



This limited warranty applies when you use and care for the product properly. If the product is not used and cared for properly, the warranty is void.

The warranty period begins the day the product is shipped from Ferno or the day you receive it if you have proof of the delivery date. Shipping charges are not covered by the limited warranty. We are not liable for shipping damages or damages sustained through using the product. If a defect is found after the product has been placed in service, DO NOT return it to KAYA SAFETY.

### 1.2.2 Limitation of Liability

If a product or part is proven to be defective, Ferno will repair or replace it. At our option, we will refund the product's purchase price. In no event is Ferno liable for more than the selling price of the product.

The purchaser accepts these terms in lieu of all damages.

**Except for the limited warranty above, KAYA makes no other warranties, either expressed or implied. Ferno makes no implied warranties of merchantability and fitness for a particular purpose. In no event will Ferno be liable for any indirect or consequential damages sustained in connection with the delivery, use, or performance of its products.**

Any legal action for breach of the limited warranty must be filed within one year of the date the breach of warranty is or should have been discovered.

### WARNING

Only qualified personnel trained in the use of the Neil Robertson Rescue Stretcher should use it. Never exceed the maximum load capacity.

Every individual who may use the Neil Robertson rescue Stretcher should practice using it to become familiar with the procedures before placing it in service.

Improper lifting can cause injury. Always use recognised lifting techniques. Leg and ankle securing is essential if the casualty is to be suspended at all.

### 1.3 Product Description

The Neil Robertson is a well-proven Rescue Stretcher, which allows the simple and safe recovery of a patient from difficult or unconventional situations.

The Neil Robertson is designed for use in instances where a casualty needs to be lowered or lifted to safety.

Constructed from 45mm polyester webbings.

Four heavy duty carrying handles assist in all manoeuvres, whilst cotton straps with buckles and a head restraint secure the casualty in place.

An optional carrying bag provides convenient storage for the stretcher when not in use.

### 1.4 Technical Specifications

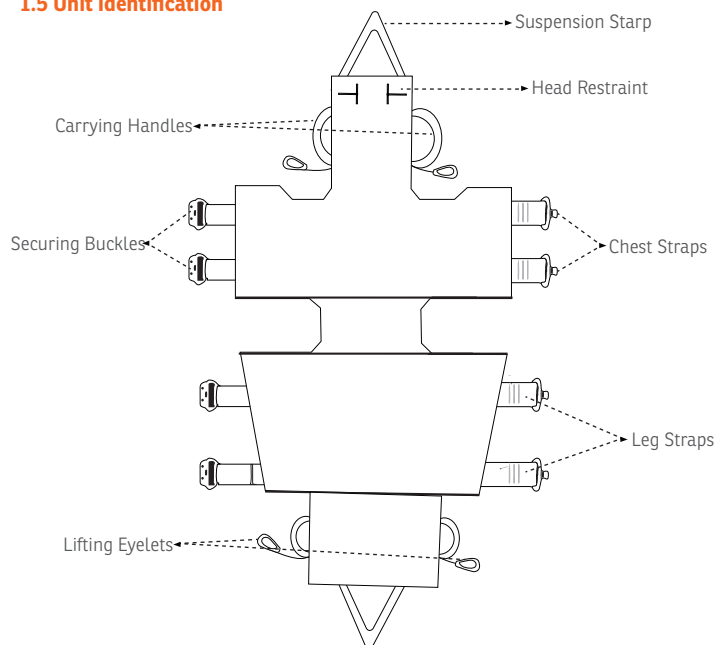
Neil Robertson Stretcher	Length (cm)	Width (cm)	Height (cm)	Weight (Kg)
Standard Length	Open	Open	Open	
	195	65	6	6,5 Kg.

Maximum Load Capacity=	150 Kg.
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\* All dimensions are approximate.

+ Load limit is total weight distributed in accordance with basic human anatomy proportions. Users must consider the weight of the patient, equipment and accessories when determining the total load on the Neil Robertson rescue Stretcher. Ferno reserves the right to change specifications without notice.

### 1.5 Unit Identification



### 1.6 Pre-Service Checks

**Refer to Section 3 of this manual to perform a pre-service check of the following:**

Does the canvas show any sign of wear or tear including water damage and rotting especially around the anchor points at both the foot and head ends? Does the lifting straps show any sign of deterioration?

Do the head strap, restraining straps and eyelets have any cuts, tears or damages parts?

Do the securing buckles fasten correctly?

Are the hooks distorted?

After satisfactorily completing the pre-service check, the Neil Robertson Rescue Stretcher is ready to use in regular service.

## Section 2 Principles of Operation

### 2.1 Using the Neil Robertson Rescue Stretcher

#### 2.1.1 Further Operator Skills and Training

- \* Operators need the ability to use the Rescue Stretcher as instructed in this manual.
- \* Operators need the ability to assist the casualty.
- \* When moving casualties an EMS training officer or medical advisor needs to approve the training programme.
- \* Trainees need to read this manual as part of the training programme.
- \* Trainees need to be tested on Rescue Stretcher operation before they use the Stretcher.
- \* Operators should practice using the Rescue Stretcher before using with a casualty.

#### 2.1.2 Operating Guidelines

- \* Inform the casualty before moving or lifting the Rescue Stretcher.
- \* Stay with the casualty and control the Rescue Stretcher at all times.
- \* Keep the casualty restrained when using the Rescue Stretcher.
- \* Use help when needed to ensure casualty and emergency/rescue personnel safety.

#### 2.1.3 Using Additional Help

Two trained emergency/ rescue personnel are needed to effectively use the Rescue Stretcher. When using additional help, emergency/rescue personnel should maintain control of the Stretcher while directing helpers. Keep the load limit of the Stretcher in mind throughout all procedures. Take care when working with very heavy casualties.

### WARNING

Stretcher misuse can cause injury. Do NOT let helpers control the Stretcher. Trained operators should maintain control and advise helpers how to assist handling the Stretcher.

### WARNING

Improper lifting can cause injury. Always use recognised lifting techniques.

## 2.2 Storage

This Rescue Stretcher should be stored in a cool, dry place out of direct sunlight and damp conditions. Ideal storage options include a protective cabinet or Neil Robertson Carrying Bag to keep the Stretcher canvas free from deterioration.

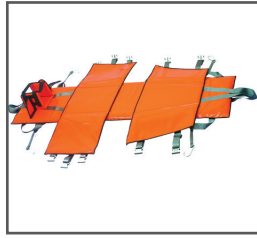


Figure 1.

## 2.3 Preparing the Stretcher for Use

Remove the Neil Robertson from the carrying bag (if applicable) and lay on the ground with the canvas side facing upwards. Place Neil Robertson alongside the casualty. Unfasten the guide ropes, head strap and restraining straps. The Stretcher is now ready for use. See Figure 1.

## 2.4 Loading the Rescue Stretcher

Using recognised patient handling techniques position the casualty on the Neil Robertson.

Ensure the forehead is level with the head restraint and fasten in position using the velcro strap. See Figure 2.



Figure 2.

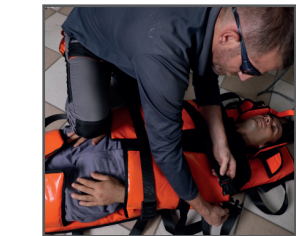


Figure 3.

Secure the casualty on the Stretcher by fastening the upper and lower chest straps. Locate the casualty's arms inside the centre strap and fasten (if the body is not wrapped in a blanket). See Figure 3.

Leg and ankle securing is essential if the casualty is to be suspended at all. Check all the straps are securely fastened and tighten as necessary. The casualty is now ready for evacuation.

## 2.5 Lifting a Casualty to Safety

Use recognised hoisting and lifting techniques to suspend the casualty. Note the rope supplied with the Neil Robertson is designed for guiding only. When suspending a casualty ensure you use a rope specifically designed for that purpose.

### WARNING

Ensure the hoisting rope is specifically designed for hoisting casualties.

## 2.6 Carrying the Stretcher

Use the four heavy-duty carrying handles for conventional carrying purposes. See Figure 5.



Figure 5.

## Section 3 Routine Inspection and Maintenance

### 3.1 Routine Inspection

The Neil Robertson Rescue Stretcher required regular inspection to maintain the safety and performance of the Stretcher. Clean and inspect the Stretcher as described in this Section.

#### 3.1.1 Cleaning

##### After use:

1. When the canvas is dry, use a stiff bristled brush to remove any surface dirt.
2. DO NOT clean with chemicals.
3. Rinse with fresh water and allow to dry naturally.

#### 3.1.2 Inspection

Have the appointed maintenance person follow the schedule below and inspect the Stretcher every 3 months and/or after each rescue operation.

\* Clean the stretcher prior to inspection (see 3.1.1. above).

- \* Inspect the canvas for signs of wear and tear including water damage and rotting, especially around the anchor points at the foot and head ends.
- \* Check the large eyelets at the foot and head sections are not damaged.
- \* Check all restraining straps and stitches for cuts, tears or damaged parts.
- \* Ensure the buckles are engaging correctly. Ensure all stitching points for the webbings are secure at both the head and foot ends and all fixings are properly fastened from top to bottom.
- Check the hooks at both the head and foot end for distortion.

## 3.2 Repair and Service

### WARNING

Improper maintenance can cause injury and unpredictable operation. Maintain the Neil Robertson Rescue Stretcher only as described in this manual. A damaged Stretcher should be withdrawn from service and returned immediately to KAYA SAFETY for repair.

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