

Alpine Rescue Equipment

TYROMONT



AIR RESCUE EQUIPMENT

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PROFESSIONAL SOLUTIONS FOR EXTERNAL RESCUE HOIST OPERATIONS AND IN-CABIN FIXATION OF PATIENTS

EXPERIENCE - since more than 60 years

- » Partnership with leading Air Rescue Operators

FLEXIBILITY - high degree of customisation

- » Customised solutions for individual requirements
- » In-house development and prototyping

QUALITY - unsurpassed quality claim

- » 100% in-house production in Austria
- » 100% quality control
- » Long-lasting relationships with European component suppliers

STANDARD ASSORTMENT

HELICOPTER RESCUE BAG TYROMONT - Mod. BAYERN

Art. No. 93280

EC type examination no. E 7111 (NB 1246) - according EASA CM-CS-005 PCDS, Appendix I, Issue 01)



HEMS carrying bag for the horizontal transport of injured persons. Protective bag to fully enclose the patient, manufactured from high strength, water- and wind resistant perlon PES fibre. Bottom with sewn on high strength 45mm PES diagonal-belt weight bearing system provides even weight distribution for perfectly horizontal bedding of the injured. Integrated carrying loops for lifting the patient and attachment of the suspension. Central pouches on both sides for the storage of the suspension. Longitudinal wide-area Velcro closing for perfect adoption to the size of the injured. Four additional external fixation belts. Head opening with additional padding, prepared for the optional application of the "Face protection shield" (93281). Integrated vacuum suction system for the operation of the vacuum mattress through an external suction point. Equipped with an **internal patient restrain system (=IPRS)** for the securing of the injured in longitudinal and lateral direction, additionally equipped with **leg loops** for the fixation of the injured in caudally direction. Four retaining tabs connected with high-load Cobra® buckles for the fixation of the bag with the secured injured in the cabin.

Suspension: 10 high strength fibre suspension ropes / five of each side pooled in one Delta-link carabiner.

HELICOPTER RESCUE BAG - Mod. CHRISTOPHORUS II

Art. No. 93195



HEMS carrying bag for the horizontal transport of injured persons. Protective bag to fully enclose the patient, manufactured from high strength, water- and wind resistant perlon PES fibre. Bottom with sewn on high strength 45mm PES diagonal-belt weight bearing system provides even weight distribution for perfectly horizontal bedding of the injured. Integrated carrying loops for lifting the patient and attachment of the suspension. Stow-away pouches over the entire length for the complete storage of the suspension. Longitudinal wide-area Velcro closing for perfect adoption to the size of the injured. Four additional external fixation belts. Head opening with additional padding, prepared for the optional application of the "Face protection shield" (93281). Storage bags for vacuum pump and neck-immobilization.

Suspension: 10 high strength fibre suspension ropes / five of each side pooled in one Delta-link carabiner.



INTERNAL BELT SYSTEM

Secures the patient inside the bag in longitudinal and lateral direction. Easy to slip on with quick release buckles. The belting can be applied over any vacuum mattress or other stretcher. The forces of the harness are transferred into the two anchor belts at each side of the bag and further to the length-adjustable attachment slings.

ATTACHMENT SLINGS

Can be attached to designated attachment points in the cabin to secure the bag with the patient according to CS 25/27 in longitudinal and lateral direction during flight.



“SPIKES” ON THE BOTTOM

Anti slip spike-strips on the bottom of the bag and optionally inside of the bag to avoid the shifting of the vacuum mattress.

HEAD/SHOULDER SUPPORT

Integrated longitudinal and lateral bracing battens help supporting the cervical and head area of the patient while the bag remains fully foldable.

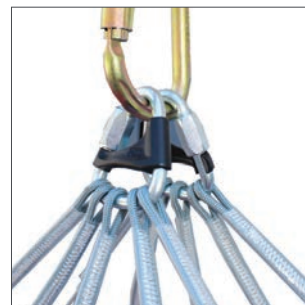


HEAD PROTECTION SHIELD

Protects the head area effectively from blown-up stones, dirt, snow and ice. Secured by a snap-buckle against downwash, it can be opened and removed easily.

VACUUM SUCTION SYSTEM

The vacuum mattress can be attached to the integrated connector inside the bag, the pump can be linked to the outside interface. So the vacuum mattress can be operated at closed bag.



SUSPENSION

Suspensions can be made to the specifications of the operator in heights from 79cm (for Hueys) to 150cm. The ropes of each side are joined in one central carabiner, secured against tumbling and twisting.

OUTSIDE BAGS & POCKETS

Comprehensive offer of various exterior bags and pockets for e.g. vacuum pumps, medical instruments or oxygen cylinders.



COLOUR CODING

Colour coding can be attached to the carrying loops and the lower end of the suspension ropes to avoid any operating error.

ACCESSORIES FOR RESCUE HOIST OPERATIONS

VACUUM MATTRESS 80

Art. No. 81350



48 multi-chamber system, rugged outside cover for additional protection of the mattress with eight carrying belts and four cross joint belts, automatic self-shutting valve. Cover can easily be removed for cleaning and disinfection purposes.

Length: 1.950 mm
Wide: 800 mm

(Also available without cross joint belts – Art. No. 81356)

VACUUM MATTRESS 60

Art. No. 81354



40 multi-chamber system, outside cover for additional protection of the mattress with eight carrying belts, automatic self-shutting valve. Cover can easily be removed for cleaning and disinfection purposes.

Length: 1.950 mm
Wide: 600 mm

TRANSPORTATION BAG

Art. No. 93227



For the convenient transport on the back or the load hook. Offers space saving storage of helicopter rescue bag, vacuum mattress, vacuum pump and small accessories. With shoulder- and hip harness and suspension belts for the load hook.

RBS - ROTATION BRAKE SYSTEM

Art. No. 93285



High - effective aerodynamic system to avoid or stop rotational movement of a rescue bag in downwash on a hoist cable or fixed rope. Absolutely easy and logical control through the rescuer without any electronic or mechanic components. No assistance and no lines from the ground any more!

VACUUM PUMP EVO

Art. No. 93134



Durable aluminum construction with large foot bow; cold-resistant silicone tube with newly developed L-shaped metal adapter for high-efficient use with all TYROMONT vacuum mattresses and splints.

HEAD PROTECTION SHIELD

Art. No. 93281



Provides effective protection of the face and forehead area of the injured. To be applied at rescue bag with the corresponding velcro/bracket mounting. Collapsible for easy and fast access. Transparent and cold-resistant foil material with Delrin battens.

LEADING AIR RESCUE ORGANISATIONS TRUST IN TYROMONT RESCUE EQUIPMENT

