



**The Ferno
Model 11-D Stretcher
User Manual**

1. Intended Use of Model 11-D Stretcher

The Ferno Model 11-D Stretcher is designed to aid in the transportation of patients.

Each user should read these instructions and practice the procedures of use before actually placing the stretcher in service.

Establish regular maintenance procedures and responsibilities to ensure proper maintenance as described in this manual.

Retain this manual for future reference. Include it with the stretcher in the event of transfer to new owners or users.

2. Checking the Model 11-D Stretcher

Before the start of each day it is recommended that the following checks be made:

1. Does the stretcher have securely installed restraints?
2. Check the cover for any damage; if any is found it must be replaced.
3. Ensure the leg posts and wheels fold out and lock in place.
4. Check that the hinge mechanism locks in place.
5. Study this manual before use. Practice without any weight until totally competent in using the stretcher.

Once these checks have been completed, then the stretcher is ready to use in regular service.

SAFE WORKING LOAD
159 kg

This product must be regularly serviced and maintained to ensure satisfactory operation.

We recommend that the stretcher is serviced at the same intervals as the vehicle.

Regular cleaning helps reduce the risk of transmitting disease and enables the equipment to function at its optimum.

WARNING

**Trapping hazards cannot be eliminated due to the operation of this product.
EXTRA CARE to be taken whilst folding and unfolding.**

3. Operating Procedure

General Principles

All persons who will control the use of this stretcher **must** ensure that the following procedures are complied with:

1. Control the stretcher at all times.
2. Keep the body secure using restraints.
3. Use help when needed to ensure operator safety.
4. Use the head restraint provided.

Transferring onto a stretcher

- Unfold the stretcher as shown in section 4.
- Ensure the legs and wheels are fully unfolded and locked in place.
- Place the stretcher beside the body and open the restraints.
- Transfer the body onto the stretcher using recognised procedures.
- Close the restraints around the body.
- Make adjustments as necessary.

Use in a Vehicle

When a body is to be transported on the stretcher in a vehicle, both should be placed on a stretcher trolley, the stretcher trolley restraints should be fastened around the body/stretcher to prevent movement in any direction, and the trolley should be secured to the vehicle by means of an approved fastener.

However, if the patient/stretcher must be placed on the floor or squad bench, provision must be made to contain movement under all transport conditions the vehicle is designed to withstand. Post cups or other openings in the vehicle floor alone are not enough to properly secure the stretcher. Additional devices to contain movement of this type are the responsibility of the user of ambulance manufacturer to design, test and install.

Manoeuvring the Stretcher

Lift the stretcher by grasping the stretcher frame at the corners. One attendant at each end can often carry the body and stretcher for short distances over level surfaces. Extreme weight, long distance or rough terrain may increase the number of attendants required for safe movement.

To roll the stretcher, tip the stretcher forward until wheels are in contact with the ground. Whilst rolling the stretcher in this position, observe for any obstacles that may be on the ground.

Practice steering and moving the stretcher prior to putting the unit into operation.

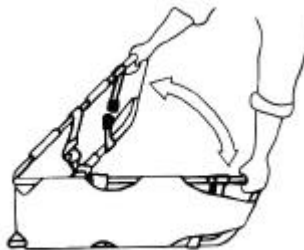
4. Stretcher Features

Restraints

Each stretcher is equipped with three restraint straps that should be used at all times. Each strap has loops so that they can be easily attached to the stretcher frame. Buckle straps across the chest, thighs and ankles to secure the body.

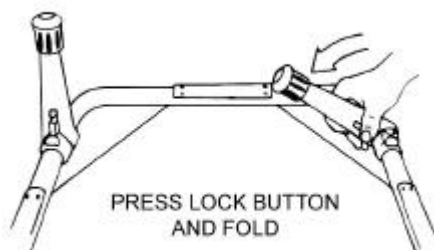
Folding Frame

The stretcher folds from end to end. Grasp the frame and fold/unfold as shown. Grasp the two knurled sleeves, located one each side of the stretcher frame and pull each knurled sleeve against the springs until the stretcher can be folded as shown.



Folding Legs and Wheels

The legs and wheels can be folded by pressing the lock button in, then folding the leg/wheel inward until the lock button engages, locking the leg or wheel into position.



5. Cleaning and Lubrication

Cleaning

Regular cleaning helps reduce the risk of transmitting disease and enables equipment to function at its optimum.

Steam cleaning with a suitable cleaning additive is the most effective method. The same results may be achieved by using a sponge and mild detergent soap mixed in warm water. For particularly grimy cases, especially if the stretcher has been in storage for a long period, it may be necessary to first wash the stretcher with a solvent soaked rag prior to using soap and water.

Once cleaned, dry the stretcher with a soft towel, paying particular attention to swivel and sliding joints. If a compressed air hose is available, you may find that compressed air jets are more effective in drying the hard-to-reach places. Once the stretcher is dry, you may wish to apply a liquid car wax to polished surfaces.

Lubrication

Your Model 11-D Stretcher will work efficiently and safely only when it is well lubricated. You **MUST** lubricate all moving and sliding parts after every inspection or preventative maintenance programme, or if there is inadequate lubrication for the moving parts to operate easily and quietly.

In general terms, almost all sliding and moving parts may be lubricated with a light duty grease. A penetrating fluid lubrication is used on some sliding parts of the stretcher. However, when a penetrating fluid lubricant is used, all excess **MUST** be wiped away, to prevent any build-up of dust or grime that can clog up working parts and impede movement.

Alternatively, contact the Ferno (UK) Ltd Fieldcare Department.

6. Warranty and Service

Ferno's standard terms and conditions apply to all sales. A copy is available upon request. These contain full details of warrant terms and do not limit the statutory rights of the customer.

For service, maintenance and any questions regarding this, or any other Ferno product, please contact:

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or your local distributor.

Date	Service By	Remarks

7. Technical Data

<i>Product Name:</i>	Model 11-D Stretcher
<i>Overall Length:</i>	1880 mm
<i>Overall Width:</i>	600 mm
<i>Height:</i>	240 mm
<i>Weight:</i>	10.5 kg
<i>Load Capacity:</i>	159 kg
<i>Construction Materials:</i>	Aluminium Tubing Aluminium Castings UV Stabilised Flame Resistant Polypropylene



The CE mark on this product demonstrates conformity with the requirements of the EC Directive 93/42/EEC for Medical Devices.

Registered Office:

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As our policy is one of continuous development Ferno (UK) Ltd reserves the right to change the specifications without notice.

Stock Code: 2003-0059