

Mangar ELK

Instruction & Safety Manual

Please read this manual before operation, for
maintenance instructions and safe usage



The enabling power
of applied knowledge

Introduction

The ELK by Mangar International, is a four compartment emergency lifting cushion, which, when operated by a person experienced in its use, is designed to lift a person from the floor, to an elevated sitting position. Transfer to a chair or help to a standing position can then be offered. The ELK is powered by a Mangar International Battery Airflo compressor and controlled using a Mangar International 4-Way Hand Control. Please refer to the separate Airflo compressor instructions before operating.

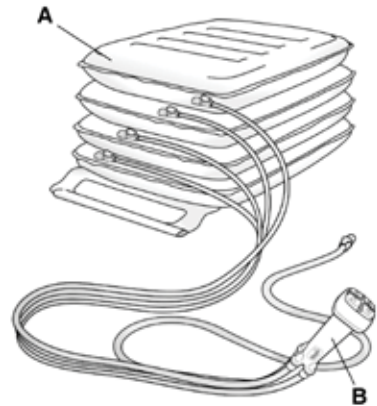


WARNINGS

- This equipment must only be used by persons practiced in its use.
- To maintain stability, persons being lifted must have the assistance of one or more competent assistants.
- Users should assess what assistance may be required before commencing a lift.
- Ensure that the surface on which the ELK is to be placed, is free from sharp objects. NOTE: Place a blanket, groundsheet, towel or similar under the ELK if using it on a rough surface.
- While in use, never allow a chamber to become partially deflated while any chambers above it are inflated. Chambers must always be fully inflated from the bottom up, in sequence, in order to maintain stability.

Standard Contents

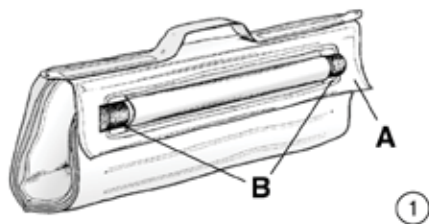
- 1 x ELK **(A)**
- 1 x 4-Way Hand Control **(B)**





Positioning the ELK

- Place the patient in the recovery position if they are unable to transfer themselves onto the ELK.
- Unroll the ELK by unclipping the flap (A fig.1) from the ends of the stability bar (B).



- Remove the end cap and then the stability bar from its pocket (B fig. 2) in order to provide a more comfortable transfer for the patient.



- Fold the edge of the ELK underneath itself, by folding along the line of the stability bar pocket (fig. 3).



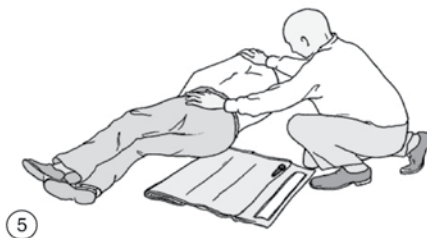
- Position the ELK so that its 'upper' edge is approximately level with and tight up against the patient's waistband (fig.4). NOTE: Place a blanket, groundsheet, towel or similar under the ELK if using it on a rough surface.



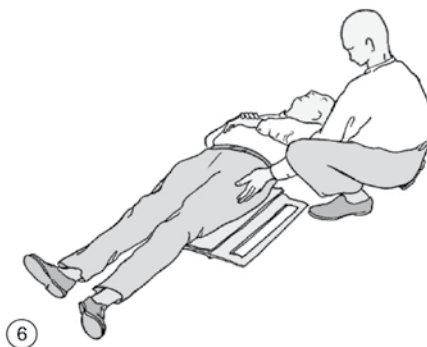


Transferring the patient onto the ELK

- Roll the patient over onto the ELK (fig. 5).



- Carry on rolling until the patient is lying fully and squarely on the ELK (fig. 6).



- Unfurl the folded over edge of the ELK (fig. 7).





- Replace the stability bar and refit the end cap (fig. 8).

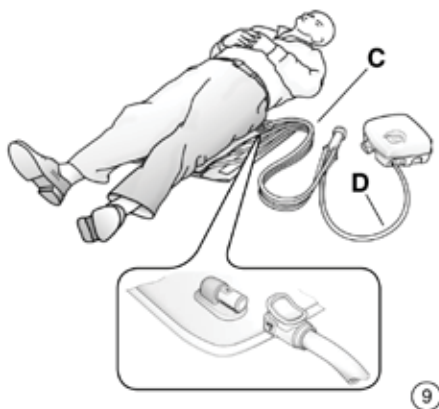


Connecting the 4-way Hand Control and Airflo

- Connect the four distribution hoses (C fig.9) from the 4-Way Hand Control to the four connectors on the ELK (fig.9 inset). The ends of the hoses are colour coded and numbered to match the corresponding ELK connectors (No. 4 is the top compartment; No.1 the bottom).

Note: If the fallen person is very large, it is recommended to connect the compressor and the hand control before the person is rolled onto the Elk.

- Position the Airflo compressor at the side of the ELK ensuring that it will not be in the way while lifting and supporting the patient.
- Connect the hose (D fig. 9) from the 4-Way Hand Control to the air outlet socket on the Airflo compressor and SELECT THE 'AUTO' FUNCTION ON THE AIRFLO COMPRESSOR. TO ACTIVATE THE 'AUTO' FUNCTION, PRESS AND HOLD THE 'AUTO' BUTTON UNTIL IT'S L.E.D. LIGHTS UP (see separate - Airflo instructions).



Operating Instructions

- Having positioned the ELK under the patient and connected it to the 4-Way Hand Control and Airflo compressor, position a sturdy chair, if possible, next to the patient for them to hold to provide additional stability. When in the seated position, the patient should place their arm on the chair seat to provide further stabilization.
- Kneeling beside the patient, place them in a seated position on the ELK (fig.10). If necessary, place a transfer belt (with looped handles) around the patient's chest and adjust to fit). Use the handles on this belt to provide additional support and stability while elevating.
- Explain to the patient what to expect when the ELK elevates.
- Press the number 1 button on the 4-Way Hand Control (fig.11). Steady the patient as the ELK lifts. Stop inflation when the first (bottom) compartment becomes hard. The compressor will automatically stop as each compartment becomes fully inflated.
- Continue to operate buttons 2, 3 and 4, in sequence, in exactly the same manner. Support the patient at all times. Always inflate the ELK sections from the BOTTOM UP BEGINNING WITH THE NO. 1 BUTTON.
- When all four compartments are inflated, the patient may be helped to stand or to transfer (fig. 12).
- To deflate, disconnect each of the air hoses from the ELK.
- After use, roll the ELK up with the 4-Way Hand Control and re-secure the flap around the ends of the stability bar (see fig. 1).



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WARNING: While in use, never allow a chamber to become partially deflated while any chambers above it are inflated. Chambers must always be fully inflated from the bottom up, in sequence, in order to maintain stability.



Cleaning

Routine cleaning

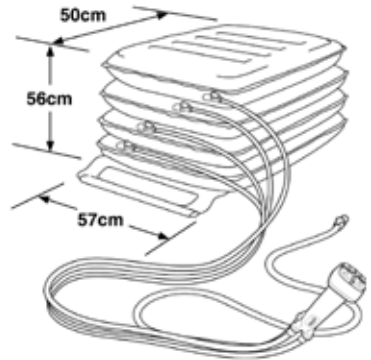
Inflate the ELK, sponge clean with a detergent solution and dry thoroughly before storing in a dry place. Do not dry using hot air.

Disinfection

Inflate the ELK, sponge with a disinfecting solution or alcohol impregnated wipe. Do not dry using hot air.

Specifications

- Maximum load: 450kg (992lbs)
- Weight of ELK: 3.6kg (8lbs)
- Dimensions: 57cm (W) x 50cm (D) x 56cm (H)
(22½" W x 19¾" D x 22" H)
- Max. air pressure: 0.35 bar (5psi)
- Max/Min temperature: +50°C / -15°C
(122°F / 5°F)



Warranty

The guarantee is given against defects in material and workmanship and comprises piece, parts and labour. The guarantee is not valid in the case of fair wear and tear, wilful damage, common neglect, misuse or unauthorised alteration or repair by unqualified persons.

The following statements do not affect the consumer's statutory rights. This product is sold on the understanding that in the event of any defect of manufacture or material appearing within the warranty period, the defect will be rectified free of charge providing that:

- (a) Reasonable evidence is provided (e.g. purchase invoice, delivery note) that the claim is being made within the warranty period.
- (b) The defect is not attributable to accidental damage (either in transit or otherwise), misuse or unauthorised repair.

ELK Serial Number:.....

Date of Purchase:.....

Invoice/Delivery Note Number:.....



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