

Mangar Camel Instruction & Safety Manual

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



The enabling power
of applied knowledge



Introduction

The CAMEL by Mangar, is an inflatable lifting device which is designed to sit up and lift a fallen person from the floor. When inflated, the CAMEL lifts the patient into a raised seated position ready to stand with or without assistance.

This equipment may be used with or without a helper as required.

The CAMEL is powered by a Mangar Airflo Compressor and controlled using a 4-Way Hand Control. Please refer to the separate Airflo Plus compressor instructions before operating.

Patents Pending

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WARNINGS

- This equipment **MUST** only be used by persons familiar in its use.
- The medical state of a person needing to be raised **MUST** be assessed before commencing a lift.
- Ensure that the surface on which the CAMEL is to be placed is free from sharp objects.

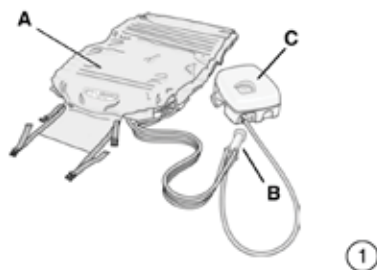
NOTE: Place a blanket, groundsheet, towel or similar under the CAMEL if using it on a rough surface.

- If a slide sheet has been used to transfer the patient onto the CAMEL it must be removed from under the patient before commencing a lift.
- Sections 2, 3 and 4 **MUST** always be fully inflated in sequence from the bottom up, in order to maintain stability. NOTE: The backrest may be partially inflated before any other section is raised. Once the lowest section is fully inflated, the backrest can be raised further as required.



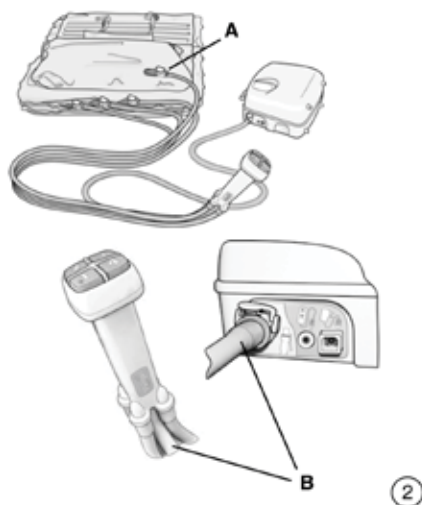
Standard Package Contents Fig 1

- 1 x CAMEL (A) (including carrying bag)
- 1 x 4-Way Hand Control (B)
- 1 x Airflo Compressor (C) with user instructions



Connecting the Hand Control and Airflo - fig. 2

- Remove the CAMEL from the carrying bag, unfasten the straps and unroll.
- Connect the four hoses from the hand control to the corresponding numbered and coloured connectors on the CAMEL (A).
- Connect the hose (B) from the hand control to the Airflo compressor.
- Position the Airflo compressor so that it will not be in the way while positioning the patient. Ensure that the hoses are not kinked.



Airflo 'Auto' Control Button

Fig. 3

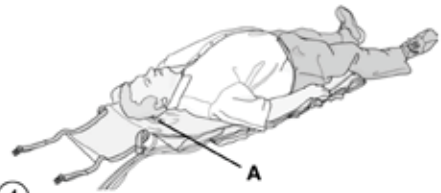
The 'Auto' function must be selected in order to operate the 4-Way Hand Control. When selected, the Airflo will work automatically when the hand control buttons are pressed.

- To switch on, press and hold the 'Power' button (A) until the light (B) comes on. The light will stay on while the 'Auto' function is selected.
- Press the 'Power' button to cancel the 'Auto' function.

When in 'Auto' mode, the internal microprocessor carries out a battery voltage check each time air is required and if the voltage becomes too low, the 'Auto' function will be cancelled automatically.



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Positioning the patient on the CAMEL - Fig. 4

- Position the CAMEL at the side of the patient so that the patient's head is level with the CAMEL badge (A). Note: Place a blanket, groundsheet, towel or similar under the CAMEL if using it on a rough surface.
- Transfer the patient onto the CAMEL. The head should lie on the CAMEL badge (A) and the body should lie centrally.

Using the CAMEL

- CAMEL is being operated by a person raising themselves without assistance, or by an assistant raising a patient.

WARNING: If a slide sheet has been used to transfer the patient onto the CAMEL it must be removed from under the patient before commencing a lift.

- Press the number 1 button on the hand control to partially inflate the backrest section until the patient is in a comfortable position - fig. 5
- Press the number 2 button to inflate the bottom section until it becomes rigid - fig. 6



- Continue to press buttons 3 and 4 in sequence until the sections become rigid, in exactly the same manner - fig. 7



- Press button 1 to fully raise the backrest and arrive at a sitting position - fig. 8



- Whether assisted or used alone, the patient should now be in a position to stand or transfer - fig. 9

WARNING: In order to maintain stability, sections must always be fully inflated from the bottom up, in sequence.

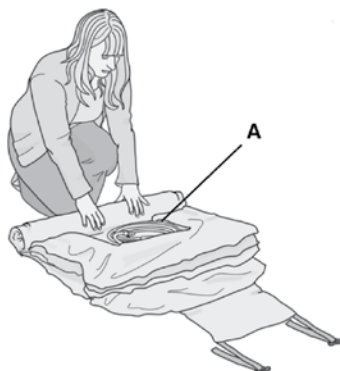
Note: only the backrest (section 1) may be partially inflated before the lower sections.





After Use

- To deflate, disconnect each of the air hoses from the CAMEL. NOTE: The initial 'rush' of air as the hoses are disconnected from the CAMEL, can be reduced by first disconnecting the air hose from the Airflo and then pressing each of the buttons on the hand control.
- Roll up the CAMEL with the hand control in the hollow (A) - fig. 10 secure the straps and place in the carrying bag - fig. 11



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Maintenance

Other than routine cleaning, the CAMEL is maintenance free. The backrest section or the main lifting section can be replaced separately if required.

We recommend that a thorough examination of the CAMEL is carried out regularly; the frequency of examination may need to be increased depending on usage and operating environment.

If required, Mangar International can provide the above inspection within an annual service contract. Please contact our Customer Service Department for further details. Routine Cleaning Inflate the CAMEL, sponge clean with a detergent solution and dry thoroughly before storing in a dry place. Do not dry using hot air.

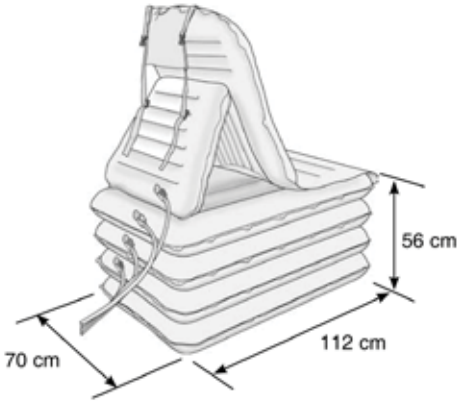


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Disinfecting

Inflate the CAMEL, pre-clean with a detergent solution and then sponge with a disinfecting solution or alcohol impregnated wipe. Allow to air dry before storage. Do not dry using hot air.





Specifications

Maximum user weight:	320kg (50 st)
Seat height (approx):	56cm
Overall length (approx):	112cm
Overall width (approx):	70cm
Deflated & rolled (in bag):	Length : 76cm Diameter: 20cm
Weight (Inc. Hand Control):	6.5kg
Maximum air pressure:	0.35bar (5psi)
Max / Min temperature:	+50°C / -15°C

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.

CAMEL Serial Number:

Airflo Serial Number

Date of Purchase:.....

Invoice/Delivery Note Number:.....



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