

# SPORT PROTECTION

Motocross • Enduro • Trial • Speedway  
Road Racing • Tourrider



Protection is our Profession

## Body Protection Set

The light Level 2 chest protector **OCP 3.0**, together with the tried and tested full back protector **ORTHO-MAX Dynamic** as a set, offers effective protection against injuries in the area of the upper body and does not restrict freedom of movement in any way.

For a better fit, the Body Protection Set is combined with the OCP 3.0 L/XL (view page 3) from size L upwards.

**Sizes:** XS **JUNIOR**, S - XL

**Colors decor:** red/black, black/anthracite

|                       |              |                 |
|-----------------------|--------------|-----------------|
| <b>Size XS JUNIOR</b> | <b>1 pc.</b> | <b>€ 269.00</b> |
| <b>Size S - XL</b>    | <b>1 pc.</b> | <b>€ 309.00</b> |



## GP2 upper arm protector

GP2 Shoulder Protector to complement our **Body Protection Set** and chest protectors **OCP 1.0** and **OCP 3.0**. Certified according to CE-EN 1621-1 (**Level 2**). The GP2 upper arm protectors are attached to the harness system of the chest protector or Body Protection Sets via Velcro straps.

|                        |               |                |
|------------------------|---------------|----------------|
| <b>Size S/M JUNIOR</b> | <b>1 pair</b> | <b>€ 59.00</b> |
| <b>Size L/XL</b>       | <b>1 pair</b> | <b>€ 59.00</b> |



## Lumbo-X Light

The **Lumbo-X Light** can be used to improve the fit of the **Body Protection Set**. Comfortable fit thanks to flex fabric. Particularly breathable mesh inserts. The **Lumbo-X** is also available in the **Low** and **High** versions. More information on pages 14 / 15.

**Color:** Black

|                     |              |                |
|---------------------|--------------|----------------|
| <b>Size S - XXL</b> | <b>1 pc.</b> | <b>€ 49.00</b> |
|---------------------|--------------|----------------|



CE



Version size S-M

**New size**



Version size L/XL

# OCP

**OCP 3.0 - CHEST PROTECTOR**

Chest protector made of self-developed viscoelastic memory foam. The removable protector with large ventilation openings and the elastic mesh material provide optimal ventilation. **Now new in size L/XL** with optimized coverage in the chest and rib area for an optimal fit. Certified according to regulation (EU) 2016/425, protection class EN 1621-3:2018, level 2.

**Sizes:** XS **JUNIOR**, S, M, L/XL

To be combined with other products of the **ORTHO-MAX** family (see left and pages 8 - 13)

**Colors decor:** red/black, black/anthracite

|                             |              |                 |
|-----------------------------|--------------|-----------------|
| <b>With belt set JUNIOR</b> | <b>1 pc.</b> | <b>€ 159.00</b> |
| <b>With belt set</b>        | <b>1 pc.</b> | <b>€ 179.00</b> |



**Billy Bolt** 5-time Hard Enduro & Super Enduro World Champion



- Anatomical fit guarantees perfect protection
- Maximum mobility ensures high wearing comfort
- Additional penetration protection in the sternum area



## 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.

and it can be worn under the racing suit practically unnoticed. For offroad sports with kneecap protection.

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



Special Plastic



## X-PERT Knee Brace

Special plastic knee brace protects and stabilizes the knee joint and was designed to fulfill the needs of all participating in motor-sports. The removable knee cap protector further protects the often exposed areas which are prone to injuries by stones and blows. The joints are made of a high-quality titanium to meet the tough requirements of motor-sports. The X-PERT can be thermoplastically adapted.

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

|               |                         |                 |
|---------------|-------------------------|-----------------|
| <b>X-PERT</b> | <b>1 pc. (S) JUNIOR</b> | <b>€ 499.00</b> |
| <b>1 pair</b> | <b>(S) JUNIOR</b>       | <b>€ 949.00</b> |
| <b>X-PERT</b> | <b>1 pc. (M - XL)</b>   | <b>€ 529.00</b> |
| <b>1 pair</b> | <b>(M - XL)</b>         | <b>€ 999.00</b> |

## K-COM Knee Brace

The K-COM is a carbon-fibre knee brace with titanium joints made from a scan or 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 osteoarthopathy. The thin structure and high wearing comfort round up the brace's qualities



# Protects the Cervical Spine



CE

**MOTORRAD**  
Urteil: sehr gut

**ONB**  
**ORTEMA NECK BRACE**

The **ORTEMA Neck Brace**, made of unbreakable high-performance plastic, features the lightest weight as well as a horseshoe-shaped support on the shoulder blades in the back area.

#### Decor-sets:

pink, turquoise, black, red

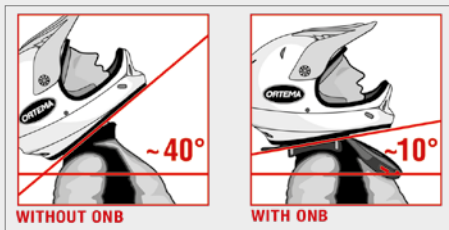
Sizes: XS - S **JUNIOR**, M - XL

**ONB JUNIOR** 1 pc. € 319.00

**ONB** 1 pc. € 359.00

**ONB Decor-set** 1 pc. € 19.95

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



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 thanks to wide opening angle

## Combinable with the OCP

### 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. The height-adjustable kidney belt can be individually adjusted in height via a Velcro strap; the integrated kidney belt can be removed.

**Sizes:** S - XXXL

|             |              |                 |
|-------------|--------------|-----------------|
| <b>Vest</b> | <b>1 pc.</b> | <b>€ 269.00</b> |
|-------------|--------------|-----------------|



### 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 strap.

**Sizes:** S - XXL

|               |              |                 |
|---------------|--------------|-----------------|
| <b>Enduro</b> | <b>1 pc.</b> | <b>€ 309.00</b> |
|---------------|--------------|-----------------|



### ORTHO-MAX Jacket

Protector jacket for optimal all-round protection. Protects the spine, shoulder and elbow. The jacket also has chest and rib protection.

Breathable materials ensure maximum comfort and optimal ventilation. Surrounds the body regions and does

not slip; the integrated kidney belt can be removed.

**Sizes:** S - XXXL

|               |              |                 |
|---------------|--------------|-----------------|
| <b>Jacket</b> | <b>1 pc.</b> | <b>€ 319.00</b> |
|---------------|--------------|-----------------|



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



# ORTHO-MAX Jacket DUO

FIM approved

► Chest protector made of viscoelastic foam (protector removable)

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

► 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

## ORTHO-MAX Jacket DUO

Protection jacket offering excellent upper body protection with CE certified chest, back, shoulder and elbow protection according to the highest standard - Level 2; additionally integrated collarbone and rib protection. Breathable materials ensure

maximum comfort and ventilation. Encloses the body regions well and does not slip even in the event of a fall. Thus, the jacket protects where it needs to protect.

**Sizes:** S - XL

**Jacket DUO** 1 pc. € 399.00

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



### 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:** XS **JUNIOR**, S - XL

**Size XS JUNIOR** 1 pc. € 149.00

**Size S - XL** 1 pc. € 169.00



### ORTHO-MAX Light

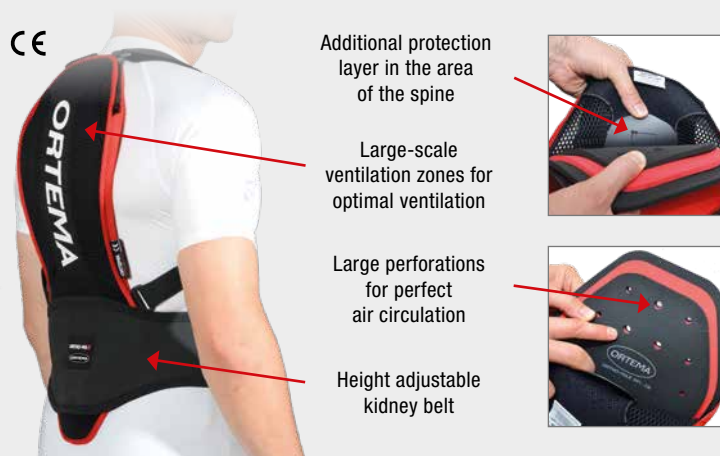
Certified, lightweight back protector for central protection of the spine (Level 1). A three-layer, highly perforated viscoelastic foam, together with large mesh inserts for optimal

ventilation with maximum comfort.

**Sizes:** XXS - XS **JUNIOR**, S - XXL

**Size XXS - XS JUNIOR** 1 pc. € 129.00

**Size S - XXL** 1 pc. € 159.00



### ORTHO-MAX Vest Light

Sleeveless vest with integrated **ORTHO-MAX Light** back protector. The anatomical fit guarantees excellent protection with maximum freedom of movement. The Vest Light combines minimal weight with optimal protection for the spine. The large ventilation openings of the protector and the

lightweight mesh material provides excellent ventilation.

For children from 1.10 m height.

**Sizes:** XXS - XS **JUNIOR**, S - XXL

**Size XXS - XS JUNIOR** 1 pc. € 179.00

**Size S - XXL** 1 pc. € 189.00



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

## ORTHO-MAX RP1

Best absorption, superlight design, highest wearing comfort: The insert **back protector** consists of four-layer visco-elastic memory foam. The fullback, developed according to biomechanical criteria, is particularly breathable due to maximum perforation; Certified to DIN EN 1621-2, Level 2.

**Sizes S - XL 1 pc. € 49.00**



CE

## ORTHO-MAX RP1-CB Light

Insert **back protector** to protect the spine, certified according to DIN EN 1621-2, Level 1. The central back consists of a three-layer visco-elastic memory foam that covers the entire length of the spine from just below the neck to the coccyx.

**Sizes: XXS - XXL**

**Sizes XXS - XL 1 pc. € 39.00**

**Sizes XXL 1 pc. € 44.00**



CE

## 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:**

XS **JUNIOR** (only available without seat pad), S - XXL

**XS (without seat pad) 1 pc. € 79.00**

**Without seat pad 1 pc. € 89.00**

**With seat pad 1 pc. € 99.00**



## SWEDE-O-UNIVERSAL

Ankle orthosis with lacing and lateral reinforcement. Inner shoe-like construction with lacing and integrated coil springs. For secure stabilization of the ankle joint.

**Color: Black**

**SWEDE-O-UNIVERSAL 1 pc. € 125.00**



## Lumbo-X Kidney belt

The technical construction was designed according to sport orthopedic aspects. This ensures that the lumbar spine is optimally stabilized and protected, even during hard hits. The **Lumbo-X** relieves the lumbar area and can also be used in cases of pain and tension; made of breathable mesh material.

**Color: Black**

**Low (16 cm): XS - XXL**

**Low XS JUNIOR 1 pc. € 59.00**

**Low 1 pc. € 69.00**

Version "Low" (back height 16 cm)



Version "High" (back height 24 cm)



Integrated, patented link chains with overstretch protection.

Oversized Velcro strap. Steplessly adjustable.

Additional belts, support and relieve.

**High (24 cm): S - XXXL 1 pc. € 79.00**





## Carbon-fibre Shoulder Brace

Individually made after scan or plaster cast. 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

(Without picture)

Prefabricated and can be fitted and adjusted individually.

**Version polyethylene 1 pc. € 399.00**

## OMO-HiT®

Is mainly used to stabilize the shoulder and upper arm after contusions and/or contortions.

The light elastic material guarantees a high wearing comfort.

**Sites:** R (Right) or L (Left)

**Sizes:** S - XL

**OMO-HiT 1 pc. € 199.00**



## GP3 Elbow Protector

Optimal elbow protection with viscoelastic protectors, certified to CE-EN 1621-1 (**Level 2**). High wearing comfort due to breathable material and vents. The protector does not have any unpleasant straps that could "armpump". A special cut ensures a non-slip fit.

**Size XXS - XS JUNIOR 1 pair € 69.00**

**Size S - XXL 1 pair € 79.00**



## 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 supplies are 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 glove.

**Price on request**



## MANU-HiT®

Wrist bandage with reinforcements on the back of the hand for stabilization and relief after bruises, sprains and tendonitis and after removal of plaster casts. A circular Velcro strap provides additional stabilization.

**Sizes:** XS - XL (right, left)

**Colors:** Platinum, black

**MANU-HiT® 1 pc. € 109.00**





- ▶ Thin
- ▶ Stable
- ▶ Good power transfer

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

## Orthopedic Sport Insoles

Sport insoles are manufactured from a mold and can help to relieve pain, help with overloads, correct foot deformities and post-injury problems. The general performance of the feet can be influenced positively, length differences be compensated and pain be eliminated.

### Version Standard

Prefabricated shoe size; support by the excellent bedding the foot in its function optimally. **Sizes:** 38 - 48

|                     |               |                |
|---------------------|---------------|----------------|
| <b>Standard</b>     | <b>1 pair</b> | <b>€ 69.00</b> |
| <b>With pelotte</b> | <b>1 pair</b> | <b>€ 69.00</b> |

### Individual fitting

After print or scan.

|                |               |                 |
|----------------|---------------|-----------------|
| <b>Insoles</b> | <b>1 pair</b> | <b>€ 109.90</b> |
|----------------|---------------|-----------------|



## INUTEQ Coolware

Stay cool while exercising, at work or at leisure.

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

|                      |              |                |
|----------------------|--------------|----------------|
| <b>Vest</b>          | <b>1 pc.</b> | <b>€ 69.95</b> |
| <b>Coolcap</b>       | <b>1 pc.</b> | <b>€ 23.95</b> |
| <b>Wrist bandage</b> | <b>1 pc.</b> | <b>€ 17.95</b> |
| <b>Towel</b>         | <b>1 pc.</b> | <b>€ 8.95</b>  |
| <b>Coolneck</b>      | <b>1 pc.</b> | <b>€ 10.95</b> |

# ORTHO MATIX

the innovative insole concept from ORTEMA

## ORTHO MATIX Sport

- Individual production according to imprint or scan
- Sport-specific adapted to the respective load structure
- Antibacterial covers

**1 pair**    **price on request**



## Mandatory equipment for racing events:

National and international racing events are subject to the technical regulations of the F.I.M. or the DMSB.

For the motocross and enduro disciplines, chest and back protectors certified in accordance with the following standards are mandatory:

- ▶ EN 1621-2, Level 1 or 2, CB (Central Back) and FB (Full Back) - Back.
- ▶ EN 1621-3, Level 1 or 2 - Chest.

Juniors under the age of 18 are also required to wear shoulder, elbow and knee protectors certified according to the EN 1621-1, Level 1 or 2 standard.

## Our partners



Photos: Steve Bauerschmidt (cover, page 7), ORTEMA, companies

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