

# SPORT PROTECTION



MTB, Enduro, Freeride, Downhill, Trial, BMX



Protection is our Profession



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BY ORTEMA

@wibmergabriel



OCP belt system

## OCP

**OCP 1.0 - STONE SHIELD**

Is made of an unbreakable synthetic material, it fits tightly to the body without limiting movement and protects the ribs, chest and inner organs in the

case of a crash. Due to its being so thin it can be worn without problems under a racing suit or textile clothing.

**Certification:** Meets the norm for rockfall protection (EN 14021).

**Standard sizes:** 3 for men, 2 for women and 1 for children.

OCP 1.0 with belt system

1 pc.

245,00 €



white



camouflage



carbon optic

Version OCP Street (without belt system). Both versions are available in the designs white, camouflage and carbon-optic.

**Size Chart:** [www.ortema-shop.com](http://www.ortema-shop.com)



## K-COM Knee Brace

The K-COM is a carbon-fibre knee brace with titanium joints made from a mould and **100 % customized**. It can either prevent knee

injuries or be used after injury of the cruciate and/or collateral ligaments, knee surgery and osteoarthritis. The thin structure and high wearing comfort round up the brace's qualities and it can be worn under the

## KNEE BRACE Carbon Fibre and Titanium

**Partially flexible thigh and lower leg shells.** Only 1,5 mm thick upper and lower shells.

**Non-slipping, torsion-resistant carbon-fibre frame.** Stabilizes the joint where the knee needs it most.

**Optimal anatomical fitting.** Gives optimal wearing comfort.

**Polycentric joints made of titanium.** Thin, light and high strength.

**Flexion and extension limitation.** Flexion adjustable.

**Counter-rotating Velcro® strap system.** Enabling the K-COM knee brace a non-slipping fit without adding to unnecessary thickness.

**Extremely light combined with high stability.** Maximal stabilization of the knee with a minimum of weight.

respective sportswear practically unnoticed.

**K-COM 1 pc Price on request**



Special Plastic



## X-PERT Knee Brace

Our prefabricated variant for the protection of the knee joints. It offers high stability and optimum wearing comfort with low weight. An effective patella protector additionally protects the knee joint. The polycentric orthotic joints are made of highly stable titanium. The **X-PERT** can be adapted thermoplastically to the leg geometry.

**Sizes:** S, M, L, XL

<b>X-PERT 1 pc. (S)</b>	<b>€ 475,00</b>
<b>X-PERT 1 pc. (M-XL)</b>	<b>€ 495,00</b>



# Protects the Cervical Spine



CE

New Design

**ONB**  
ORTEMA NECK BRACE

The ONB distinguishes itself by its extremely low weight. The support in the back has the shape of a horseshoe to avoid the neck brace exerting pressure centrally on the spine. The force transmission is distributed over a larger area to avoid single pressure peaks in

the region of the vertebral bodies.

**Decor-sets::** **Design "K4"** pink, turquoise, black, red;  
**Design "Spider"** yellow/red, green, purple/pink, blue, white, black

**Sizes:** S - XL

ONB incl. Decor-set 1 pc. € 349,00

ONB Decor-set 1 pc. € 19,95

Size Chart: [www.ortema-shop.com](http://www.ortema-shop.com)



Design "Spider"



Significantly less hyperextension of the neck during high impact with the ORTEMA Neck Brace.



Complete foam-sealed front panel with increased shock absorption to protect the sternum



Power dissipation through an innovative and ergonomic design (horseshoe system)



Safety quick locking system; Comfortable putting on/ taking off by large opening angle and frontal closure

# Breathable, Perfect Fit & Optimal Freedom of Movement

## ORTHO-MAX Vest

Sleeveless vest with integrated ORTHO-MAX back protector as well as additional chest and back protection. The vest fits perfectly with the greatest possible freedom of movement

and combines minimal weight with optimal protection for the spine; **combinable with the OCP.**

**Sizes: S - XXXL**

Vest 1 pc. € 229,00



## ORTHO-MAX Enduro

Protector jacket for all-round protection of the upper body, reduced to the essentials; this is ensured by the back protector, removable protectors in the chest and shoulder area as well as an integrated rib protection.

The height-adjustable kidney belt can be individually adjusted in height via a Velcro® fastener;

**combinable with the OCP.**

**Sizes: S - XXL**

Enduro 1 pc. € 259,00



DESIGN & INNOVATION AWARD 2017



## ORTHO-MAX Jacket

Protector jacket for optimal all-round protection. Protects the spine, shoulder and elbow; Now with additional chest and back protection. Breathable materials ensure maximum comfort and optimal ventilation.

Surrounds the body regions and does not slip. The integrated kidney belt can be removed; **combinable with the OCP.**

**Sizes: S - XXXL**

Jacket 1 pc. € 289,00



**Size Chart: [www.ortema-shop.com](http://www.ortema-shop.com)**

Optimized fit of removable CE protectors (Level 2) on shoulder and elbow

Chest protection made of viscoelastic foam (protectors removable)

Generous mesh-inserts ensure optimal ventilation

Additional protection layer in the area of the spine



Height adjustable, integrated kidney belt

Anatomical fit ensures increased comfort



Integrated rib protection

Anatomically adapted form of the CE back protector (Level 2) guarantees perfect protection with maximum mobility and increased wearing comfort

With three practical pockets on the kidney belt for mobile phone, snack or rain jacket

The heart of the **ORTHO-MAX** protector family is the back protector, protection class 2, made of a new visco-elastic memory foam, certified to CE-EN 1621-2. Developed according to biomechanical criteria, is even lighter, more breathable thanks to maximum perforation and impresses with even better shock absorption values of less than 5.5 kN.



## Size Chart for Jacket, Vest and Enduro

Size	Height	Torso length	Chest
<b>S</b>	155 - 165 cm	36 - 40 cm	90 - 95 cm
<b>M</b>	165 - 175 cm	40 - 44 cm	95 - 100 cm
<b>L</b>	175 - 185 cm	44 - 49 cm	100 - 105 cm
<b>XL</b>	185 - 195 cm	49 - 53 cm	105 - 110 cm
<b>XXL</b>	185 - 195 cm	49 - 53 cm	110 - 115 cm
<b>XXXL</b>	185 - 195 cm	49 - 53 cm	115 - 125 cm



## ORTHO-MAX Dynamic

The back protector ensures optimal freedom of movement and perfect breathability through perforation of the protector plate. This consists of several layers of a visco-elastic memory foam and thus ensures a very high energy consumption. The integrated plastic penetration protection protects the spine from pointed and sharp objects.

**Sizes: S - XL**

**Size S - XL      1 pc.      € 169,00**

**FREERIDE**

**03/18**

TEST BACK PROTECTORS

**ORTEMA ORTHO-MAX DYNAMIC**

SHOCK ABSORPTION (50 %): ★★★★★

BACK COVER (25 %): ★★★★★

WEARING COMFORT (25 %): ★★★★★☆

**FREERIDE-RANKING: 10 Points**  
(MAX. 10 POINTS)

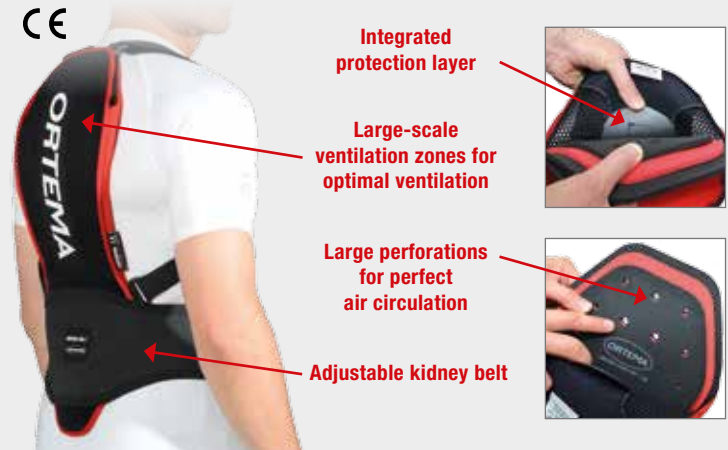


## ORTHO-MAX Light

Certified, lightweight back protector for central protection of the spine (Level 1). A three-layer, highly perforated viscoelastic foam, together with large mesh inserts for optimal ventilation with maximum comfort.

**Sizes: XXS - XXL**

**Size XXS, XS      1 pc.      € 99,00**  
**Size S, M, L      1 pc.      € 119,00**  
**Size XL, XXL      1 pc.      € 129,00**



**Size Chart: [www.ortema-shop.com](http://www.ortema-shop.com)**

## ORTHO-MAX Combi

The protector jacket is also available in a short version. This protects arms, shoulder and elbow and can easily be used with the **ORTHO-MAX** back protectors **Dynamic** and **Light**. Removable upper and lower arm protectors.

**Sizes: M - XL**

**Combi      1 pc.      € 149,00**

**New Design**



## GP3 Elbow Protector

Optimal elbow protection with viscoelastic protectors, certified to CE-EN 1621-1 (Level 1). High wearing comfort due to breathable material and vents. The protector does not have any unpleasant straps that cause "pumparms". A special cut ensures a non-slip fit.

**GP 3 (XXS - XL) 1 pair 69,00 €**



**Protects & Stabilizes**

Version "High"  
(Height at the back 24 cm)



@marcusklusmann

## GP5 Knee Protector

Processing like GP 3 Elbow Protector, but highest protection class (**Level 2**); with thigh belt.

**GP 5 (XS - XL) 1 pair 89,00 €**

GP 5 with additional protective padding on the fibula head



## Lumbo-X Kidney Belt

Stabilizes and protects the lower part of the spinal column; can also be used for pain and tension. It mainly consists of a meshmaterial that guarantees an up to 80% improved humidity exchange. Integrated stabilizing belts provide a perfect fit.

Colors: black ■ red ■

Sizes Low: XS - XXL High: S - XXL  
(Version High in black also in XXXL)

Low - 16 cm	1 pc.	54,90 €
High - 24 cm	1 pc.	59,90 €



Version "Low"  
(Height at the back 16 cm)

- ▶ Protect the lower part of the spinal column
- ▶ Integrated, patented link chains with hyperextension protection
- ▶ Infinitely variable adjustable via wide velcro closure
- ▶ Additional straps support and relieve

**Size Chart: [www.ortema-shop.com](http://www.ortema-shop.com)**



## X-Pants LP

These tight-fitting pants are made of a material allowing for humidity exchange and protectors that allow for the full range of movement whilst protecting the region of the hip. With removable coccyx protector.

**Sizes:** S - XXL

**Without additional rear inlay** 1 pc. € 79,00

**With additional rear inlay** 1 pc. € 89,00

## ORTEMA Power Shorts

Compression shorts with integrated X-diagonal stabilization system. The tight-fitting pants made of breathable material, allows a relief of the tendon attachments in the groin, on the other hand, a stabilization of the hip. This leads to pain relief and relief in training and competition, especially in intense and explosive movements.

**Sizes:** S, M, L, XL

**Power Shorts** 1 pc. € 69,00



3 central points for optimal power transfer and stabilization: big toe, little toe, heel.

## Orthopedic Sport Insoles

For use in pain, overload, misalignment or injury. They support or correct the feet. This can improve performance and reduce pain; Available with or without splayfoot pelotte for targeted support of the transverse arch.

### Version Standard

Prefabricated according to shoe size;

supported the foot in its function optimally by the very good bedding

**Sizes:** 38 - 48

<b>Standard</b>	<b>1 pair</b>	<b>59,90 €</b>
<b>With Pelotte</b>	<b>1 pair</b>	<b>59,90 €</b>

### Individual fitting

After print or scan.

<b>Individual fitting</b>	<b>1 pair</b>	<b>109,90 €</b>
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## Running like on clouds

**NEW**



## U-TECH Nevos

Innovative running shoe that minimizes wrong movements. The U-TECH™ technology centers the force application point for each runner along the

longitudinal axis of the foot so that damaging rotational forces - especially on the knee - are significantly reduced. At the same time performance and running comfort will be improved.

**Sizes:** 37,5 - 47,5

**U-TECH Nevos** 1 pair 150,00 €



### CENTERED ROLLING

**Hold and Safety:** Your foot lands safe and stable in the center of the U-shaped construction. U-TECH™ technology is inspired by the shape and function of the human foot.



### DYNAMIC PRESSURE

**Almost like hovering:** You run in the U-TECH Nevos like on a very comfortable trampoline. Our new U-TECH™ Foam has an energy return of 75%.



### FEATHERLIGHT RUN

**Performance and comfort:** The U-TECH Nevos weighs only 280 g (in size US 9.5).

## MALLEO-HiT® SUPREME

Ankle bandage with nubbed AIR-MATRIX friction pelotte. An innovative stretch zone ensures a perfect fit, especially during exercise. A soft, very thin and pressure-reduced bandage edge allows a high wearing comfort.

**Colors:** Platinum / Orange, Black

**MALLEO-HiT® SUPREME 1 pc. 89,00 €**



## SWEDE-O-UNIVERSAL

Ankle orthosis with lacing and lateral reinforcement. Liner-like construction with lacing and integrated spiral springs. For a safe stabilization of the ankle.

**Color:** Black

**SWEDE-O-UNIVERSAL 1 pc. 105,00 €**



**Cools up to 8 hours**



## INUTEQ Coolware

Stay cool while exercising, at work or at leisure. The lightweight, sporty cut vest cools up to eight hours.

Just put the INUTEQ products in the water for two minutes and the cooling effect is activated.

This process can be repeated indefinitely. Machine washable.

**Sizes:** Vest XS - XXL, Towel 66 cm x 43 cm, Wrist bandage: one size fits all.

<b>Vest</b>	<b>1 pc.</b>	<b>€ 79,95</b>
<b>Wrist bandage</b>	<b>1 pc.</b>	<b>€ 15,95</b>
<b>Towel</b>	<b>1 pc.</b>	<b>€ 7,95</b>

## Carbon-fibre Shoulder Brace

Individually manufactured. It can be used for the prevention of injuries such as the treatment thereof after operations. Since it is very light it ensures a high wearing comfort.

The adjustable straps can limit the movement of the upper arm either statically or dynamically and bilateral use is possible.

**Price on request**



### Version polyethylene

Prefabricated and can be fitted and adjusted individually.

**Version polyethylene 1 pc. € 399,00**

## Carbon-fibre elbow brace

Individually made after plaster cast. It is used for injuries and after surgery on the elbow and stabilizes the joint effectively.

The elbow brace is suitable for extreme sports and is adapted to

the respective application. Due to its low weight, it offers excellent wearing comfort. Webbing and joints can limit arm movement statically or dynamically. Double-sided use is possible.

**Price on request**



## Manu-MX made of Carbon-fibre

Individually manufactured from a plaster mould and made of carbon-fibre, thus making it extremely light yet stabil. Limitation of

movement is adjusted individually according to the specific injury or the post-surgery requirements and can be readjusted at all times. The brace maintains the gripping function and movements to the side and is worn over the cross-glove.

**Price on request**



**Further orthopedic-technical supplies: [www.ortema-shop.com](http://www.ortema-shop.com)**

# SPORT PROTECTION BIKE



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Official Orthopedic-Technology  
and supplier for sport protection  
(Alpin) of the Ski-National-Teams



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