890.01 ROLLY

ZZV05867 Rev. 0

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INDEX

1 – GENERAL INFORMATION

Information provided by the manufacturer (the following information) must be read and understood by the user prior to use. This information relates to the description of the features, performance, assembly, disassembly, maintenance, care, disinfection, etc. of the device. Even if it contains some suggestions of use, it should not be considered a users manual in real situations.

Warning:

- this device must only be used by persons who are physically able, informed and trained in its use and with specific experience in patient handling, or it may be used in training activities by persons under the direct supervision of trainers / supervisors that guarantee safety,
- all checks described in paragraph 6 should be carried out before and after use. If the user has the slightest doubt about the efficiency of the device, it must be replaced immediately,
- to reduce the risks of exposure / transmission of infectious diseases, the device must be cleaned and disinfected as described in paragraph 4,
- carefully follow the manufacturer's information, improper use of this device is dangerous,
- incorrect use of patient restraint systems can put the patient's life at risk,
- use in combination with devices and / or accessories other than those listed in paragraph 2.2 can be dangerous. You should always check the compatibility of devices using the manufacturer's information,
- improper use, deformations, drops, wear, chemical contamination, exposure to temperatures below -30°C or higher than +50°C for the components/devices textiles/plastics, and +100°C for metallic devices, are some examples of causes that can reduce, limit and end the life of the device,
- prior to any rescue operation, make sure the weight does not exceed the capacity defined in paragraph 2.4,
- avoid exposing the device to heat sources, and avoid contact with chemicals. Reduce unnecessary exposure to direct sunlight. At low temperatures and in the presence of moisture, ice can form that may reduce the flexibility of textile devices and increase the risk of cutting and abrasion,
- it is absolutely forbidden to modify and / or repair this device.

All our devices are tested and inspected piece by piece in accordance with Quality System procedures certified according to UNI EN ISO 9001. **Attention: laboratory tests, testing, information and the standards do not always manage to reproduce practice, so the results obtained in real conditions of use, in a natural environment, may sometimes differ to a considerable degree. The best information is the continued practice of use under the supervision of a competent person / expert / qualified person.**

2 - TECHNICAL FEATURES

2.1 **- Terminology of parts and materials** (figs. 1 and 2)

A – High-density polyethylene support surface,

B1 and B2 – Polyester tape,

C - Polyester tape with slots,

D - Polyester tape,

E - Polyester webbing,

F – Polyester tape handles,

G – High tenacity polyester hanging kit (G1 short piece - G2 long piece),

H – Static rope,

I – Aluminum alloy buckle with hook,

L - Aluminum alloy buckle with hook,

M – Tape with slots,

N – Webbing with ratchet,

O – Carry bag.

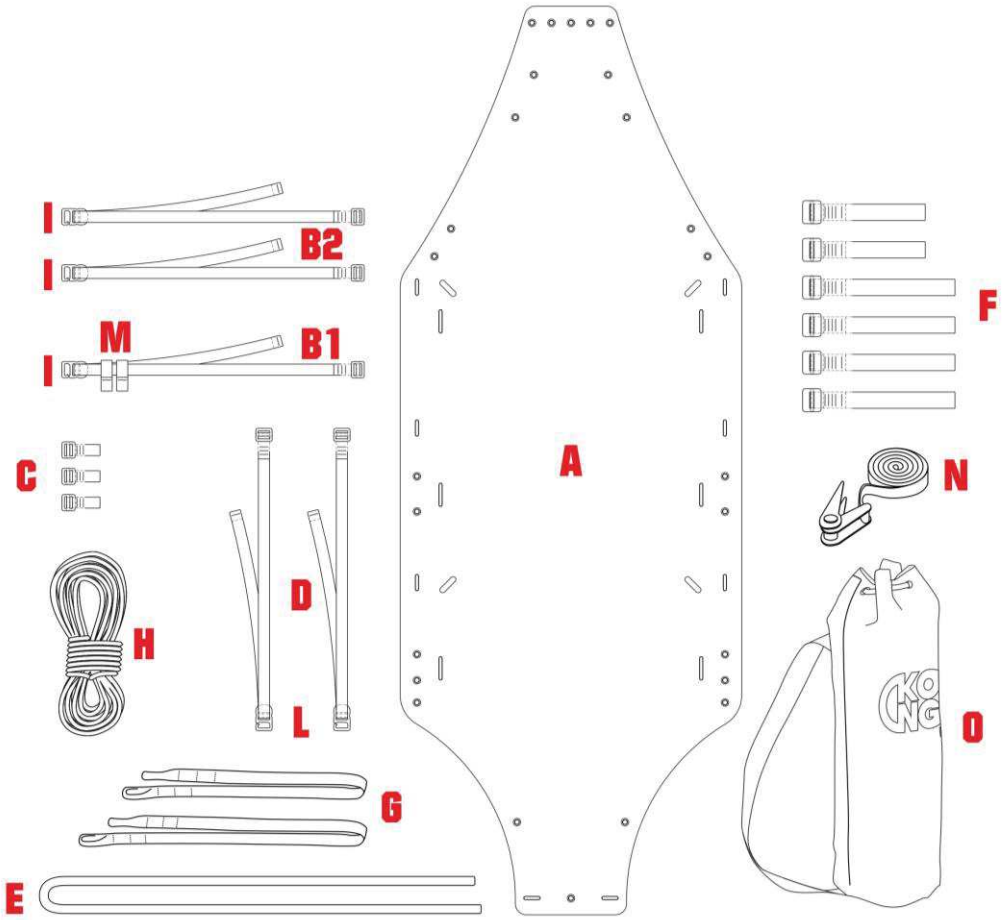

Fig. 1

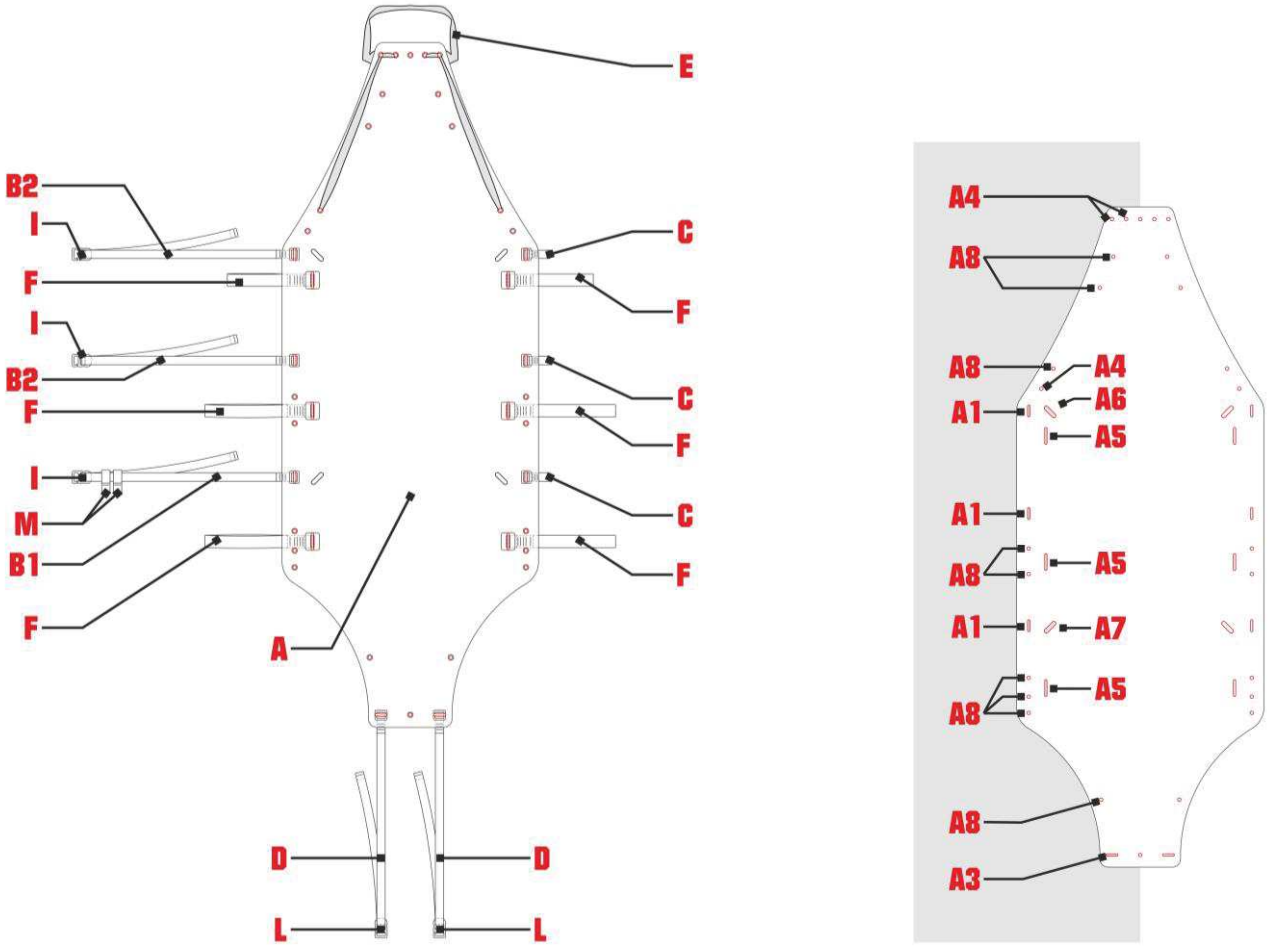

Fig. 2

2.2 - Dimensions

- Length: 245 cm
- Width: 92 cm
- Rolled up in the bag: ø 30 x 110 cm
- Weight: 8.3 kg

2.3 - Capacity

The **890.010 "ROLLY"** stretcher is tested to support the following uniformly distributed loads:

- 1500 kg when lifted by the hanging kit,
- 450 kg when lifted and carried by the handles,

to which one must apply the following minimum safety ratios, considered in relation to the type of use:

- manual lifting and transport by means of the handles (F) - (fig. 3): 1:3 = user load: 150 kg
- lifting by means of the hanging kit using rescue devices (G) - (fig. 4), 1:10 = user load: 150 kg
- helicopter lifting and transport using the hanging kit (G) - (fig. 4), 1:14 = user load: 100 kg
- vertical lowering and/or lifting by means of the rope using rescue devices (H) - (fig. 5), 1:10 = user load: 150 kg

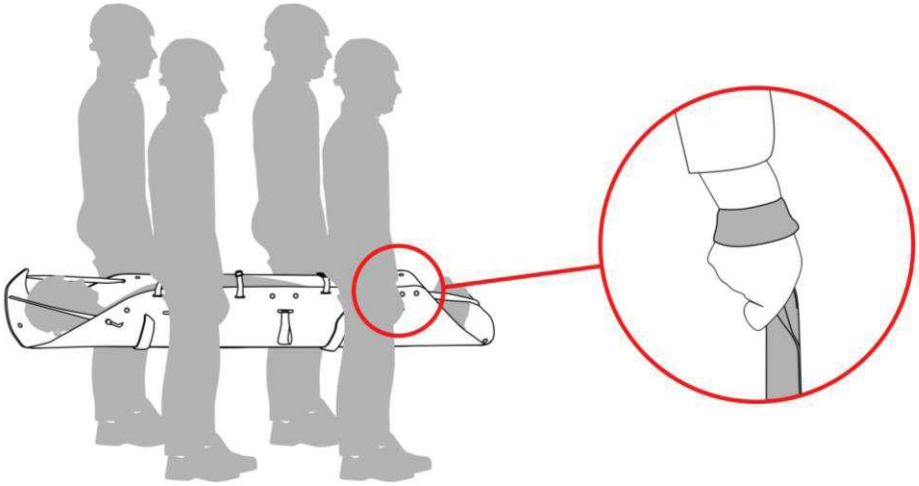

Fig. 3

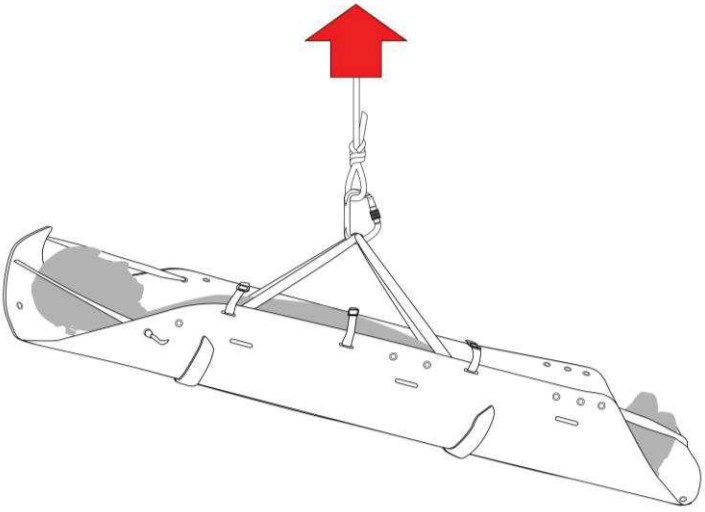

Fig. 4

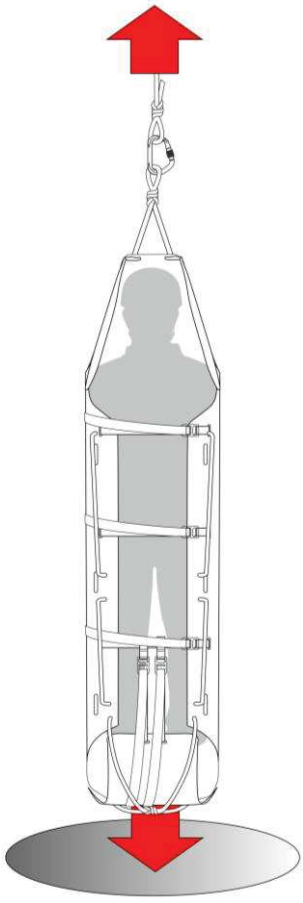

Fig. 5

2.4 - Accessories

a) Spinal boards “X-TRIM” (fig. 6) - 85510N000KK - 85511N000KK - 85512N000KK

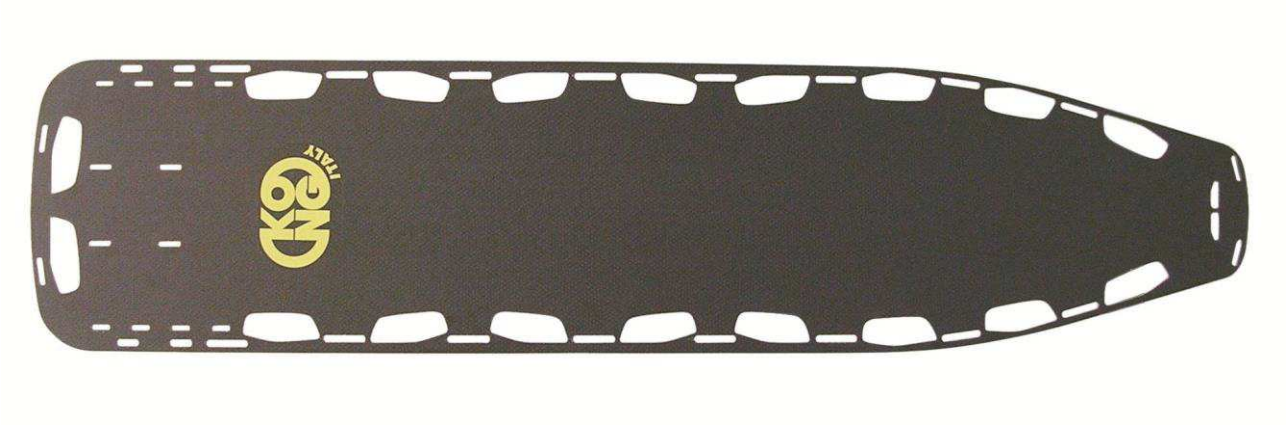

Fig. 6 - Article 85510N000KK

Fig. 6 - Article 85511N000KK

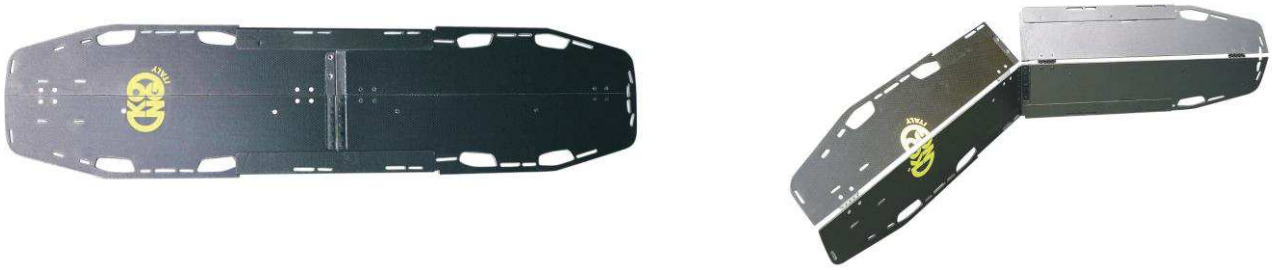

Fig. 6 - Article 85512N000KK

b) Vacuum mattress “VACUUM” (fig. 7) - 8720040000KK

Fig. 7 - Article 8720040000KK

3 - SPECIFIC INFORMATION

3.1 - General

The **890.010 "ROLLY"** stretcher is a device suitable for recovering and transporting a patient, also while immobilizing them on the "X-TRIM" spinal board or on the "VACUUM" vacuum mattress.

Decisions on the handling and restraining of the patient, as well as the method to be adopted, must be taken and carried out only by those trained and experienced.

The hanging kit allows the stretcher to be hoisted.

3.2 – Stretcher preparation

a) Remove the stretcher from the carry bag (O) and remove the webbing with ratchet (N),

b) Lay out the support surface (A) and make it flat by by unwinding the ends and bending the central part (fig. 8),

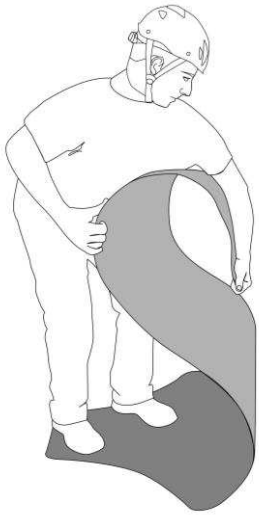

Fig. 8

3.3 – Stretcher assembly

To facilitate the recovery process and positioning of the patient, it is recommended to use the support surface alone (A) free of any preparation.

3.3.1 – Preparation necessary for securing the patient

a) insert the webbing (E) in the holes A4 of the support surface (fig. 9).

b) insert the tape (B1 and B2) into the slots A1 of the support surface (fig. 10),

c) insert the tape with slots (C) into the slots A2 of the support surface (fig. 11),

d) insert the tape (D) into the slots A3 of the support surface (fig. 12),

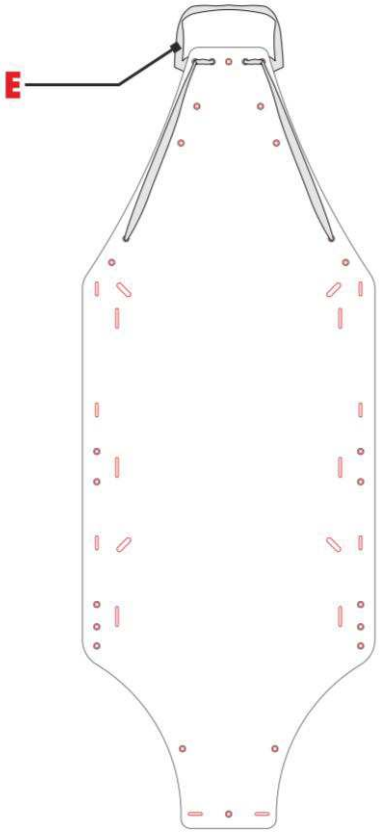

Fig. 9

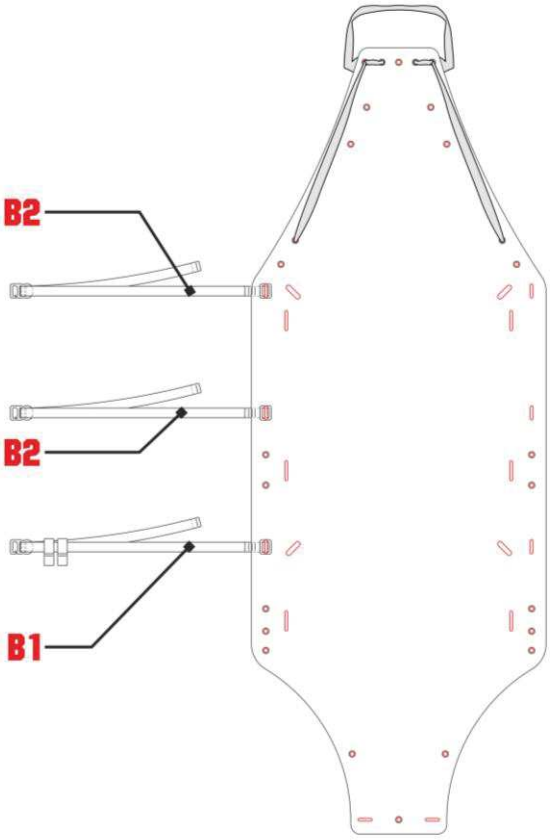

Fig. 10

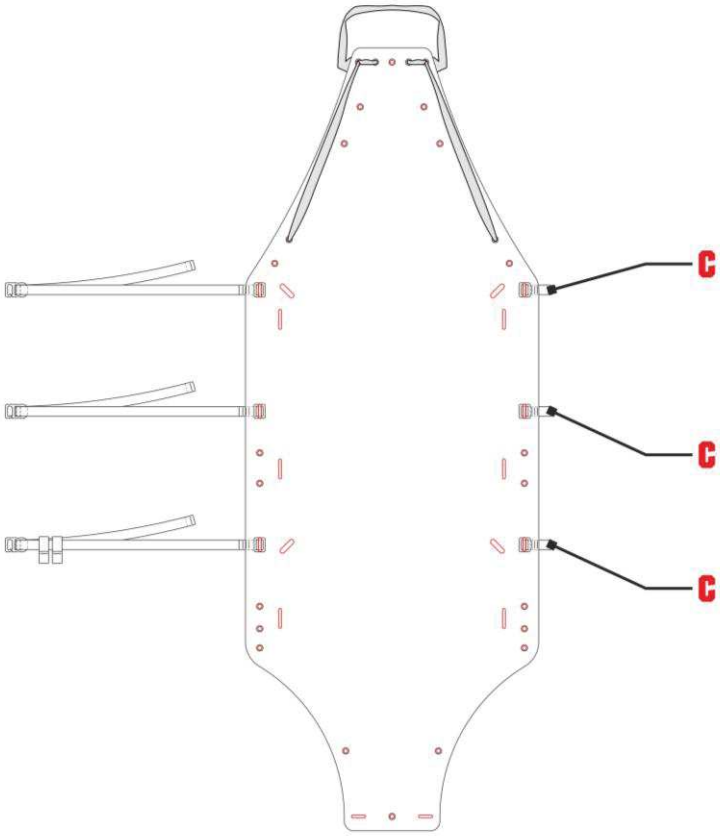

Fig. 11

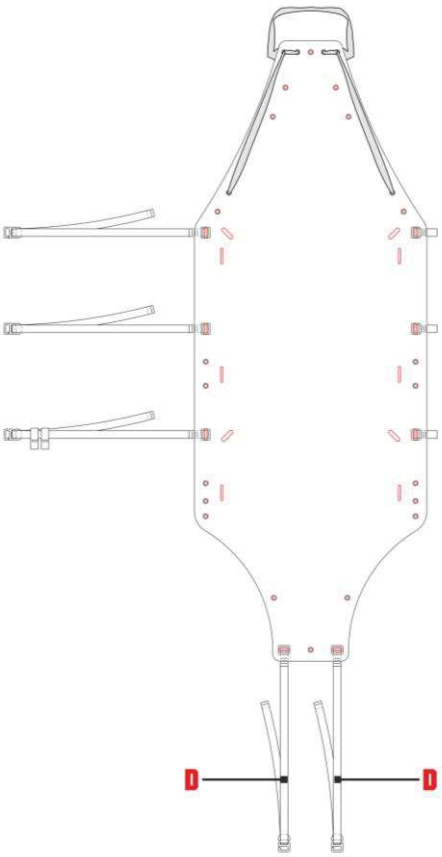

Fig. 12

3.3.2 – Specific assembly for lifting and/or transport

It is advisable to carry out this assembly with the patient secured as described in section 3.4

Depending on the method of lifting and transport which the rescuer considers it appropriate to adopt, prepare the stretcher with at least one of the following parts:

a) manual transport: insert the side handles (F) into the slots A5 of the support surface (fig. 13) - Note: it is recommended to place the pair of shorter handles into the slots near the patient's torso to keep the head in a higher position than the feet,

b) lifting and/or transport: insert the short hanging kit (G1) into the slots A6 and the long hanging kit (G2) into the slots A7 of the support surface (fig. 14),

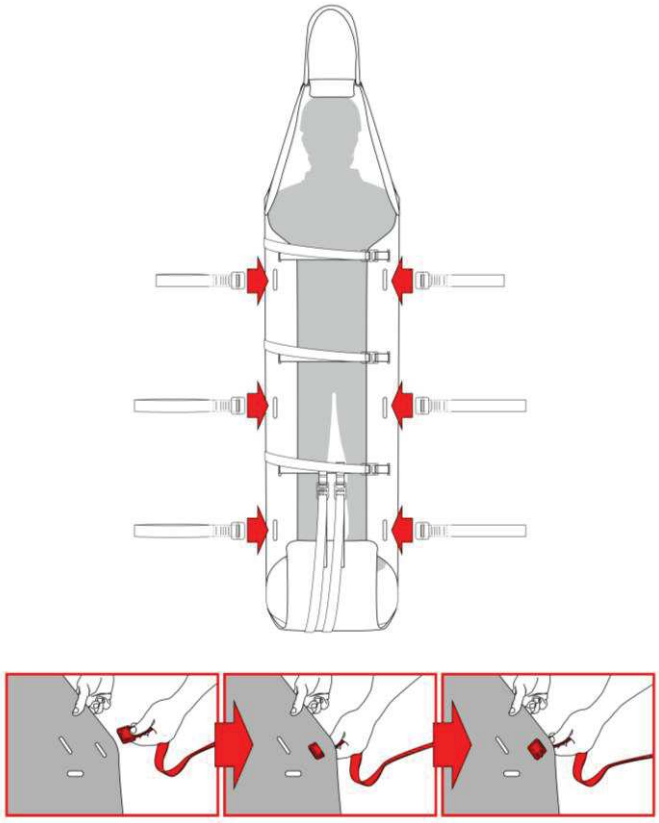

Fig. 13

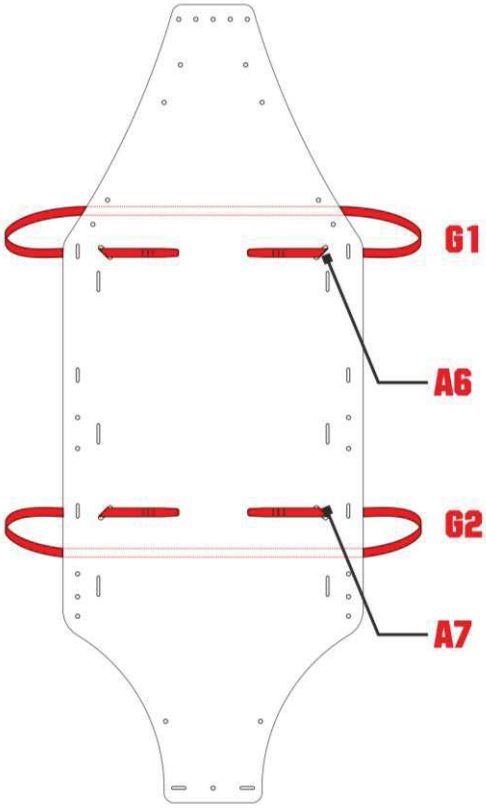

Fig. 14

c) vertical lowering or lifting: insert the rope (H) in the holes A8 of the support surface (fig. 15).

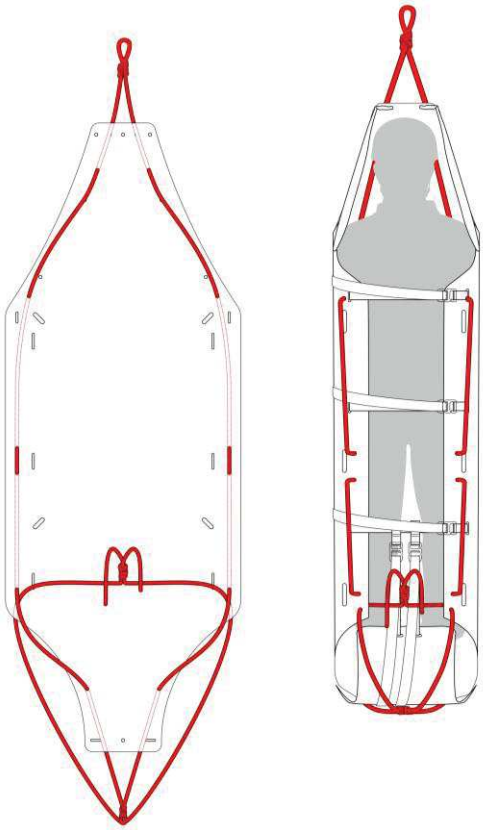

Fig. 15

3.4 – Securing the patient

After positioning the patient on the support surface:

a) insert the buckles with hook (I) into the corresponding tapes with slot (C) and tension the tape (B) to raise the side parts of the support surface (A) to the degree necessary to contain the patient (fig. 16),

b) insert the buckles with hook (L) into the corresponding tapes with slot (M) and tension the tape (D) to raise the terminal part of the support surface (A) to the degree necessary to contain the patient's feet (fig. 17),

c) tension the webbing (E), to raise the terminal part of the support surface (A) to the degree necessary to contain the patient's head, and secure it (fig. 18).

This procedure must also be carried out with patients immobilized on spinal boards or with a vacuum mattress.

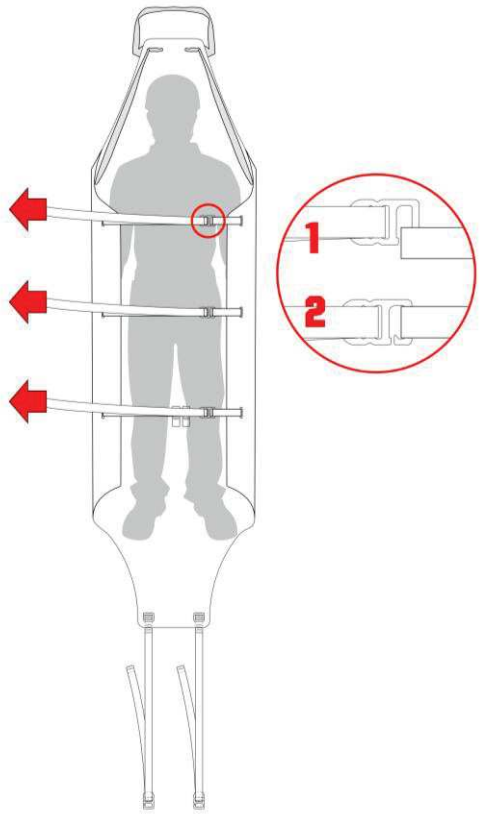

Fig. 13

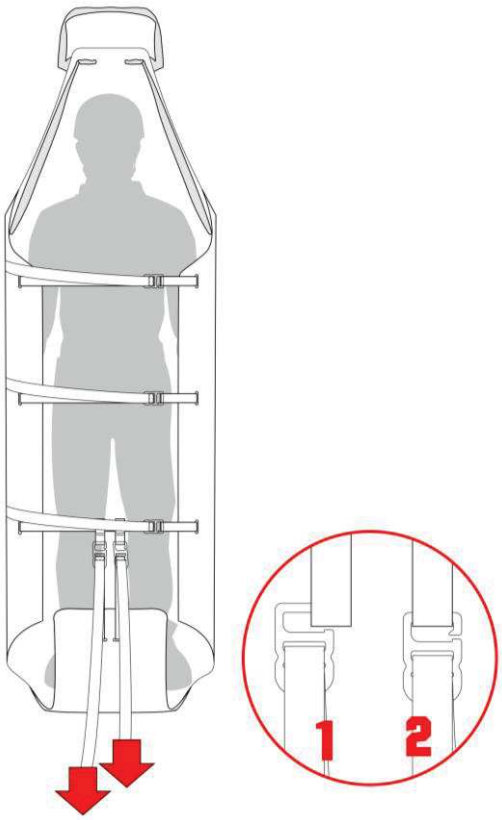

Fig. 14

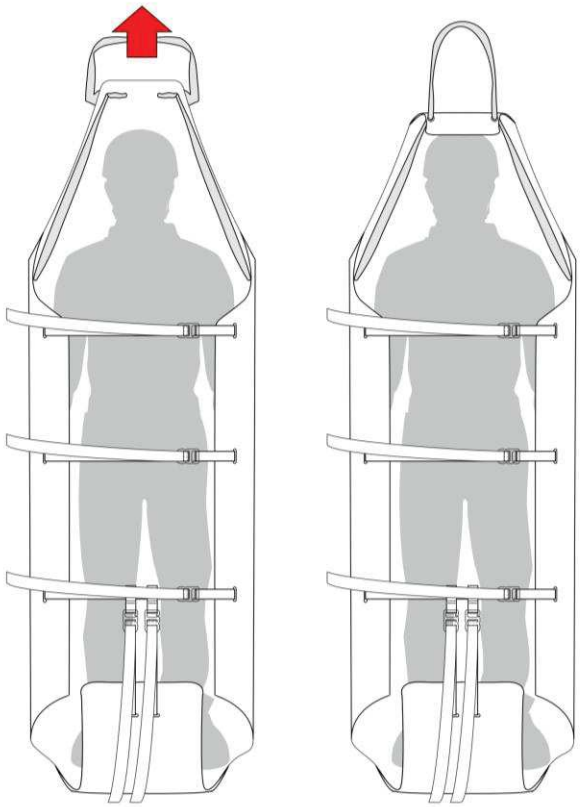

Fig. 15

3.5 - Patient transport

The stretcher is suitable for lifting and transporting the patient by means of the side handles (fig. 3), the hanging kit (fig. 4) and vertical lowering or lifting by means of the static rope (fig. 5).

4 – MAINTENANCE AND REPAIR

4.1 - General

The stretcher is made of materials with a high resistance to wear and tear. Despite this, the conditions of use call for maintenance work and, in particular cases, also repair.

4.2 - Maintenance

Maintenance work that must be performed by the user are:

a) cleaning: wash with warm fresh water (max. 40°C) after each use, possibly with the addition of a neutral detergent (e.g. Marseille soap). Rinse and allow to dry in the shade, away from direct heat,

b) to disinfect, when deemed necessary: dilute bleach (sodium hypochlorite) in warm water with the concentration of 1% bleach and soak the product for one hour. Then rinse thoroughly with clean water and allow to dry in the shade, away from direct heat.

4.3 - Repair

Repairs must be carried out exclusively by the manufacturer and recorded on the inspection card.

The user is permitted to replace:

a) the tapes,

b) the handles,

c) the hanging kit,

d) the static rope,

e) the buckles with hook,

with new and original spare parts.

5 - STORAGE

After cleaning, any disinfection, and drying, store the stretcher and its accessories in a place which is dry (relative humidity 40-90%), cool (temperature 5-40°C) and dark (avoid U.V. rays), chemically neutral (absolutely avoid saline and/or acidic environments), away from sharp edges, heat, humidity, corrosive substances and other potentially harmful conditions. **Do not store these products wet!**

6 - INSPECTION

6.1 - Inspections before and after use

To ensure product efficiency and the safety of the patient and rescue team, the stretcher and its accessories must be inspected before and after every use. In particular, it is necessary to check that:

a) the textile components are not cut or torn, especially in areas that come into contact with the holes, the slots, and the buckles,
b) the stitching does not have loose or worn threads,
c) the support surface has no deformation, cracks or wear,
d) the eyelets inserted into the holes of the support surface are not deformed, and are free of sharp burrs.

All inspections shall be recorded on the Inspection Card.

7 - PRODUCT LIFE AND WARRANTY

7.1 - Product life

The product life is 15 years from the date of first use, provided that:

a) the maintenance and storage are carried out as described in paragraphs 4 and 5,

b) the inspections before and after use, and the the audits, do not indicate operating defects, deformations, wear, etc.,

c) the product is used correctly.

Destroy, and render unusable, devices that have not passed before use, after use, and periodic inspections.

7.2 - Warranty

The manufacturer guarantees that the device conforms to the applicable standards at the time of production. The warranty for defects is limited to defects in raw material and workmanship, it does not include normal wear and tear, oxidization, damages caused by improper use and / or competitions, from improper maintenance, transportation, care or storage, etc.. The warranty is immediately void in the event that any changes are made to the device and / or it is tampered with. The validity corresponds to the legal warranty of the country in which the device was purchased, with effect from the date of sale by the manufacturer. Upon expiry of this period, no claims can be made against the manufacturer. Any request for repair or replacement under warranty must be accompanied by a proof of purchase. If the defect is recognized, the manufacturer undertakes to repair or, at its discretion, replace or refund the device. In no case will the liability of the manufacturer extend beyond the invoice price of the device.

7.3 - Legal obligations

Professional activities and leisure activities are often regulated by specific national laws which may impose restrictions and / or requirements on the use of PPE and to the provision of safety systems of which PPE are components. It is the obligation of the user to know and to apply these laws that could provide different limits to what is reported in this information.

INSPECTION CARD

Device	
RN (P/N)	
Manufacturer	KONG S.p.A Via XXV Aprile, 4 - Monte Marenzo LC
Serial Number (S/N)	
Year of production	
Purchase Date	
Date of first use	

Inspection date	Type	Inspections results	Notes	Inspector's name and Signature

LEGEND
Type of inspection: B: Before use - **A:** After use - **P:** periodic check

RN: Reference Number
(P/N): Part Number