

# EMS Vacuum Immobilisation Catalogue 2021





### RedVac EMS Vacuum Immobilisation

Content	Page	
RedVac made in Austria	3	
The RedVac System	4-5	
Mattresses	6-10	
Head Immobilisation	11	
Extremity Splints	12-16	
Extrication Device	17	
Pediatric	18-19	
Accessories	20	
Pumps & Bags	21	
Thermo Rescue Sack	22	N. M.
Helicopter Rescue Sack	23	

# Developed and manufactured in Austria RedVac



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 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 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 released and service use a valve when we have the released and service use a valve when we have the released and service use a valve when we have the released and service use a valve when we have the released and service use a valve when we have the released and service use a valve when we have the released and service use a valve when the released and the r

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 **CLICK** with webbing restraint straps VM01CX02 **CLICK** with wipe-clean restraint straps VM01CHX02

Width head/mid/foot: 40-88-50cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 4

### Body shape



Cleats with webbing restraint straps VM03X03 VM03CX03 **CLICK** with webbing restraint straps **CLICK** with wipe-clean restraint straps VM03CHX03

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.



Cleats with webbing restraint straps VM03X05 **CLICK** with webbing restraint straps VM03CX05 **CLICK** with wipe-clean restraint straps VM03CHX05

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 tramsportation



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

Cleats with webbing restraint straps VM09X01 **CLICK** with webbing restraint straps VM09CX01 **CLICK** with wipe-clean restraint straps VM09CHX01

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.



Cleats with webbing restraint straps VM200X06 **CLICK** with webbing restraint straps VM200CX06 **CLICK** with wipe-clean restraint straps VM200CHX06

Width head/mid/foot: 40-88-60cm Length: 200cm Weight: 7kg Carry handles: 8 Patient restraint straps: 6

VM201X10 Cleats with webbing restraint straps **CLICK** with webbing restraint straps VM201CX10 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



VM500X03 Cleats with webbing restraint straps VM500CX03 **CLICK** with webbing restraint straps VM500CHX03 **CLICK** with wipe-clean restraint straps

Width head/mid/foot: 60-88-88cm Length: 200cm Weight: 7,5kg

Carry handles: 8 Patient restraint straps: 5

VM501X03 Cleats with webbing restraint straps VM501CX03 CLICK with webbing restraint straps **CLICK** with wipe-clean restraint straps VM501CHX03

Width head/mid/foot: 60-100-100cm Length: 210cm Weight: 8,5kg

Carry handles: 8 Patient restraint straps: 5

Cleats with webbing restraint straps VM502X01 VM502CX01 **CLICK** with webbing restraint straps VM502CHX01. **CLICK** with wipe-clean restraint straps

Width head/mid/foot: 60-80-80cm Length: 200cm Weight: 7kg

Carry handles: 8 Patient restraint straps: 5

VM5000X01

VM5002CHX01

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

VM5000CX01 **CLICK** with webbing restraint straps VM5000CHX01 **CLICK** with wipe-clean restraint straps

Cleats with webbing restraint straps

Width head/mid/foot: 65-88-88cm Length: 200cm Weight: 7kg

Carry handles: 8 Patient restraint straps: 5

Cleats with webbing restraint straps VM5001X01 **CLICK** with webbing restraint straps VM5001CX01 VM5001CHX01 **CLICK** with wipe-clean restraint straps

Width head/mid/foot: 65-100-100cm Length: 210cm Weight: 8kg

Carry handles: 12 Patient restraint straps: 5

Cleats with webbing restraint straps VM5002X01 **CLICK** with webbing restraint straps VM5002CX01 **CLICK** with wipe-clean restraint straps

Width head/mid/foot: 65-80-80cm Length: 200cm Weight: 6kg

Carry handles: 8 Patient restraint straps: 5

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



VM7000X03 Cleats with webbing restraint straps VM7000CX03 **CLICK** with webbing restraint straps VM7000CHX03 CLICK with wipe-clean restraint straps

Width: 130cm Length: 205cm Weight: 10kg

Carry handles non-removable: 10 Carry handles removable: 4

Patient restraint straps: 5

VM7000X04 Cleats with webbing restraint straps VM7000CX04 **CLICK** with webbing restraint straps VM7000CHX04 **CLICK** with wipe-clean restraint straps

Width: 130cm Length: 205cm Weight: 10kg

Carry handles non-removable: 10 Patient restraint straps: 5

VM7001X01 Cleats with webbing restraint straps VM7001CX01 CLICK with webbing restraint straps **CLICK** with wipe-clean restraint straps VM7001CHX01

Width: 108cm Length: 205cm Weight: 9,5kg

Carry handles non-removable: 10 Carry handles removable: 4

Patient restraint straps: 5

VM7001X04 Cleats with webbing restraint straps VM7001CX04 CLICK with webbing restraint straps VM7001CHX04 **CLICK** with wipe-clean restraint straps

Width: 110cm Length: 205cm Weight: 9,5kg

Carry handles non-removable: 10 Patient restraint straps: 5





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



VM11X04 Cleats with webbing restraint straps
VM11CX04 CLICK with webbing restraint straps
VM11CHX04 CLICK with wipe-clean restraint straps

Width head/mid/foot: 80-88-80cm Length: 200cm Weight: 7kg

Carry handles: 8 Restraint straps: 4

VM1101X01 Cleats with webbing restraint straps
VM1101CX01 CLICK with webbing restraint straps
VM1101CHX04 CLICK with wipe-clean restraint straps

Width head/mid/foot: 80-100-80cm Length: 210cm Weight: 8kg

Carry handles: 12 Restraint straps: 4



VM1111X01 Cleats with webbing restraint straps
VM1111CX01 CLICK with webbing restraint straps
VM1111CHX01 CLICK with wipe-clean restraint straps

Width head/mid/foot: 80-108-80cm Length: 210cm Weight: 8,5kg

Carry handles: 12 Restraint straps: 4

VM1112X01 Cleats with webbing restraint straps
VM1112CX01 CLICK with webbing restraint straps
VM1112CHX01 CLICK with wipe-clean restraint straps

Width head/mid/foot: 80-108-80cm Length: 220cm Weight: 8,5kg

Carry handles: 8 Restraint straps: 4

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

VM11620X01 Cleats with webbing restraint straps
VM11620CX01 CLICK with webbing restraint straps
VM11620CHX01 CLICK with wipe-clean restraint straps

Width: 60cm Length: 200cm Weight: 5kg

Carry handles: 8 Restraint straps: 4

VM11720X01 Cleats with webbing restraint straps
VM11720CX01 CLICK with webbing restraint straps
VM11720CHX01 CLICK with wipe-clean restraint straps

Width: 70cm Length: 200cm Weight: 6kg

Carry handles: 8 Restraint straps: 4



VM11820X01 Cleats with webbing restraint straps
VM11820CX01 CLICK with webbing restraint straps
VM11820CHX01 CLICK with wipe-clean restraint straps

Width: 80cm Length: 200cm Weight: 7kg

Carry handles: 8 Restraint straps: 4

VM11920X01 Cleats with webbing restraint straps
VM11920CX01 CLICK with webbing restraint straps
VM11920CHX01 CLICK with wipe-clean restraint straps

Width: 90cm Length: 200cm Weight: 7,5kg

Carry handles: 8 Restraint straps: 4

VM1201X01 Cleats with webbing restraint straps
VM1201CX01 CLICK with webbing restraint straps
VM1201CHX01 CLICK with wipe-clean restraint straps

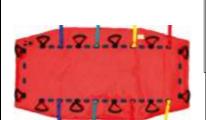
Width: 100cm Length: 210cm Weight: 8,5kg

Carry handles: 8 Restraint straps: 4



Tapering shape at head and foot area





VM10X02 Cleats with webbing restraint straps

VM10CX02 CLICK with webbing restraint straps
VM10CHX02 CLICK with wipe-clean restraint straps

Width head/mid/foot: 80-88-80cm Length: 200cm Weight: 7kg

Carry handles: 8 Restraint straps: 4

VM8021X01 Cleats with webbing restraint straps

VM8021CX01 CLICK with webbing restraint straps
VM8021CHX01 CLICK with wipe-clean restraint straps

Width head/mid/foot: 80-100-80cm Length: 210cm Weight: 8,5kg

Carry handles: 12 Restraint straps: 4

VM8121X01 Cleats with webbing restraint straps

VM8121CX01 CLICK with webbing restraint straps
VM8121CHX01 CLICK with wipe-clean restraint straps

Width head/mid/foot: 80-108-80cm Length: 210cm Weight: 9kg

Carry handles: 12 Restraint straps: 4

Rectangular shape

VM620X01 Cleats with webbing restraint straps

VM620CX01 CLICK with webbing restraint straps
VM620CHX01 CLICK with wipe-clean restraint straps

Width: 60cm Length: 200cm Weight: 6kg

Carry handles: 8 Restraint straps: 4

VM720X01 Cleats with webbing restraint straps

VM720CX01 CLICK with webbing restraint straps
VM720CHX01 CLICK with wipe-clean restraint straps

Width: 70cm Length: 200cm Weight: 6,5kg

Carry handles: 8 Restraint straps: 4

VM820X01 Cleats with webbing restraint straps

VM820CX01 CLICK with webbing restraint straps
VM820CHX01 CLICK with wipe-clean restraint straps

Width: 80cm Length: 200cm Weight: 7kg

Carry handles: 8 Restraint straps: 4

VM1021X01 Cleats with webbing restraint straps

VM1021CX01 CLICK with webbing restraint straps
VM1021CHX01 CLICK with wipe-clean restraint straps

Width: 100cm Length: 210cm Weight: 8,5kg

Carry handles: 12 Restraint straps: 4

VM1121X01 Cleats with webbing restraint straps

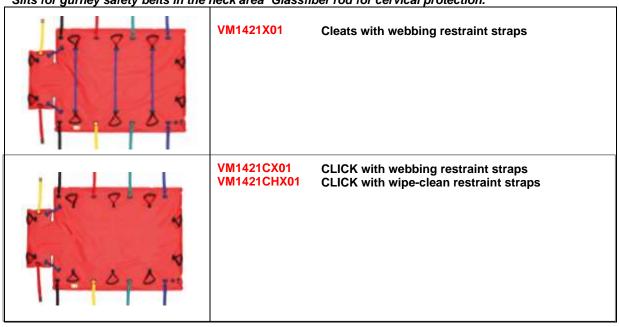
VM1121CX01
VM1121CHX01
CLICK with webbing restraint straps
CLICK with wipe-clean restraint straps

Width: 108cm Length: 210cm Weight: 9kg Handles: 12

Carry handles: 12 Restraint straps: 4



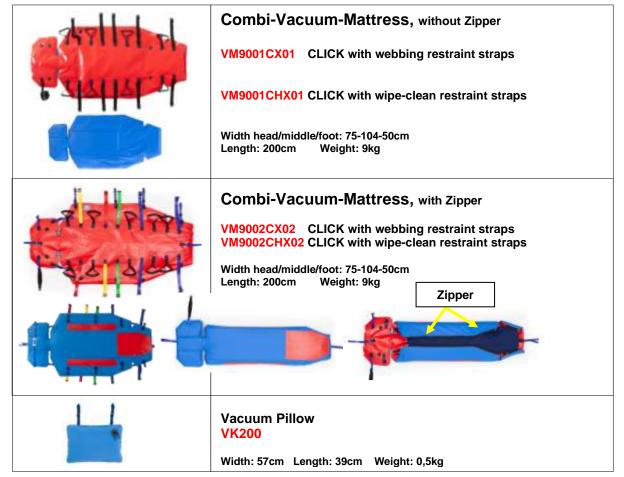
### For obese patients Slits for gurney safety belts in the neck area Glassfiber rod for cervical protection.



### 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.





# 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





### RedVac Vacuum Extrication Device

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



### **VED24X02**

Width, head: 40cm Width, middle: 106cm

Length: 94cm Weight: 2,5kg



### RedVac EMS Vacuum Extremity Splints Red



### Optional restraint systems:

CLICK-System Hook & Loop Red Stripes Cleats









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



			4	-		sia	
Δ	nı	411	121	-Δ	$\alpha$	CIO	ın
_	,,,	ıuı	aı	_ ,	ue	JIU	•

Angulate design	200			
10	Forearm Splints VS60X01 Red Stripes with Webbin VS61X01 Red Stripes with Webbin	ng Multi-Chamber-Sack		
dendamb.	Restraint straps: 3 Width: 35cm Length	n: 50cm Weight: 0,33kg		
7 7	Arm Splints VS62X01 Red Stripes with Webbin VS63X03 Red Stripes with Webbin			
	Restraint straps: 5 Width top/foot: 43-70	cm Length: 56cm Weight: 0,9kg		
-12 - 27	Leg Splints			
<b>*</b>	VS64X21 Red Stripes with Webbin VS65X21 Red Stripes with Webbin			
A.B.	Restraint straps: 5 Width top/foot: 64-700	cm Length: 103cm Weight: 1,9kg		
-	Forearm Splints VS60CX05 CLICK with Webbing VS60CHX05 CLICK with Wipe-Clean S	1-Chamber Straps 1-Chamber		
	VS61CX05 CLICK with Webbing VS61CHX05 CLICK with Wipe-Clean S	Multi-Chamber-Sack Straps Multi-Chamber-Sack		
	VS61CPX05 CLICK with Webbing VS61CPHX05 CLICK with Wipe-Clean S			
	Restraint straps: 3 Width: 35cm Length	n: 50cm Weight: 0,33kg		
000	Arm Splints VS62CX05 CLICK with Webbing VS62CHX05 CLICK with Wipe-Clean S	1-Chamber Straps 1-Chamber		
	VS63CX05 CLICK with Webbing VS63CHX05 CLICK with Wipe-Clean S	Multi-Chamber-Sack Straps Multi-Chamber-Sack		
	VS63CPX05 CLICK with Webbing VS63CPHX05 CLICK with Wipe-Clean S	•		
	Restraint straps: 5 Width top/foot: 43-70	cm Length: 56cm Weight: 0,9kg		
Total	Leg Splints VS64CX05 CLICK with Webbing VS64CHX05 CLICK with Wipe-Clean S	1-Chamber Straps 1-Chamber		
	VS65CX23 CLICK with Webbing VS65CHX23 CLICK with Wipe-Clean S	Multi-Chamber-Sack Straps Multi-Chamber-Sack		
	VS65CPX23 CLICK with Webbing VS65CPHX23 CLICK with Wipe-Clean S	DOT-Chamber Straps DOT-Chamber		
	<u> </u>	Restraint straps: 5 Width top/foot: 64-70cm Length: 103cm Weight: 1,9kg		
00	Forearm Splints VS60X20V Hook & Loop straps	1-Chamber		
(日)	VS61X20V Hook & Loop straps	Multi-Chamber-Sack		
	VS61PX20V Hook & Loop straps	DOT-Chamber		
	Restraint straps: 3 Width: 35cm Length: 50cm Weight: 0,33kg			
	Arm Splints VS62X20V Hook & Loop straps	1-Chamber		
100 E 100 E 100 E	VS63X20V Hook & Loop straps VS63PX20V Hook & Loop straps	Multi-Chamber-Sack DOT-Chamber		
	Restraint straps: 4 Width top/foot: 43-70cm Length: 56cm Weight: 0,9kg Welded-on non-removable valve			
	Leg Splints			
	VS64X20V Hook & Loop straps	1-Chamber		
1	VS65X20V Hook & Loop straps VS65PX20V Hook & Loop straps	Multi-Chamber-Sack DOT-Chamber		
	Restraint straps: 5 Width top/foot: 64-70	Ocm Length: 103cm Weight: 1,9kg		

Welded-on non-removable valve



	T	
	Arm splint	
	VA14X02 Red Stripes with Webbing VA14X01 Red Stripes with Webbing	1-Chamber Multi-Chamber-Sack
The second second	Restraint straps: 4 Width: top/hand: 50-30cm Length	n: 67cm Weight: 0,9kg
4-1-1-1	Ankle splint	
	VK15X02 Red Stripes with Webbing VK15X01 Red Stripes with Webbing	1-Chamber Multi-Chamber-Sack
Charles Consult Annual Consults	Red Stripes with Webbing Restraint straps: 4 Width: 47cm Length: 57cm Weig	
-		
Constitution of the last	Leg splint VL21X02 Red Stripes with Webbing	1-Chamber
	VL21X01 Red Stripes with Webbing	Multi-Chamber-Sack
	Restraint straps: 5 Width: top/hand: 70-40cm Length	n: 110cm Weight: 1,9kg
San Janes	Large leg splint	4 Chamban
4	VL18X02 Red Stripes with Webbing VL18X01 Red Stripes with Webbing	1-Chamber Multi-Chamber-Sack
	Restraint straps: 5 Width: top/hand: 70-45cm Length	n: 135cm Weight: 2,1kg
	Arm splint	
	VA14X04 CLEAT with webbing	1-Chamber
	VA14X03 CLEAT with Webbing	Multi-Chamber-Sack
	VA14CX04 CLICK with webbing VA14CHX04 CLICK with Wipe-Clean Straps	1-Chamber
and the same of	VA14CHX04 CLICK with Wipe-Clean Straps VA14CX03 CLICK with Webbing	1-Chamber Multi-Chamber-Sack
7 7 7	VA14CHX03 CLICK with Wipe-Clean Straps	Multi-Chamber-Sack
	VA14CPX03 CLICK with Webbing VA14CPHX03 CLICK with Wipe-Clean Straps	DOT-Chamber DOT-Chamber
	Restraint straps: 4 Width: top/hand: 50-30cm Length	
	Ankle splint VK15X04 CLEAT with webbing	1-Chamber
	VK15X03 CLEAT with Webbing	Multi-Chamber-Sack
	VK15CX04 CLICK with webbing	1-Chamber
# 1 2 2 E	VK15CHX04 CLICK with Wipe-Clean Straps VK15CX03 CLICK with Webbing	1-Chamber Multi-Chamber-Sack
-	VK15CHX03 CLICK with Wipe-Clean Straps	Multi-Chamber-Sack
	VK15CPX03 CLICK with Webbing VK15CPHX03 CLICK with Wipe-Clean Straps	DOT-Chamber DOT-Chamber
	Restraint straps: 4 Width: 47cm Length: 57cm Weig	
	Leg splint	,,eg
	VL21X04 CLEAT with webbing	1-Chamber
	VL21X03 CLEAT with Webbing	Multi-Chamber-Sack
W	VL21CX04 CLICK with webbing VL21CHX04 CLICK with Wipe-Clean Straps	1-Chamber 1-Chamber
11 / 7	VL21CX03 CLICK with Webbing	Multi-Chamber-Sack
	VL21CHX03 CLICK with Wipe-Clean Straps	Multi-Chamber-Sack
	VL21CPX03 CLICK with Webbing VL21CPHX03 CLICK with Wipe-Clean Straps	DOT-Chamber DOT-Chamber
	Restraint straps: 5 Width: top/hand: 70-40cm Length	n: 110cm Weight: 1,9kg
	Large leg splint	
	VL18X04 CLEAT with webbing	1-Chamber
	VL18X03 CLEAT with Webbing	Multi-Chamber-Sack
A Company of the Comp	VL18CX04 CLICK with webbing VL18CHX04 CLICK with Wipe-Clean Straps	1-Chamber 1-Chamber
The second	VL18CX03 CLICK with Webbing	Multi-Chamber-Sack
11 /	VL18CHX03 CLICK with Wipe-Clean Straps VL18CPX03 CLICK with Webbing	Multi-Chamber-Sack
_	VL18CPX03 CLICK with Webbing VL18CPHX03 CLICK with Wipe-Clean Straps	DOT-Chamber DOT-Chamber
	Restraint straps: 5 Width: top/hand: 70-45cm Length	n: 135cm Weight: 2.1kg
	Longing Committee Committe	



**Forearm Splints** 

VS100CKX02

Loop strap with CLICK

1-Chamber

VS100CKX01 **VS100CPKX01**  Loop strap with CLICK Loop strap with CLICK Multi-Chamber-Sack **DOT-Chamber** 

Restraint straps: 2 Width: 35cm Length: 53cm Weight: 0,5kg

**Arm splints** 

VS120CKX02 VS120CKX01

Loop strap with CLICK 1-Chamber

Multi-Chamber-Sack

Loop strap with CLICK VS120CPKX01 Loop strap with CLICK

**DOT-Chamber** 

Restraint straps: 4 Width: 63-47cm Length: 74cm Weight: 1,1kg

Leg Splints

VS140CKX02 VS140CKX01 VS140CPKX01 Loop strap with CLICK

1-Chamber

Multi-Chamber-Sack Loop strap with CLICK

Loop strap with CLICK **DOT-Chamber** 

Restraint straps: 6 Width: 70-36cm Length: 110cm Weight: 2,1kg

**Forearm Splints** 

VS100CX02 VS100CHX02

Webbing with CLICK Wipe-Clean-Strap with CLICK

VS100CX01 VS100CHX01 VS100CPX01 Webbing with CLICK Wipe-Clean-Strap with CLICK Webbing with CLICK

Multi-Chamber-Sack **DOT-Chamber DOT-Chamber** 

Multi-Chamber-Sack

1-Chamber

1-Chamber

Wipe-Clean-Strap with CLICK **VS100CPHX01** 

Restraint straps: 3 Width: 35cm Length: 53cm Weight: 0,5kg

Arm Arm splints

> Webbing with CLICK 1-Chamber VS120CX02 Wipe-Clean-Strap with CLICK 1-Chamber VS120CHX02

VS120CX01 VS120CHX01

Webbing with CLICK Wipe-Clean-Strap with CLICK

Multi-Chamber-Sack Multi-Chamber-Sack

VS120CPX01 Webbing with CLICK Wipe-Clean-Strap with CLICK **VS120CPHX01** 

**DOT-Chamber DOT-Chamber** 

Restraint straps: 4 Width: 63-47cm Length: 74cm Weight: 1,1kg

Bein Leg Splints

> Webbing with CLICK 1-Chamber VS140CX02 Wipe-Clean-Strap with CLICK 1-Chamber VS140CHX02

VS140CX01 VS140CHX01 VS140CPX01 Webbing with CLICK Wipe-Clean-Strap with CLICK Webbing with CLICK

Multi-Chamber-Sack Multi-Chamber-Sack **DOT-Chamber** 

**VS140CPHX01** Wipe-Clean-Strap with CLICK **DOT-Chamber** 

Restraint straps: 6 Width: 70-36cm Length: 110cm Weight: 2,1kg



Forearm Splints

VS100CKX04 Loop strap with CLICK 1-Chamber

VS100CKX03 Loop strap with CLICK Multi-Chamber-Sack
VS100CPKX03 Loop strap with CLICK DOT-Chamber

Restraint straps: 2 Width: 35cm Length: 53cm Weight: 0,5kg

Arm Splints

VS120CKX04 Loop strap with CLICK 1-Chamber

VS120CKX03 Loop strap with CLICK Multi-Chamber-Sack
VS120CPKX03 Loop strap with CLICK DOT-Chamber

Restraint straps: 4 Width: 63-47cm Length: 74cm Weight: 1,1kg

VS140CKX04 Loop strap with CLICK 1-Chamber

VS140CKX03 Loop strap with CLICK Multi-Chamber-Sack
VS140CPKX03 Loop strap with CLICK DOT-Chamber

Restraint straps: 6 Width: 70-36cm Length: 110cm Weight: 2,1kg

Forearm Splints

Leg Splints

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

Restraint straps: 3 Width: 35cm Length: 53cm Weight: 0,5kg

Arm Splints

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

Restraint straps: 4 Width: 63-47cm Length: 74cm Weight: 1,1kg

Leg Splints

VS140CX04 Webbing with CLICK 1-Chamber VS140CHX04 Wipe-Clean-Strap with CLICK 1-Chamber

VS140CX03 Webbing with CLICK Multi-Chamber-Sack Wipe-Clean-Strap with CLICK Multi-Chamber-Sack

VS140CPX03 Webbing with CLICK DOT-Chamber
VS140CPHX03 Wipe-Clean-Strap with CLICK DOT-Chamber

Restraint straps: 6 Width: 70-36cm Length: 110cm Weight: 2,1kg



Splints with Hook & Loop



**Arm Splint** 

VS101X01 Hook & Loop straps with Multi-Chamber-Sack

Restraint straps: 2

Width: Top/Hand: 40-30cm

Length: 73cm Weight: 0,7kg



Leg Splint

VS103X01 Hook & Loop straps with Multi-Chamber-Sack

Restraint straps: 4

Width: Top/Foot: 60-18cm

Length: 96cm Weight: 1,9kg



Leg Splint

VS105X01 Hook & Loop straps with Multi-Chamber-Sack

Restraint straps: 5

Width: Top/Foot: 73-18cm

Length: 133cm Weight: 2,2kg



Arm Splint

VS101X02 Hook & Loop straps with Multi-Chamber-Sack

Restraint straps: 2

Width: Top/Hand: 40-30cm

Length: 73cm Weight: 0,7kg



Leg Splint

VS103X02 Hook & Loop straps with Multi-Chamber-Sack

Restraint straps: 4 Width: Top/Foot: 60-18cm

Length: 96cm Weight: 1,9kg



Leg Splint

VS105X02 Hook & Loop straps with Multi-Chamber-Sack

Restraint straps: 5 Width: Top/Foot: 73-18cm

Length: 133cm Weight: 2,2kg





#### Forearm splint

VS66X03Cleats with Webbing1-ChamberVS66CX03CLICK with Webbing1-ChamberVS66CHX03CLICK with Wipe-Clean Straps1-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 Webbing DOT-Chamber VS67CPHX03 CLICK with Wipe-Clean Straps DOT-Chamber

Restraint straps: 3 Width: 30cm Length: 35cm Weight: 0,3kg



#### Arm splint

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

Restraint straps: 4 Width: top/hand: 65-44cm Length: 70cm Weight: 1,5kg



#### Leg splint

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
Restraint straps: 5 Width: top/foot: 70-55cm Length: 90cm Weight: 1,9kg

### Forearm splint

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

VS67CPX04 CLICK with Webbing DOT-Chamber VS67CPHX04 CLICK with Wipe-Clean Straps DOT-Chamber

Restraint straps: 3 Width: 30cm Length: 35cm Weight: 0,3kg



#### Arm splint

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

Restraint straps: 4 Width: top/hand: 65-44cm Length: 70cm Weight: 1,5kg



#### Leg splint

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-Chamb

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

Restraint straps: 5 Width: top/foot: 70-55cm Length: 90cm Weight: 1,9kg

### RedVac Pediatric



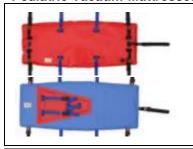
### Vacuum-Mattresses

Vacuum-Mattresses			
	-	hamber	
	· · · · · · · · · · · · · · · · · · ·	T-Chamber	
4	4 built in handles Width: 70cm Length: 100cm	Weight: 3,5kg	
	VM710X09 Cleats with Webbing	1-Chamber	
	VM710X08 Cleats with Webbing	Multi-Chamber-Sack	
. 7 7	VM710CX09 CLICK with Webbing	1-Chamber	
	VM710CX08 CLICK with Webbing VM710CPX08 CLICK with Webbing	Multi-Chamber-Sack DOT-Chamber	
	VM710CHX09 CLICK with Wipe-Clean Straps	1-Chamber	
The second second second	VM710CHX08 CLICK with Wipe-Clean Straps	Multi-Chamber-Sack	
<b>?大『</b> 字大『	VM710CPHX08 CLICK with Wipe-Clean Straps	DOT-Chamber	
1-1-1	Carry handles: 4 Restraint straps: 3 Width: 70cm Length: 100cm Weight: 3,5kg		
407 542	VM710X14 Cleats with Webbing	1-Chamber	
	VM710X13 Cleats with Webbing	Multi-Chamber-Sack	
	VM710CX14 CLICK with Webbing VM710CX13 CLICK with Webbing	1-Chamber Multi-Chamber-Sack	
	VM710CPX13 CLICK with Webbing	DOT-Chamber	
	VM710CHX14 CLICK with Wipe-Clean Straps VM710CHX13 CLICK with Wipe-Clean Straps	1-Chamber Multi-Chamber-Sack	
	VM710CPHX13 CLICK with Wipe-Clean Straps  VM710CPHX13 CLICK with Wipe-Clean Straps	DOT-Chamber-Sack	
The second second second	Carry handles: 4 Restraint straps: 3	201 0114111201	
	Width: 70cm Length: 100cm Weight: 4kg		
	VM712X10 Cleats with Webbing VM712X09 Cleats with Webbing	1-Chamber Multi-Chamber-Sack	
	Glodio IIIII II Goding		
1 1	VM712CX10 CLICK with Webbing VM712CX09 CLICK with Webbing	1-Chamber Multi-Chamber-Sack	
	VM712CPX09 CLICK with Webbing	DOT-Chamber	
	VM712CHX10 CLICK with Wipe-Clean Straps	1-Chamber	
	VM712CHX09 VM712CPHX09 CLICK with Wipe-Clean Straps CLICK with Wipe-Clean Straps	Multi-Chamber-Sack DOT-Chamber	
	Carry handles: 4 Restraint straps: 3 Width: 70cm Length: 120cm Weight: 4,5kg		
Pediatric Vacuum Splints			
A STATE OF THE STA	Arm splint, angled		
	VS56X20V Hook & Loop straps	1-Chamber	
	Restraint straps: 3 Width top/hand: 50-28cm Length: 42cm Weight: 0,6 kg		
		9	
	Leg Splint VS58X20V Hook & Loop straps	1 Chamber	
<b>美</b>		1-Chamber	
	Restraint straps: 3 Width top/foot: 38-25cm Lengt	h: 56cm Weight: 0,7kg	
	Arm Splint, angled		
	VS56X01 Cleats or Stripes with Webbing	1-Chamber	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VS56CX01 CLICK with Webbing	1-Chamber	
	VS56CHX01 CLICK with Wipe-Clean Straps	1-Chamber	
	VS57CPX01 CLICK with Webbing	DOT-Chamber	
22-22-	VS57CPHX01 CLICK with Wipe-Clean Straps	DOT-Chamber	
The same of	Restraint straps: 3 Width top/hand: 50-28cm Length: 42cm Weight: 0,6 I	kg	
	Leg Splint		
	VS58X01 Cleats or Stripes with Webbing	1-Chamber	
te II	VS58CX01 CLICK with Webbing	1-Chamber	
ALL DE COMMENTS	VS58CHX01 CLICK with Wipe-Clean Straps	1-Chamber	
	VS59X01 Red Stripes with Webbing	Multi-Chamber-Sack	
	VS59CX01 CLICK with Webbing	Multi-Chamber-Sack	
EE 100	VS59CPX01 CLICK with Webbing VS59CPHX01 CLICK with Wipe-Clean Straps	DOT-Chamber DOT-Chamber	
	Restraint straps: 4 Width top/foot: 38-25cm Lengtl		
_	nesuanii suaps. 4 widii topiioot: 30-25cm Lengti	i. Journ Weight. U,/Kg	

### RedVac Pediatric Systems

### for use on the ambulance gurney

### Pediatric Vacuum-Mattresses



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

Restraint straps: 5 Securing straps: 5

Width Head/Middle/Foot: 53-61-53 cm Length: 140cm Weight: 3,5 kg



VKF06X02 Cleats with Webbing
VKF06CX02 CLICK with Webbing
VKF06CHX02 CLICK with Wipe-Clean Straps
VKF06CPX02 CLICK with Webbing

CLICK with Wipe-Clean Straps

CLICK with Webbing

CLICK with Wipe-Clean Straps

Multi-Chamber-Sack

DOT-Chamber

DOT-Chamber

Multi-Chamber-Sack

Multi-Chamber-Sack

Carry handles: 4 Restraint straps: 3

Width Top/Hand: 85-65 cm Length: 115cm Weight: 2,9 kg

### RedVac JUNIOR

### Pediatric Restraint System for use with or without vacuum mattress

VKF06CPHX02





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.

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

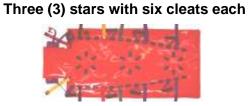
# RedVac

### **Accessories for Vacuum Products**

### Can only be ordered together with the product

### Antiskid systems

AS01



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

Α4

### Repair Kit

9022 Repair Kit with self-adhesive patches





### Vacuum Pumps & Carry Bags

	HP01 One-Hand pump, plastic Length: 21cm Width: 14cm Weight: 0,6kg		
	HP03 Hand pump, aluminium Length: 30cm Width: 4cm Weight: 0,4kg		
	HP04 Hand pump, plastic Length:28cm Width: 11 / 4,5cm Weight: 0,170kg		
	FP01 Foot pump, plastic Length: 43cm Width: 11cm Weight: 0,75kg		
	HFP02 Hand- and Foot pump, plastic. Length: 45cm Width: 6cm Weight: 0,95kg		
	FP04 Foot pump, aluminium Length: 54cm Width: 6cm Weight: 1,4kg		
Carry bag for RedVac Junior	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		
	Length-Width-Height: 40-20-10cm Weight: 0,25kg		
Carry bag for splint set	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		
,	Length-Width-Height: 65-45-12cm Weight: 0,4kg		
Carry bag for mattress with backpack straps	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		
	for mattress with width less than 90cm Length-Width-Height: 80-45-25cm Weight: 0,7kg		
	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		
	for mattress with width of more than 90cm Length-Width-Height: 100-45-30cm Weight: 1kg		

### 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











Also very tall patients can be accomodated

### **Specification**

#### TRSX01

Material: Nylon Carry Handles: 10

Width Head/Middle/Foot: 45cm/70cm/40cm Length: 200cm Weight: 2,5kg



#### TRSX02

Material: Nylon Carry Handles: 10

Width Head/Middle/Foot: 45cm/70cm/40cm Length: 220cm Weight: 2,9kg

### TRSX03

Material: CORDURA quilted

**Carry Handles: 10** 

Width Head/Middle/Foot: 45cm/70cm/40cm Length: 220cm Weight: 2,9kg

### **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



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



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

Easy access to the patient

Integrated bag for the vacuum pump









### Specification



### BRS03 BRS04

Carry Handles: 10

Patient restraint straps: 5

Width, Head-Middle-Foot: 40-70-45cm

Length: 220 cm Weight: 4 kg

### TBRS03

**Carry bag** 

Width-Length-Height: 44-80-33 cm

Weight: 1 kg



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





KOHLBRAT & BUNZ GMBH

A-5550 Radstadt Austria

T: +43 6452 7193 0

F: +43 6452 7193 51

office@kohlbrat-bunz.com www.kohlbrat-bunz.com

www.redvac.com