

SPORT PROTECTION

MTB, Enduro, Freeride, Downhill, Trial, BMX



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

Size XS JUNIOR	1 pc.	€ 269.00
Size S - XL	1 pc.	€ 309.00



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.

Size S/M JUNIOR	1 pair	€ 59.00
Size L/XL	1 pair	€ 59.00



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

Size S - XXL	1 pc.	€ 49.00
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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

With belt set JUNIOR	1 pc.	€ 159.00
With belt set	1 pc.	€ 179.00



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



K-COM Knee Brace

The K-COM is a carbon-fibre knee brace with titanium joints made from a scan or mould and **100 % custo-**

mized. 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

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.

comfort round up the brace's qualities and it can be worn under the racing suit 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

X-PERT	1 pc. (S) JUNIOR	€ 499.00
1 pair	(S) JUNIOR	€ 949.00
X-PERT	1 pc. (M - XL)	€ 529.00
1 pair	(M - XL)	€ 999.00

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

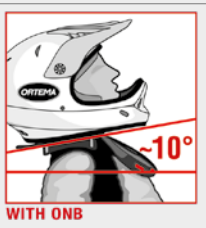
Sizes: XS - S **JUNIOR**, M - XL

ONB **JUNIOR** 1 pc. € 319.00

ONB 1 pc. € 359.00

ONB Decor-set 1 pc. € 19.95

Size Chart: ortema-shop.com



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

Vest	1 pc.	€ 269.00
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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

Enduro	1 pc.	€ 309.00
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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

Jacket	1 pc.	€ 319.00
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Size Chart: 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

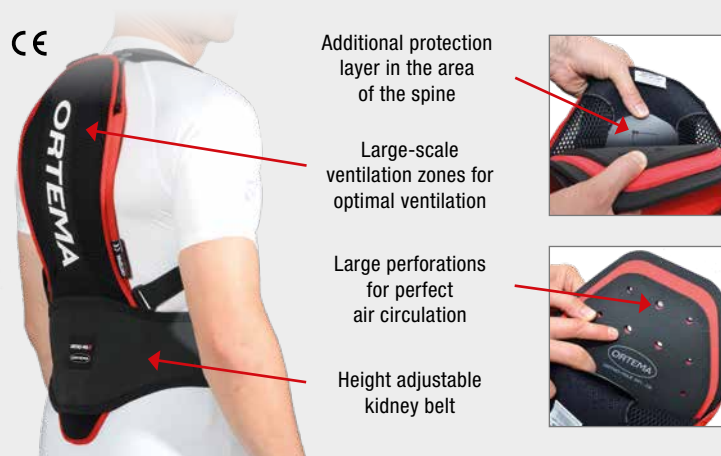
Certified, lightweight back protector for central protection of the spine (Level 1). A three-layer, highly perforated viscoelastic foam, together with large mesh inserts for optimal

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

Highest Wearing Comfort

Perfect Anatomical Fit

GP3 Elbow Protector

Optimal elbow protection with visco-elastic 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



GP5 Knee Protector

Processing and properties as for the **GP3 Elbow Protector**.

Thigh end with silicone coating and strap above the calf for optimum support.

Size XS **JUNIOR** 1 pair € 89.00

Size S - XL 1 pair € 99.00



Version „High“ (back height 24 cm)



Integrated, patented link chains with overstretch protection.



Oversized Velcro strap. Steplessly adjustable.

Additional belts, support and relieve.

Protects & stabilises

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

Sizes Low: XS - XXL

Sizes High: S - XXXL



Version „Low“ (back height 16 cm)

Low XS JUNIOR 1 pc. € 59.00

Low S - XXL 1 pc. € 69.00

High S - XXXL 1 pc. € 79.00

- Stabilizes and protects the lumbar spine
- Integrated, patented link chains with overstretch protection
- Infinitely adjustable via wide hook and loop fastener
- Additional straps provide support and relief

Size Chart: 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:

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

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.	€ 79.00
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Coreshorts PRO 3.0

The additional stabilisation of the entire hip, groin and thigh area by means of integrated diagonal elastic bands. An effective increased compression can relieve ligaments, muscles and tendons.

Sizes: XXS - XL

Coreshorts PRO	1 pc.	€ 99.00
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- ▶ 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

Standard	1 pair	€ 69.00
With pelotte	1 pair	€ 69.00

Individual fitting

After print or scan.

Insoles	1 pair	€ 109.90
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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**



MALLEO-HiT® SUPREME

Ankle bandage with nubbed AIR-MA-TRIX 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.

Colors: Black

SWEDE-O-UNIVERSAL 1 pc. € 125.00



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.

Vest	1 pc.	€ 69.95
Coolcap	1 pc.	€ 23.95
Wrist bandage	1 pc.	€ 17.95
Towel	1 pc.	€ 8.95
Coolneck	1 pc.	€ 10.95

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

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

Further orthopedic-technical supplies: ortema.de

Our partners



Photos: Marco Fischer, ORTEMA, companies

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