



EMS Vacuum Immobilisation Catalogue 2022



RedVac EMS Vacuum Immobilisation

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Developed and manufactured in Austria

Kohlbrat & Bunz products are developed and manufactured 900 meters above sea level in the middle of the Austrian Alps in its own facilities by its experienced and meticulously working staff.

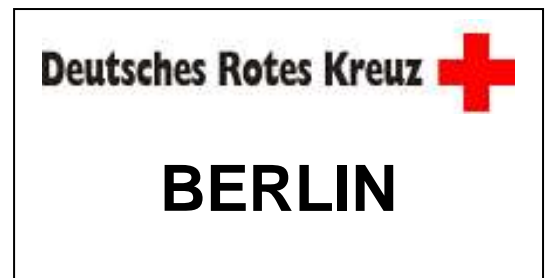
People living in the Alps know very well that products used under the extreme conditions of alpine rescue have to work perfectly.

To meet these rigorous demands our products are developed in close cooperation with the mountain rescue teams and other demanding emergency services.

This cooperation has brought about a selection of the best materials and optimal product design leading to products of outstanding performance and quality. To insure the best possible quality Kohlbrat & Bunz work in accordance with EN ISO 9001 & EN ISO 13485.

Worldwide in use

We are very proud of the confidence shown to us and our products by many well-known and demanding emergency services worldwide and are happy to show some examples of their beautiful logos that they have asked us to put on the RedVac products we have made for them.



The RedVac System

for
PERFECT HYGIENE & EASE OF USE



- **The RedVac CLICK-System**
for attachment of straps and handles

The unique CLICK-System makes removal of straps and handles for repositioning, replacement, cleaning and disinfection very easy!



- **The RedVac Multi-Chamber-Systems**
- provides unmatched EASE OF USE

The Multi-Chamber-Systems keeps the internal beads evenly distributed eliminating the need for difficult and time consuming manual spreading of the beads. This enables fast, safe and easy application in all situations.

The RedVac Multi-Chamber-System!

The internal sack system keeps the beads evenly distributed in up to 120 chambers.



The RedVac DOT-Chamber-System!

The layers of the outer cover are welded together dot by dot creating chambers between the dots keeping the internal beads in their correct position, evenly distributed.



- **Optional attachment systems for straps and handles**

Cleats



Hook & Loop



Red Stripes



- **Robust & durable exterior Material**

To achieve outstanding durability, abrasion resistance, tightness, easy cleaning and disinfection, comfort and safety for the patient special materials were chosen. It makes it possible to use the RedVac products in a wide temperature range, from -40°C up to +80°C.



- **Restraint Straps, made of washable textile or wipe-clean coated fabric**

Colour coded patient restraint straps, adjustable from both sides, easy to clean, reposition or replace.



- **Vacuum Valve, screw-on replaceable**

The valve is robust and easy to use, even when wearing gloves. It closes automatically when suction stops preventing loss of vacuum if slipping with the pump. Comes with suitable adapter for most vacuum pumps.



- **Vacuum Valve, welded-on non-replaceable**

The valve is robust and easy to use, even when wearing gloves. It closes automatically when suction stops preventing loss of vacuum if slipping with the pump.



- **Label System**

An indestructible label with individual serial number and date of manufacture is welded onto every product. Optional labels with property indicator and distributor logo are available.



- **X-ray, CT and MRI compatible**



- **CE**

All RedVac products are CE marked and conform with the European directive 93/42/EEC for medical products class 1.




- **ISO9001 - ISO13485 certified by**




RedVac EMS Vacuum-Mattresses




Body shape

	VM01X02 Cleats with webbing restraint straps VM01CX02 CLICK with webbing restraint straps VM01CHX02 CLICK with wipe-clean restraint straps
	Width head/mid/foot: 40-88-50cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 4


Body shape

	VM03X03 Cleats with webbing restraint straps VM03CX03 CLICK with webbing restraint straps VM03CHX03 CLICK with wipe-clean restraint straps
	Width head/mid/foot: 50-88-50cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 4



Body shape. Slits for gurney safety belts in neck area.

	VM03X05 Cleats with webbing restraint straps VM03CX05 CLICK with webbing restraint straps VM03CHX05 CLICK with wipe-clean restraint straps
	Width head/mid/foot: 50-98-50cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 4

Body shape. Slits for gurney safety belts in neck area. Glass fiber rod for cervical protection.



	VM03X07 Cleats with webbing restraint straps VM03CX07 CLICK with webbing restraint straps VM03CHX07 CLICK with wipe-clean restraint straps
	Width head/mid/foot: 50-88-50cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 4

Body shape - compact size for helicopter transportation


	VM08X06 Cleats with webbing restraint straps VM08CX06 CLICK with webbing restraint straps VM08CHX06 CLICK with wipe-clean restraint straps
	Width head/mid/foot: 40-78-40cm Length: 195cm Weight: 6kg Carry handles: 8 Patient restraint straps: 4
	VM09X01 Cleats with webbing restraint straps VM09CX01 CLICK with webbing restraint straps VM09CHX01 CLICK with wipe-clean restraint straps
	Width head/mid/foot: 40-60-40cm Length: 195cm Weight: 5kg Carry handles: 8 Patient restraint straps: 4

Body shape with head fixation.

Slits for gurney safety belts in neck area. Glass fiber rod for cervical protection.

	VM200X06 Cleats with webbing restraint straps VM200CX06 CLICK with webbing restraint straps VM200CHX06 CLICK with wipe-clean restraint straps
	Width head/mid/foot: 40-88-60cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 6
	VM201X10 Cleats with webbing restraint straps VM201CX10 CLICK with webbing restraint straps VM201CHX10 CLICK with wipe-clean restraint straps
	Width head/mid/foot: 40-100-60cm Length: 210cm Weight: 8kg Carry handles: 8 Patient restraint straps: 6

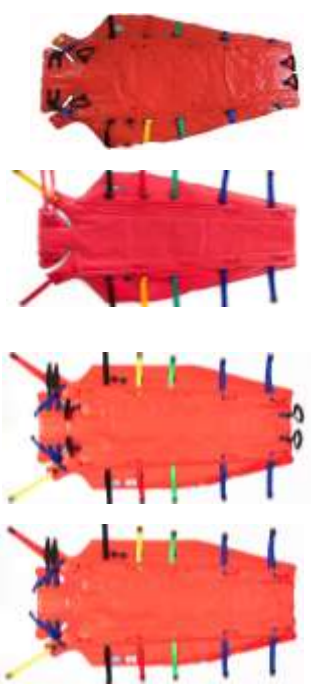
Head fixation

	<p>VM500X03 Cleats with webbing restraint straps VM500CX03 CLICK with webbing restraint straps VM500CHX03 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 60-88-88cm Length: 200cm Weight: 7,5kg Carry handles: 8 Patient restraint straps: 5</p>
	<p>VM501X03 Cleats with webbing restraint straps VM501CX03 CLICK with webbing restraint straps VM501CHX03 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 60-100-100cm Length: 210cm Weight: 8,5kg Carry handles: 8 Patient restraint straps: 5</p>
	<p>VM502X01 Cleats with webbing restraint straps VM502CX01 CLICK with webbing restraint straps VM502CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 60-80-80cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 5</p>



Head fixation and slits in neck area for gurney safety belts. Glassfiber rod for cervical protection.

	<p>VM5000X01 Cleats with webbing restraint straps VM5000CX01 CLICK with webbing restraint straps VM5000CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 65-88-88cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 5</p>
	<p>VM5001X01 Cleats with webbing restraint straps VM5001CX01 CLICK with webbing restraint straps VM5001CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 65-100-100cm Length: 210cm Weight: 8kg Carry handles: 12 Patient restraint straps: 5</p>
	<p>VM5002X01 Cleats with webbing restraint straps VM5002CX01 CLICK with webbing restraint straps VM5002CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 65-80-80cm Length: 200cm Weight: 6kg Carry handles: 8 Patient restraint straps: 5</p>


Body shape with head fixation. Slits for gurney safety belts. Glass fiber rod for cervical protection. Additional outer protective layer with 10 integrated handles.

	<p>VM7000X03 Cleats with webbing restraint straps VM7000CX03 CLICK with webbing restraint straps VM7000CHX03 CLICK with wipe-clean restraint straps</p> <p>Width: 130cm Length: 205cm Weight: 10kg Carry handles non-removable: 10 Carry handles removable: 4 Patient restraint straps: 5</p>
	<p>VM7000X04 Cleats with webbing restraint straps VM7000CX04 CLICK with webbing restraint straps VM7000CHX04 CLICK with wipe-clean restraint straps</p> <p>Width: 130cm Length: 205cm Weight: 10kg Carry handles non-removable: 10 Patient restraint straps: 5</p>
	<p>VM7001X01 Cleats with webbing restraint straps VM7001CX01 CLICK with webbing restraint straps VM7001CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 108cm Length: 205cm Weight: 9,5kg Carry handles non-removable: 10 Carry handles removable: 4 Patient restraint straps: 5</p>
	<p>VM7001X04 Cleats with webbing restraint straps VM7001CX04 CLICK with webbing restraint straps VM7001CHX04 CLICK with wipe-clean restraint straps</p> <p>Width: 110cm Length: 205cm Weight: 9,5kg Carry handles non-removable: 10 Patient restraint straps: 5</p>

Head fixation. Slits for gurney safety belts in neck area. Glassfiber rod for cervical protection

	<p>VM11X04 Cleats with webbing restraint straps VM11CX04 CLICK with webbing restraint straps VM11CHX04 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 80-88-80cm Length: 200cm Weight: 7kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM1101X01 Cleats with webbing restraint straps VM1101CX01 CLICK with webbing restraint straps VM1101CHX04 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 80-100-80cm Length: 210cm Weight: 8kg Carry handles: 12 Restraint straps: 4</p>
	<p>VM1111X01 Cleats with webbing restraint straps VM1111CX01 CLICK with webbing restraint straps VM1111CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 80-108-80cm Length: 210cm Weight: 8,5kg Carry handles: 12 Restraint straps: 4</p>
	<p>VM1112X01 Cleats with webbing restraint straps VM1112CX01 CLICK with webbing restraint straps VM1112CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 80-108-80cm Length: 220cm Weight: 8,5kg Carry handles: 8 Restraint straps: 4</p>


Rectangular shape. Slits for gurney safety belts in the neck area Glassfiber rod for cervical protection.

	<p>VM11620X01 Cleats with webbing restraint straps VM11620CX01 CLICK with webbing restraint straps VM11620CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 60cm Length: 200cm Weight: 5kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM11720X01 Cleats with webbing restraint straps VM11720CX01 CLICK with webbing restraint straps VM11720CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 70cm Length: 200cm Weight: 6kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM11820X01 Cleats with webbing restraint straps VM11820CX01 CLICK with webbing restraint straps VM11820CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 80cm Length: 200cm Weight: 7kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM11920X01 Cleats with webbing restraint straps VM11920CX01 CLICK with webbing restraint straps VM11920CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 90cm Length: 200cm Weight: 7,5kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM1201X01 Cleats with webbing restraint straps VM1201CX01 CLICK with webbing restraint straps VM1201CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 100cm Length: 210cm Weight: 8,5kg Carry handles: 8 Restraint straps: 4</p>

Tapering shape at head and foot area

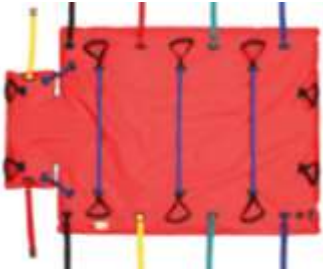

	<p>VM10X02 Cleats with webbing restraint straps</p> <p>VM10CX02 CLICK with webbing restraint straps</p> <p>VM10CHX02 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 80-88-80cm Length: 200cm Weight: 7kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM8021X01 Cleats with webbing restraint straps</p> <p>VM8021CX01 CLICK with webbing restraint straps</p> <p>VM8021CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 80-100-80cm Length: 210cm Weight: 8,5kg Carry handles: 12 Restraint straps: 4</p>
	<p>VM8121X01 Cleats with webbing restraint straps</p> <p>VM8121CX01 CLICK with webbing restraint straps</p> <p>VM8121CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/mid/foot: 80-108-80cm Length: 210cm Weight: 9kg Carry handles: 12 Restraint straps: 4</p>

Rectangular shape

	<p>VM620X01 Cleats with webbing restraint straps</p> <p>VM620CX01 CLICK with webbing restraint straps</p> <p>VM620CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 60cm Length: 200cm Weight: 6kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM720X01 Cleats with webbing restraint straps</p> <p>VM720CX01 CLICK with webbing restraint straps</p> <p>VM720CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 70cm Length: 200cm Weight: 6,5kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM820X01 Cleats with webbing restraint straps</p> <p>VM820CX01 CLICK with webbing restraint straps</p> <p>VM820CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 80cm Length: 200cm Weight: 7kg Carry handles: 8 Restraint straps: 4</p>
	<p>VM1021X01 Cleats with webbing restraint straps</p> <p>VM1021CX01 CLICK with webbing restraint straps</p> <p>VM1021CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 100cm Length: 210cm Weight: 8,5kg Carry handles: 12 Restraint straps: 4</p>
	<p>VM1121X01 Cleats with webbing restraint straps</p> <p>VM1121CX01 CLICK with webbing restraint straps</p> <p>VM1121CHX01 CLICK with wipe-clean restraint straps</p> <p>Width: 108cm Length: 210cm Weight: 9kg Handles: 12 Carry handles: 12 Restraint straps: 4</p>

For obese patients

Slits for gurney safety belts in the neck area Glassfiber rod for cervical protection.


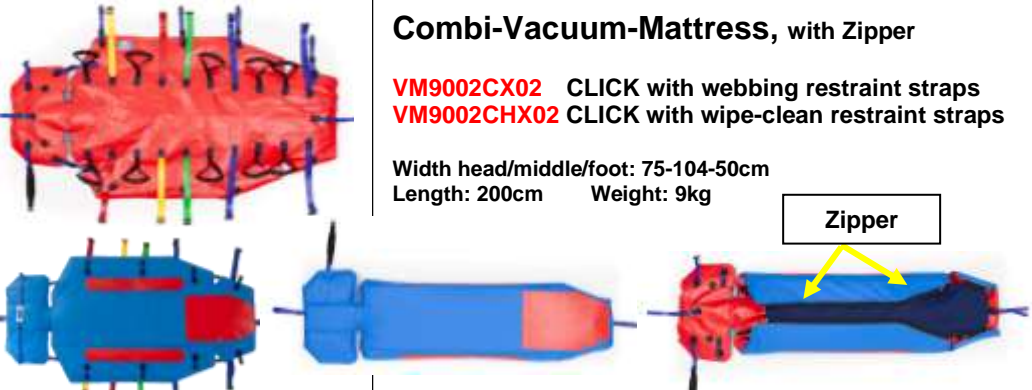

	<p>VM1421X01 Cleats with webbing restraint straps</p>
	<p>VM1421CX01 CLICK with webbing restraint straps VM1421CHX01 CLICK with wipe-clean restraint straps</p>

The RedVac Combi-Vacuum-Mattress

2 in 1 - Combines the standard mattress and the vacuum mattress

Body shape with head fixation. Slits for gurney safety belts.

Glass fiber rod for cervical protection.

	<p>Combi-Vacuum-Mattress, without Zipper</p> <p>VM9001CX01 CLICK with webbing restraint straps</p> <p>VM9001CHX01 CLICK with wipe-clean restraint straps</p> <p>Width head/middle/foot: 75-104-50cm Length: 200cm Weight: 9kg</p>
	<p>Combi-Vacuum-Mattress, with Zipper</p> <p>VM9002CX02 CLICK with webbing restraint straps VM9002CHX02 CLICK with wipe-clean restraint straps</p> <p>Width head/middle/foot: 75-104-50cm Length: 200cm Weight: 9kg</p>
	<p>Vacuum Pillow VK200</p> <p>Width: 57cm Length: 39cm Weight: 0,5kg</p>



The RedVac Vacuum-Head-Immobiliser - for the Spine Board & the Scoop Stretcher

- Quick and easy positioning of the immobiliser
- No manipulation of head and cervical spine
- Adjusts automatically to any head shape and size
- Ears remain free for unrestricted hearing and medical examination
- Solid and comfortable immobilisation



Specification

	<p>Head Immobiliser VK98X07 Width: 38cm Length: 31cm Weight: 0,7kg</p> <p>Base plates GP08 for scoop stretcher GP11 for back board</p>
	<p>Head Immobiliser with buckles for attachment VK94X17</p> <p>Width: 38cm Length: 31cm Weight: 0,7kg</p>



RedVac Vacuum Extrication Device

- the answer to your extrication challenges!
- fits every patient, pregnant – overweight ... no problem!
- comfortable – no respiratory impairment!

Specification

<p>VED24X02</p> <p>Width, head: 40cm Width, middle: 106cm Length: 94cm Weight: 2,5kg</p>



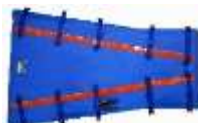
RedVac EMS Vacuum Extremity Splints




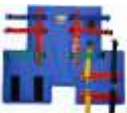







Optional restraint systems:

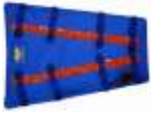
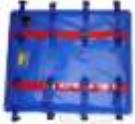






CLICK-System Hook & Loop Red Stripes Cleats







Patient straps:
Webbing of PP
Wipe-clean of PVC
Choice of colours




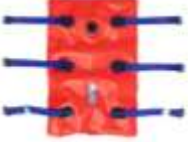

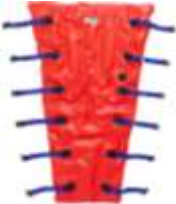


Angulate design







  	Forearm Splints VS60X01 Red Stripes with Webbing VS61X01 Red Stripes with Webbing Restraint straps: 3 Width: 35cm Length: 50cm Weight: 0,33kg	1-Chamber Multi-Chamber-Sack
	Arm Splints VS62X01 Red Stripes with Webbing VS63X03 Red Stripes with Webbing Restraint straps: 5 Width top/foot: 43-70cm Length: 56cm Weight: 0,9kg	1-Chamber Multi-Chamber-Sack
	Leg Splints VS64X21 Red Stripes with Webbing VS65X21 Red Stripes with Webbing Restraint straps: 5 Width top/foot: 64-70cm Length: 103cm Weight: 1,9kg	1-Chamber Multi-Chamber-Sack
  	Forearm Splints VS60CX05 CLICK with Webbing VS60CHX05 CLICK with Wipe-Clean Straps VS61CX05 CLICK with Webbing VS61CHX05 CLICK with Wipe-Clean Straps VS61CPX05 CLICK with Webbing VS61CPHX05 CLICK with Wipe-Clean Straps Restraint straps: 3 Width: 35cm Length: 50cm Weight: 0,33kg	1-Chamber 1-Chamber Multi-Chamber-Sack Multi-Chamber-Sack DOT-Chamber DOT-Chamber
	Arm Splints VS62CX05 CLICK with Webbing VS62CHX05 CLICK with Wipe-Clean Straps VS63CX05 CLICK with Webbing VS63CHX05 CLICK with Wipe-Clean Straps VS63CPX05 CLICK with Webbing VS63CPHX05 CLICK with Wipe-Clean Straps Restraint straps: 5 Width top/foot: 43-70cm Length: 56cm Weight: 0,9kg	1-Chamber 1-Chamber Multi-Chamber-Sack Multi-Chamber-Sack DOT-Chamber DOT-Chamber
	Leg Splints VS64CX05 CLICK with Webbing VS64CHX05 CLICK with Wipe-Clean Straps VS65CX23 CLICK with Webbing VS65CHX23 CLICK with Wipe-Clean Straps VS65CPX23 CLICK with Webbing VS65CPHX23 CLICK with Wipe-Clean Straps Restraint straps: 5 Width top/foot: 64-70cm Length: 103cm Weight: 1,9kg	1-Chamber 1-Chamber Multi-Chamber-Sack Multi-Chamber-Sack DOT-Chamber DOT-Chamber
  	Forearm Splints VS60X20V Hook & Loop straps VS61X20V Hook & Loop straps VS61PX20V Hook & Loop straps Restraint straps: 3 Width: 35cm Length: 50cm Weight: 0,33kg	1-Chamber Multi-Chamber-Sack DOT-Chamber
	Arm Splints VS62X20V Hook & Loop straps VS63X20V Hook & Loop straps VS63PX20V Hook & Loop straps Restraint straps: 4 Width top/foot: 43-70cm Length: 56cm Weight: 0,9kg Welded-on non-removable valve	1-Chamber Multi-Chamber-Sack DOT-Chamber
	Leg Splints VS64X20V Hook & Loop straps VS65X20V Hook & Loop straps VS65PX20V Hook & Loop straps Restraint straps: 5 Width top/foot: 64-70cm Length: 103cm Weight: 1,9kg Welded-on non-removable valve	1-Chamber Multi-Chamber-Sack DOT-Chamber







	<p>Arm splint</p> <p>VA14X02 Red Stripes with Webbing 1-Chamber VA14X01 Red Stripes with Webbing Multi-Chamber-Sack</p> <p>Restraint straps: 4 Width: top/hand: 50-30cm Length: 67cm Weight: 0,9kg</p>
	<p>Ankle splint</p> <p>VK15X02 Red Stripes with Webbing 1-Chamber VK15X01 Red Stripes with Webbing Multi-Chamber-Sack</p> <p>Restraint straps: 4 Width: 47cm Length: 57cm Weight: 0,9kg</p>
	<p>Leg splint</p> <p>VL21X02 Red Stripes with Webbing 1-Chamber VL21X01 Red Stripes with Webbing Multi-Chamber-Sack</p> <p>Restraint straps: 5 Width: top/hand: 70-40cm Length: 110cm Weight: 1,9kg</p>
	<p>Large leg splint</p> <p>VL18X02 Red Stripes with Webbing 1-Chamber VL18X01 Red Stripes with Webbing Multi-Chamber-Sack</p> <p>Restraint straps: 5 Width: top/hand: 70-45cm Length: 135cm Weight: 2,1kg</p>
	<p>Arm splint</p> <p>VA14X04 CLEAT with webbing 1-Chamber VA14X03 CLEAT with Webbing Multi-Chamber-Sack VA14CX04 CLICK with webbing 1-Chamber VA14CHX04 CLICK with Wipe-Clean Straps 1-Chamber VA14CX03 CLICK with Webbing Multi-Chamber-Sack VA14CHX03 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VA14CPX03 CLICK with Webbing DOT-Chamber VA14CPHX03 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 4 Width: top/hand: 50-30cm Length: 67cm Weight: 0,9kg</p>
	<p>Ankle splint</p> <p>VK15X04 CLEAT with webbing 1-Chamber VK15X03 CLEAT with Webbing Multi-Chamber-Sack VK15CX04 CLICK with webbing 1-Chamber VK15CHX04 CLICK with Wipe-Clean Straps 1-Chamber VK15CX03 CLICK with Webbing Multi-Chamber-Sack VK15CHX03 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VK15CPX03 CLICK with Webbing DOT-Chamber VK15CPHX03 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 4 Width: 47cm Length: 57cm Weight: 0,9kg</p>
	<p>Leg splint</p> <p>VL21X04 CLEAT with webbing 1-Chamber VL21X03 CLEAT with Webbing Multi-Chamber-Sack VL21CX04 CLICK with webbing 1-Chamber VL21CHX04 CLICK with Wipe-Clean Straps 1-Chamber VL21CX03 CLICK with Webbing Multi-Chamber-Sack VL21CHX03 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VL21CPX03 CLICK with Webbing DOT-Chamber VL21CPHX03 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 5 Width: top/hand: 70-40cm Length: 110cm Weight: 1,9kg</p>
	<p>Large leg splint</p> <p>VL18X04 CLEAT with webbing 1-Chamber VL18X03 CLEAT with Webbing Multi-Chamber-Sack VL18CX04 CLICK with webbing 1-Chamber VL18CHX04 CLICK with Wipe-Clean Straps 1-Chamber VL18CX03 CLICK with Webbing Multi-Chamber-Sack VL18CHX03 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VL18CPX03 CLICK with Webbing DOT-Chamber VL18CPHX03 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 5 Width: top/hand: 70-45cm Length: 135cm Weight: 2,1kg</p>

	<p>Forearm Splints</p> <p>VS100CKX02 Loop strap with CLICK 1-Chamber VS100CKX01 Loop strap with CLICK Multi-Chamber-Sack VS100CPKX01 Loop strap with CLICK DOT-Chamber</p> <p>Restraint straps: 2 Width: 35cm Length: 53cm Weight: 0,5kg</p>
	<p>Arm splints</p> <p>VS120CKX02 Loop strap with CLICK 1-Chamber VS120CKX01 Loop strap with CLICK Multi-Chamber-Sack VS120CPKX01 Loop strap with CLICK DOT-Chamber</p> <p>Restraint straps: 4 Width: 63-47cm Length: 74cm Weight: 1,1kg</p>
	<p>Leg Splints</p> <p>VS140CKX02 Loop strap with CLICK 1-Chamber VS140CKX01 Loop strap with CLICK Multi-Chamber-Sack VS140CPKX01 Loop strap with CLICK DOT-Chamber</p> <p>Restraint straps: 6 Width: 70-36cm Length: 110cm Weight: 2,1kg</p>
	<p>Forearm Splints</p> <p>VS100CX02 Webbing with CLICK 1-Chamber VS100CHX02 Wipe-Clean-Strap with CLICK 1-Chamber VS100CX01 Webbing with CLICK Multi-Chamber-Sack VS100CHX01 Wipe-Clean-Strap with CLICK Multi-Chamber-Sack VS100CPX01 Webbing with CLICK DOT-Chamber VS100CPHX01 Wipe-Clean-Strap with CLICK DOT-Chamber</p> <p>Restraint straps: 3 Width: 35cm Length: 53cm Weight: 0,5kg</p>
<p>Arm</p> 	<p>Arm splints</p> <p>VS120CX02 Webbing with CLICK 1-Chamber VS120CHX02 Wipe-Clean-Strap with CLICK 1-Chamber VS120CX01 Webbing with CLICK Multi-Chamber-Sack VS120CHX01 Wipe-Clean-Strap with CLICK Multi-Chamber-Sack VS120CPX01 Webbing with CLICK DOT-Chamber VS120CPHX01 Wipe-Clean-Strap with CLICK DOT-Chamber</p> <p>Restraint straps: 4 Width: 63-47cm Length: 74cm Weight: 1,1kg</p>
<p>Bein</p> 	<p>Leg Splints</p> <p>VS140CX02 Webbing with CLICK 1-Chamber VS140CHX02 Wipe-Clean-Strap with CLICK 1-Chamber VS140CX01 Webbing with CLICK Multi-Chamber-Sack VS140CHX01 Wipe-Clean-Strap with CLICK Multi-Chamber-Sack VS140CPX01 Webbing with CLICK DOT-Chamber VS140CPHX01 Wipe-Clean-Strap with CLICK DOT-Chamber</p> <p>Restraint straps: 6 Width: 70-36cm Length: 110cm Weight: 2,1kg</p>




	<p>Forearm Splints</p> <p>VS100CKX04 Loop strap with CLICK 1-Chamber VS100CKX03 Loop strap with CLICK Multi-Chamber-Sack VS100CPKX03 Loop strap with CLICK DOT-Chamber</p> <p>Restraint straps: 2 Width: 35cm Length: 53cm Weight: 0,5kg</p>
	<p>Arm Splints</p> <p>VS120CKX04 Loop strap with CLICK 1-Chamber VS120CKX03 Loop strap with CLICK Multi-Chamber-Sack VS120CPKX03 Loop strap with CLICK DOT-Chamber</p> <p>Restraint straps: 4 Width: 63-47cm Length: 74cm Weight: 1,1kg</p>
	<p>Leg Splints</p> <p>VS140CKX04 Loop strap with CLICK 1-Chamber VS140CKX03 Loop strap with CLICK Multi-Chamber-Sack VS140CPKX03 Loop strap with CLICK DOT-Chamber</p> <p>Restraint straps: 6 Width: 70-36cm Length: 110cm Weight: 2,1kg</p>
	<p>Forearm Splints</p> <p>VS100CX04 Webbing with CLICK 1-Chamber VS100CHX04 Wipe-Clean-Strap with CLICK 1-Chamber VS100CX03 Webbing with CLICK Multi-Chamber-Sack VS100CHX03 Wipe-Clean-Strap with CLICK Multi-Chamber-Sack VS100CPX03 Webbing with CLICK DOT-Chamber VS100CPHX03 Wipe-Clean-Strap with CLICK DOT-Chamber</p> <p>Restraint straps: 3 Width: 35cm Length: 53cm Weight: 0,5kg</p>
	<p>Arm Splints</p> <p>VS120CX04 Webbing with CLICK 1-Chamber VS120CHX04 Wipe-Clean-Strap with CLICK 1-Chamber VS120CX03 Webbing with CLICK Multi-Chamber-Sack VS120CHX03 Wipe-Clean-Strap with CLICK Multi-Chamber-Sack VS120CPX03 Webbing with CLICK DOT-Chamber VS120CPHX03 Wipe-Clean-Strap with CLICK DOT-Chamber</p> <p>Restraint straps: 4 Width: 63-47cm Length: 74cm Weight: 1,1kg</p>
	<p>Leg Splints</p> <p>VS140CX04 Webbing with CLICK 1-Chamber VS140CHX04 Wipe-Clean-Strap with CLICK 1-Chamber VS140CX03 Webbing with CLICK Multi-Chamber-Sack VS140CHX03 Wipe-Clean-Strap with CLICK Multi-Chamber-Sack VS140CPX03 Webbing with CLICK DOT-Chamber VS140CPHX03 Wipe-Clean-Strap with CLICK DOT-Chamber</p> <p>Restraint straps: 6 Width: 70-36cm Length: 110cm Weight: 2,1kg</p>

Splints with Hook & Loop




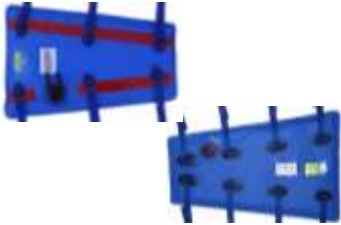
	<p>Arm Splint</p> <p>VS101X01 Hook & Loop straps with Multi-Chamber-Sack</p> <p>Restraint straps: 2 Width: Top/Hand: 40-30cm Length: 73cm Weight: 0,7kg</p>
	<p>Leg Splint</p> <p>VS103X01 Hook & Loop straps with Multi-Chamber-Sack</p> <p>Restraint straps: 4 Width: Top/Foot: 60-18cm Length: 96cm Weight: 1,9kg</p>
	<p>Leg Splint</p> <p>VS105X01 Hook & Loop straps with Multi-Chamber-Sack</p> <p>Restraint straps: 5 Width: Top/Foot: 73-18cm Length: 133cm Weight: 2,2kg</p>
	<p>Arm Splint</p> <p>VS101X02 Hook & Loop straps with Multi-Chamber-Sack</p> <p>Restraint straps: 2 Width: Top/Hand: 40-30cm Length: 73cm Weight: 0,7kg</p>
	<p>Leg Splint</p> <p>VS103X02 Hook & Loop straps with Multi-Chamber-Sack</p> <p>Restraint straps: 4 Width: Top/Foot: 60-18cm Length: 96cm Weight: 1,9kg</p>
	<p>Leg Splint</p> <p>VS105X02 Hook & Loop straps with Multi-Chamber-Sack</p> <p>Restraint straps: 5 Width: Top/Foot: 73-18cm Length: 133cm Weight: 2,2kg</p>

	<p>Forearm splint</p> <p>VS66X03 Cleats with Webbing 1-Chamber VS66CX03 CLICK with Webbing 1-Chamber VS66CHX03 CLICK with Wipe-Clean Straps 1-Chamber VS67X03 Cleats with Webbing Multi-Chamber-Sack VS67CX03 CLICK with Webbing Multi-Chamber-Sack VS67CHX03 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VS67CPX03 CLICK with Webbing DOT-Chamber VS67CPHX03 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 3 Width: 30cm Length: 35cm Weight: 0.3ka</p>
	<p>Arm splint</p> <p>VS68X04 Cleats with Webbing 1-Chamber VS68CX04 CLICK with Webbing 1-Chamber VS68CHX04 CLICK with Wipe-Clean Straps 1-Chamber VS69X03 Cleats with Webbing Multi-Chamber-Sack VS69CX03 CLICK with Webbing Multi-Chamber-Sack VS69CHX03 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VS69CPX03 CLICK with Webbing DOT-Chamber VS69CPHX03 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 4 Width: top/hand: 65-44cm Length: 70cm Weight: 1,5kg</p>
	<p>Leg splint</p> <p>VS70X03 Cleats with Webbing 1-Chamber VS70CX03 CLICK with Webbing 1-Chamber VS70CHX03 CLICK with Wipe-Clean Straps 1-Chamber VS71X03 Cleats with Webbing Multi-Chamber-Sack VS71CX03 CLICK with Webbing Multi-Chamber-Sack VS71CHX03 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VS71CPX03 CLICK with Webbing DOT-Chamber VS71CPHX03 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 5 Width: top/foot: 70-55cm Length: 90cm Weight: 1,9kg</p>
	<p>Forearm splint</p> <p>VS66X04 Cleats with Webbing 1-Chamber VS66CX04 CLICK with Webbing 1-Chamber VS66CHX04 CLICK with Wipe-Clean Straps 1-Chamber VS67X04 Cleats with Webbing Multi-Chamber-Sack VS67CX04 CLICK with Webbing Multi-Chamber-Sack VS67CHX04 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VS67CPX04 CLICK with Webbing DOT-Chamber VS67CPHX04 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 3 Width: 30cm Length: 35cm Weight: 0,3kg</p>
	<p>Arm splint</p> <p>VS68X05 Cleats with Webbing 1-Chamber VS68CX05 CLICK with Webbing 1-Chamber VS68CHX05 CLICK with Wipe-Clean Straps 1-Chamber VS69X04 Cleats or Stripes with Webbing Multi-Chamber-Sack VS69CX04 CLICK with Webbing Multi-Chamber-Sack VS69CHX04 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VS69CPX04 CLICK with Webbing DOT-Chamber VS69CPHX04 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 4 Width: top/hand: 65-44cm Length: 70cm Weight: 1,5kg</p>
	<p>Leg splint</p> <p>VS70X04 Cleats with Webbing 1-Chamber VS70CX04 CLICK with Webbing 1-Chamber VS70CHX04 CLICK with Wipe-Clean Straps 1-Chamber VS71X04 Cleats with Webbing Multi-Chamber-Sack VS71CX04 CLICK with Webbing Multi-Chamber-Sack VS71CHX04 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VS71CPX04 CLICK with Webbing DOT-Chamber VS71CPHX04 CLICK with Wipe-Clean Straps DOT-Chamber</p> <p>Restraint straps: 5 Width: top/foot: 70-55cm Length: 90cm Weight: 1,9kg</p>

Vacuum-Mattresses

	<p>VM710X11 No patient restraint straps 1-Chamber VM710PX11 No patient restraint straps DOT-Chamber 4 built in handles Width: 70cm Length: 100cm Weight: 3,5kg</p>
	<p>VM710X09 Cleats with Webbing 1-Chamber VM710X08 Cleats with Webbing Multi-Chamber-Sack VM710CX09 CLICK with Webbing 1-Chamber VM710CX08 CLICK with Webbing Multi-Chamber-Sack VM710CPX08 CLICK with Webbing DOT-Chamber VM710CHX09 CLICK with Wipe-Clean Straps 1-Chamber VM710CHX08 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VM710CPHX08 CLICK with Wipe-Clean Straps DOT-Chamber Carry handles: 4 Restraint straps: 3 Width: 70cm Length: 100cm Weight: 3,5kg</p>
	<p>VM710X14 Cleats with Webbing 1-Chamber VM710X13 Cleats with Webbing Multi-Chamber-Sack VM710CX14 CLICK with Webbing 1-Chamber VM710CX13 CLICK with Webbing Multi-Chamber-Sack VM710CPX13 CLICK with Webbing DOT-Chamber VM710CHX14 CLICK with Wipe-Clean Straps 1-Chamber VM710CHX13 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VM710CPHX13 CLICK with Wipe-Clean Straps DOT-Chamber Carry handles: 4 Restraint straps: 3 Width: 70cm Length: 100cm Weight: 4kg</p> <p>VM712X10 Cleats with Webbing 1-Chamber VM712X09 Cleats with Webbing Multi-Chamber-Sack VM712CX10 CLICK with Webbing 1-Chamber VM712CX09 CLICK with Webbing Multi-Chamber-Sack VM712CPX09 CLICK with Webbing DOT-Chamber VM712CHX10 CLICK with Wipe-Clean Straps 1-Chamber VM712CHX09 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VM712CPHX09 CLICK with Wipe-Clean Straps DOT-Chamber Carry handles: 4 Restraint straps: 3 Width: 70cm Length: 120cm Weight: 4,5kg</p>

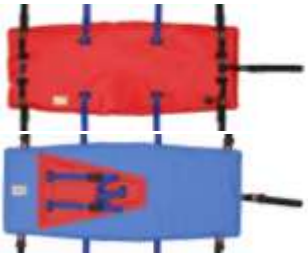

Pediatric Vacuum Splints

	<p>Arm splint, angled VS56X20V Hook & Loop straps 1-Chamber Restraint straps: 3 Width top/hand: 50-28cm Length: 42cm Weight: 0,6 kg</p>
	<p>Leg Splint VS58X20V Hook & Loop straps 1-Chamber Restraint straps: 3 Width top/foot: 38-25cm Length: 56cm Weight: 0,7kg</p>
	<p>Arm Splint, angled VS56X01 Cleats or Stripes with Webbing 1-Chamber VS56CX01 CLICK with Webbing 1-Chamber VS56CHX01 CLICK with Wipe-Clean Straps 1-Chamber VS57CPX01 CLICK with Webbing DOT-Chamber VS57CPHX01 CLICK with Wipe-Clean Straps DOT-Chamber Restraint straps: 3 Width top/hand: 50-28cm Length: 42cm Weight: 0,6 kg</p>
	<p>Leg Splint VS58X01 Cleats or Stripes with Webbing 1-Chamber VS58CX01 CLICK with Webbing 1-Chamber VS58CHX01 CLICK with Wipe-Clean Straps 1-Chamber VS59X01 Red Stripes with Webbing Multi-Chamber-Sack VS59CX01 CLICK with Webbing Multi-Chamber-Sack VS59CPX01 CLICK with Webbing DOT-Chamber VS59CPHX01 CLICK with Wipe-Clean Straps DOT-Chamber Restraint straps: 4 Width top/foot: 38-25cm Length: 56cm Weight: 0,7kg</p>

RedVac Pediatric Systems

for use on the ambulance gurney

Pediatric Vacuum-Mattresses




	<p> VKF04X01 Cleats with Webbing Multi-Chamber-Sack VKF04CX01 CLICK with Webbing Multi-Chamber-Sack VKF04CHX01 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VKF04CPX01 CLICK with Webbing DOT-Chamber VKF04CPHX01 CLICK with Wipe-Clean Straps DOT-Chamber </p> <p> Restraint straps: 5 Securing straps: 5 Width Head/Middle/Foot: 53-61-53 cm Length: 140cm Weight: 3,5 kg </p>
	<p> VKF06X02 Cleats with Webbing Multi-Chamber-Sack VKF06CX02 CLICK with Webbing Multi-Chamber-Sack VKF06CHX02 CLICK with Wipe-Clean Straps Multi-Chamber-Sack VKF06CPX02 CLICK with Webbing DOT-Chamber VKF06CPHX02 CLICK with Wipe-Clean Straps DOT-Chamber </p> <p> Carry handles: 4 Restraint straps: 3 Width Top/Hand: 85-65 cm Length: 115cm Weight: 2,9 kg </p>

RedVac JUNIOR

Pediatric Restraint System for use with or without vacuum mattress



JUNIOR is a restraint system for safe transportation of children in ambulances. It is compatible with most ambulance gurneys. The system is suitable for new-borns and children up to around 7 years with body length 130 cm and weight of 35 kg.

<p>Junior</p> 	<p>KF01X07</p> <p> Width head: 39 cm Width foot: 20 cm Length: 74 cm Weight: 1,3 kg </p> <p> Restraint straps: 4 Securing straps: 6 </p>
<p>Vacuum mattresses for JUNIOR</p> 	<p> VKF01PX02 Hook & Loop straps DOT-Chamber VKF01CPX02 CLICK with Webbing DOT-Chamber VKF01CPHX02 CLICK with Wipe-Clean straps DOT-Chamber </p> <p> Width: 45 cm Length: 80 cm Weight: 0,75 kg </p> <p>Restraint straps: 3</p>
	<p> VKF02PX01 Hook & Loop straps DOT-Chamber VKF02CPX01 CLICK with Webbing DOT-Chamber VKF02CPHX01 CLICK with Wipe-Clean straps DOT-Chamber </p> <p> Width Head/Middle/Foot: 45/62/62 cm Length: 138 cm Weight: 1,2 kg </p> <p>Restraint straps: 5</p>

Accessories for Vacuum Products

Can only be ordered together with the product

Antiskid systems

AS01
Three (3) stars with six cleats each



AS02
Three (3) rubber bands



Integrated Head Immobiliser

HI01



Integrated Leg Separator

LS01



Customised labels

Property indicator label



Label sizes:

8cm x 5cm

17cm x 7cm

A4

Repair Kit

9022
Repair Kit with
self-adhesive patches



Vacuum Pumps & Carry Bags

	<p>HP01 One-Hand pump, plastic Length: 21cm Width: 14cm Weight: 0,6kg</p>
	<p>HP03 Hand pump, aluminium Length: 30cm Width: 4cm Weight: 0,4kg</p>
	<p>HP04 Hand pump, plastic Length: 28cm Width: 11 / 4,5cm Weight: 0,170kg</p>
	<p>FP01 Foot pump, plastic Length: 43cm Width: 11cm Weight: 0,75kg</p>
	<p>HFP02 Hand- and Foot pump, plastic. Length: 45cm Width: 6cm Weight: 0,95kg</p>
	<p>FP04 Foot pump, aluminium Length: 54cm Width: 6cm Weight: 1,4kg</p>
<p>Carry bag for RedVac Junior</p> 	<p>TS04 Nylon fabric Colour: blue TS04C B/R Cordura fabric Colour: blue, red TS04V B/R/G/Y Wipe-off foil Colour: blue, red, green, yellow</p> <p>Length-Width-Height: 40-20-10cm Weight: 0,25kg</p>
<p>Carry bag for splint set</p> 	<p>TS06 Nylon fabric Colour: blue TS06C B/R Cordura fabric Colour: blue, red TS06V B/R/G/Y Wipe-off foil Colour: blue, red, green, yellow</p> <p>Length-Width-Height: 65-45-12cm Weight: 0,4kg</p>
<p>Carry bag for mattress with backpack straps</p>  	<p>TM01 Nylon fabric Colour: blue TM01C B/R Cordura fabric Colour: blue, red TM01V B/R/G/Y Wipe-off foil Colour: blue, red, green, yellow</p> <p>for mattress with width less than 90cm Length-Width-Height: 80-45-25cm Weight: 0,7kg</p> <p>TM02 Nylon fabric Colour: blue TM02C B/R Cordura fabric Colour: blue, red TM02V B/R/G/Y Wipe-off foil Colour: blue, red, green, yellow</p> <p>for mattress with width of more than 90cm Length-Width-Height: 100-45-30cm Weight: 1kg</p>

TRS Thermo Rescue Sack

for use with a vacuum mattress
and/or spine boards or rescue stretchers



- Heatinsulating, water repellent and rugged material provides good protection without additional blanket
- Designed for easy access to the patient
- 10 carry handles
- Under surface with antiskid stripes
- Zipper and Hook-and-Loop closing for fast handling and easy access to the patient
- Optional property indicator label
- CE marked



Undersurface with antiskid stripes




Easy access to the patient



Also very tall patients can be accommodated

Specification

	<p>TRSX01 Material: Nylon Carry Handles: 10 Width Head/Middle/Foot: 45cm/70cm/40cm Length: 200cm Weight: 2,5kg</p>
	<p>TRSX02 Material: Nylon Carry Handles: 10 Width Head/Middle/Foot: 45cm/70cm/40cm Length: 220cm Weight: 2,9kg</p>
	<p>TRSX03 Material: CORDURA quilted Carry Handles: 10 Width Head/Middle/Foot: 45cm/70cm/40cm Length: 220cm Weight: 2,9kg</p>

BRS Helicopter Rescue Sack

for use with a vacuum mattress and/or spine boards or rescue stretchers



- Optimised for rescue with helicopter and use with vacuum mattress
- The vacuum mattress can be deflated without opening the rescue bag
- Antiskid under surface to prevent slipping on snow
- Hook and loop fastener and zipper for easy access to the patient and to avoid wind-sack phenomenon and rotation
- Stable head protection
- Lifting strap system is adjustable to achieve horizontal position of the patient
- Patient restraint straps with metal buckles
- Pocket for vacuum pump
- Plated-through holes for free drainage of water
- Anti-rotation rings
- CE labelled and certified for helicopter lifting

BRS03

All straps are sewn onto the rescue bag and are stowed in easy to open pockets



BRS04

The detachable lifting bridle is attached to the carry handles with karabiner



Easy access to the patient



Integrated bag for the vacuum pump



Undersurface with antiskid stripes



Specification

	<p>BRS03 BRS04 Carry Handles: 10 Patient restraint straps: 5 Width, Head-Middle-Foot: 40-70-45cm Length: 220 cm Weight: 4 kg</p> <p>TBRS03 Carry bag Width-Length-Height: 44-80-33 cm Weight: 1 kg</p>
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KOHLBRAT & BUNZ

Emergency & Rescue Systems

Made in Austria

Quality management in accordance with
EN ISO 9001 - EN ISO 13485

certified by



made by

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Pictures are symbolic and may differ from the original. Stated weights are approximate.
Subject to technical changes.