.

For information on the costs of technical support, please contact the relevant office at Ferno Washington Italia s.r.l..

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 invalidates this warranty.

The warranty is valid from the day the product is shipped from Ferno Washington Italia s.r.l., and the shipping rates are not covered by this warranty. Ferno Washington Italia s.r.l. is not liable for damages sustained during shipment or due to misuse of the product.

Products sold by Ferno Washington Italia s.r.l. that do not bear the Ferno trademark are covered by the warranty of the original manufacturer. Ferno Washington Italia s.r.l. does not extend the periods of warranties of other manufacturers; Ferno Washington Italia s.r.l. assumes no responsibility for products manufactured by others.

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

- Failure to observe the instructions on use,
- 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.

In cases not covered by the warranty, Ferno Washington Italia does not bear the transport costs for sending or returning the product.

WARRANTY

Limitation of liability

If a product is found to be defective, Ferno Washington Italia s.r.l. will repair and replace it, or, at its own discretion, refund the purchase price. Under no circumstances can Ferno Washington Italia s.r.l. be held liable for more than the sale price of the product. The buyer accepts these conditions for all types of damage. Ferno Washington Italia s.r.l. does not offer other warranties, either express or implied, or any implied warranties of merchantability and fitness for a particular purpose for its own products, or those manufactured by others.

In case of infringement of the limited warranty, any legal actions must be filed within one year from the date on which the infringement was, or should have been, discovered. Ferno Washington Italia 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 unauthorized by Ferno Washington Italia, and/or by personnel not authorized by Ferno Washington Italia;
- If the product is not used in compliance with the instructions, or for purposes other than those for which it was designed.
- as indicated in the "Warranty Terms & Conditions" section.

Ferno Washington Italia 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.

Warranty claims

Contact Ferno's Customer Service immediately if you receive a product that is suspected to be defective. A representative will assist the customer through the complaints procedure. Before returning a product to Ferno Washington Italia s.r.l., contact Ferno's Customer Service to request authorisation.

Complaints

Any complaints must be communicated to the reseller, or to Ferno Washington Italia s.r.l.'s Customer Service, within 5 days of receipt of the product or of discovery of the alleged defect.

Claims or disputes regarding a single product does not release the buyer from the obligation to collect and pay for other products in the order, unless otherwise agreed with the seller.

Return authorisation

No product will be accepted without the prior approval of Ferno Washington Italia s.r.l..

Products returned for business reasons, or for reasons not relating to lack of conformity of the product, will be accepted only after verification of their condition by Ferno Washington Italia s.r.l. qualified personnel.

Product User and Maintenance Manual, required to operate the product safely, maintain its efficiency and reliability, and ensure the validity of the warranty.

**Rel 231215
English (UK)**

Ferno Washington Italia s.r.l.

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