



ATTACK

User Manual

ATTACK

Chest / seat harness combination

Subject to technical changes

BRIEF DESCRIPTION

INTENDED USE

The ATTACK chest / seat harness combination is part of personal protective equipment (PPE) of category III to prevent falls from heights. In combination with suitable securing elements and methods, the chest-seat harness combination serves to prevent persons in lead climbing situations from falling; it also holds and restrains the user, especially in rescue operations. Suitable securing elements and methods in lead climbing situations are e.g.: dynamic ropes EN 892 in combination with a dynamic securing rope or appropriate energy absorption in combination with a suitable connector EN 12275, EN 362 and lanyard EN 354 or anchoring equipment EN 795. Users of this equipment must be familiar with handling personal fall protective equipment and the risks of working at heights.

All other uses are deemed improper. The company BORNACK will not be liable for any ensuing damages. The user bears the sole risk.

Maximum user weight including clothing and equipment: 100 kg

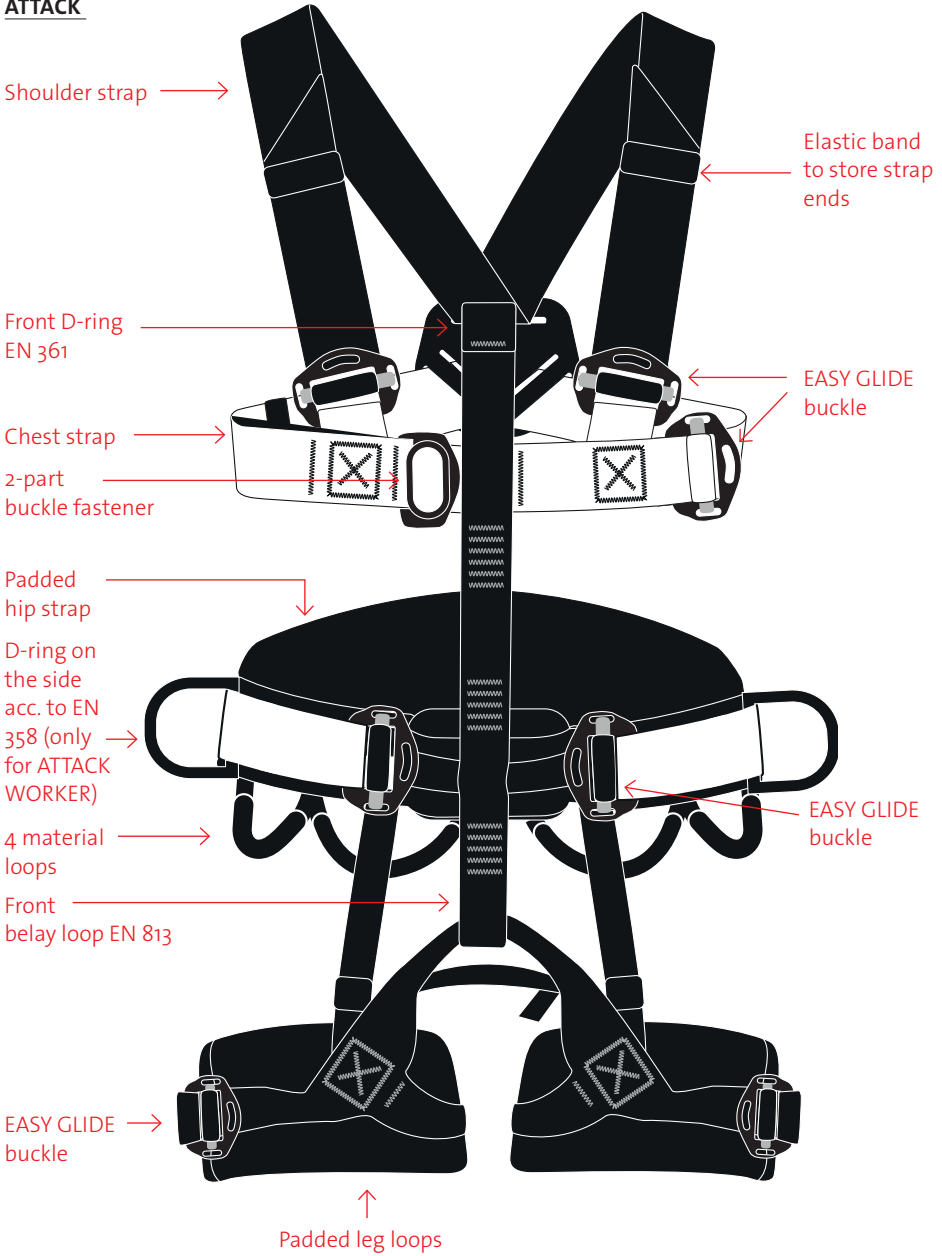
EQUIPMENT

- Front D-ring EN 361
- Front belay loops EN 813
- Material loops 4x
- Rear restraint loop tested to EN 358
- State-of-the-art polyamide fabric
- Colours: ATTACK WORKER in black-yellow of black, ATTACK SEK in black
- D-rings on the side (only on ATTACK WORKER)

USE

- Arresting
- Restraint
- Rescue
- Climbing
- Mountain climbing
- Mountain rescue
- Air rescue
- Intervention

ATTACK



INFORMATION BEFORE USE



**Always check every time
before use!**

- The personal protective equipment (PPE) may no longer be used in the case of even very minor faults.
- Faulty PPE components may only be tested or repaired by BORNACK or in a workshop authorised in writing by BORNACK.
- Regular inspections are essential because the safety of the user depends on the efficiency and durability of the PPE.
- The user must have completely read and understood the User Manual before use.

VISUAL INSPECTION

- Check all fittings are in place and in a flawless condition.
- Check that the straps are in a flawless condition.
- Check that all seams are in a flawless condition.

FUNCTION TEST

- Close the buckles.
- EASY GLIDE adjustment buckles can be positioned by tilting and will lock into place afterwards.

ATTACK IN USE

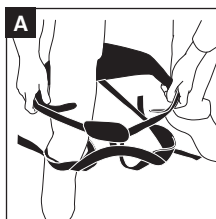
PREPARATION

ATTENTION:

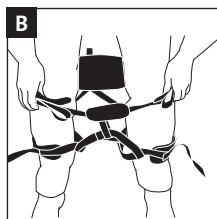


Put on the harness as described below and adjust to fit the wearer.

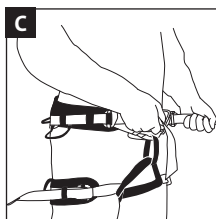
A Lay out the harness so that the leg loops are not twisted and the EASY GLIDE buckles lie on the outside.



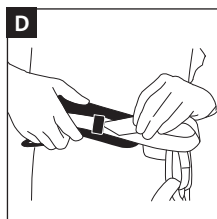
B Enter the leg loops from the top through the hip strap and pull up.



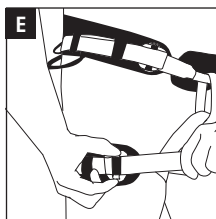
C Adjust the hip strap and close: pull the adjustment strap on the EASY GLIDE buckles of the hip strap on both sides to the front until the hip strap sits tightly and doesn't slip down.



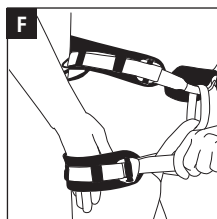
D The excess strap length can be pushed through the elastic band ring on the side.



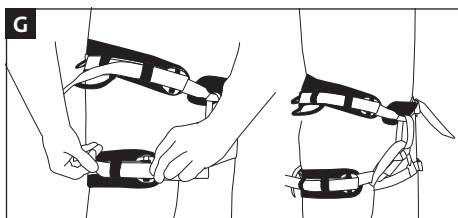
E Close the leg loops: to tighten the EASY GLIDE buckle, slightly lift with the other hand and then pull the adjustment straps tight.



F Tighten the leg loops and ensure that a flat hand can fit between the straps and the thighs.

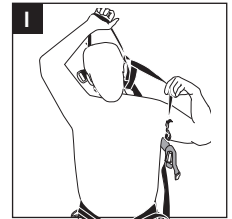
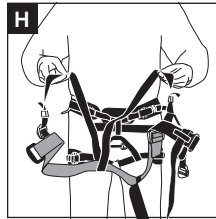


G Adjust the leg loops leaving feed guide the excess ends of the hip strap and the leg loops through the elastic band ring to tuck away.



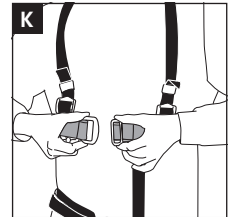
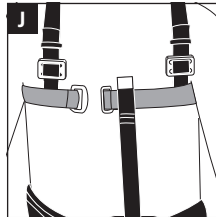
ATTACK IN USE

H Lay out the chest harness so that the braces and the horizontal chest strap are not twisted and the adjustment buckles and the front belay loops lie on the outside.



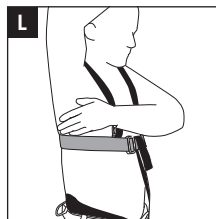
I Put the chest harness on like a jacket.

J Thread the chest strap through the connection loop thereby connecting it to the seat harness.



K Close the buckle fastener on the front. The width can be adjusted steplessly at the left side. Set the width of the chest strap so that the harness can be worn easily and comfortably when closed, but is not too loose.

L Set the height of the chest harness so that the horizontal chest strap is approx. one hand width below the armpits.



The length should be adjusted so that the seat harness is slightly taut when the wearer is in an upright position without restricting freedom of movement.

Conduct a suspension test in a safe place to check the settings.

ATTENTION:



Check the fasteners and adjustment buckles regularly during use.

CAUTION: RISK TO LIFE!



Do not use the material loops to belay or for positioning!

ATTACK IN USE

CAUTION: RISK TO LIFE!



Depending on the application, the suitable belay loop must be used! The lower loops of the connection loop are not arresting loops acc. to EN 361 and may not be used for arresting!

ATTENTION:



Avoid excess free suspension. There is a risk of suspension trauma.

DISMANTLING

Take off the full body harness in reverse order.
L – A.

SAFETY INSTRUCTIONS

There is a risk to life if these safety instructions are not observed.

- The personal protective equipment (PPE) may no longer be used even in the case of very minor faults.
- Damaged, fall-stressed or dubious personal protective equipment or safety devices must be immediately withdrawn and not used. The equipment may only be inspected by an expert in compliance with DGUV (German Social Accident Insurance) principle 312-906, by BORNACK or by a workshop authorised in writing by BORNACK. This must be documented in the test card.
- Independent modifications or repairs are not allowed.
- The full body harness is part of the personal fall prevention equipment and should be assigned to a specific person.
- The personal protective equipment may only be used by qualified staff that are familiar with the material. They must be proficient in handling the personal protective equipment and must have been briefed about the possible risks associated with its use.
- In accordance with the accident prevention guidelines (UVV), the users of fall protective equipment (Category III) must attend a theoretical training course and a practical training course. Make use of the training competence of the BORNACK training centres: info@bornack.de
- Clothing and shoes must be suitable for the task at hand and the weather conditions.
- Only use if fully fit and healthy.
- Health impairments (e.g. the use of medicines or alcohol, heart or blood circulation problems) can jeopardise the safety of the user when working at heights or depths.
- Protect personal protective equipment during storing, use and transportation against the effects of heat (e.g. welding flames or sparks, burning cigarettes) and chemicals (e.g. acids, alkalis, oils, etc.) and mechanical effects (e.g. sharp edges).
- Calculation of the possible fall path if all necessary PPE components are used correctly: (if necessary braking path HSG) + surplus lanyard (situation-dependent) + braking path energy absorber (max. 1.75 m) + height of D-ring (1.5 m) + safety reserve 1.0 m.
- Before use, ensure adequate clearance below the user to prevent impact on a protruding object or the ground.
- The combinability and protective effect of the PPE must be checked for each hazard situation (risk assessment).
- If a casualty hangs motionless in a full body harness for a longer time, blood cannot flow back from the legs and/or the flow may be interrupted. This can lead to a suspension trauma, a circulatory shock with serious to fatal consequences.
- Before starting work, the responsible person must draw up a plan of rescue measures that defines how to rescue casualties quickly and safely and ensures first aid measures. Persons must be rescued within 10 to 30 minutes. BORNACK can help you draw up tailor-made rescue plans and includes these in the necessary training courses.
E-mail hotline: info@bornack.de

SAFETY INSTRUCTIONS

- The local safety guidelines (e.g. in Germany, the DGUV Regulations 112-198 and 112-199 issued by the professional associations) and the accident prevention guidelines for the specific industry (UVV) must be observed.
- Application temperature: -20 °C to +80 °C.
- The full body harness must be set to the wearer's body size (including clothing).

OTHER

APPROVAL:

Complies with the Regulation (EU) 2016/425 for PPE.

EU type testing (Module B) and production monitoring (Module C2) by:

TÜV SÜD Product Service GmbH
Ridlerstr. 65, 80339 München
CE 0123

Quality management system certified to ISO 9001:2015.

Production monitoring by notified office in accordance with Category III.

REGULAR INSPECTIONS

- This personal protective equipment must be inspected at least once a year by an expert in compliance with DGUV Principle 312-906. The result must be documented in the test card at the end of this User Manual.

SALES

- The dealer must ensure that the User Manual is supplied in the language of the designated country. The respective translation must be authorised by BORNACK.

SERVICE

If you have any further questions about this PPE or other BORNACK services, such as:

- Risk analyses
- Rescue plans
- Training courses
- Expert inspections
- Technical inspections
- Maintenance + inspections

If you have any questions, please contact our e-mail hotline: info@bornack.de

We will be happy to help!

MAINTENANCE

- Apply a small amount of oil on the joints so that the moving parts of the connector acc. to EN 362 and other devices run smoothly. If possible, use precision mechanics oil. Ensure that the oil does not come into contact with textile PPE components.
- Maintenance may only be carried out by a qualified expert in compliance with DGUV Principle 312-906. All instructions in this User Manual must be strictly observed.
- Protective equipment that is clean and well looked after will last longer!

OTHER

CLEANING

- Dry damp personal protective equipment in the air, not on artificial heat sources. Dry metal components with cloths.
- Clean soiled textile components (e.g. arrester harnesses and ropes) with lukewarm water and a little detergent for delicates. Then rinse carefully and allow to dry in the air. Other cleaning agents are not allowed!
- If disinfection is necessary, please contact the e-mail hotline:
info@bornack.de
- If the personal protective equipment comes into contact with salt-water, keep it wet until it can be rinsed with plenty of distilled water.
- If necessary, use compressed air to blow on the unit.

LIFE SPAN

The following recommendation applies for the use of the ATTACK:

Maximum usage period after being used for the first time: 10 years

In ideal storage conditions and annual inspections, the product may be stored for up to 3 more years before it is used for the first time without impacting on the stated maximum usage period. Every further year in storage reduces the final maximum allowed usage period by 1 year.

Metal parts are not subject to age-related life span deadlines. The expert makes a decision based on his technical expertise and the latest version of the standard.

For reasons of safety, intensive use and/or extreme application conditions such as sharp edges, chemical influences, UV radiation etc. will reduce the usage period. The company owner needs to take this into account in the workplace risk analysis.

The company owner must ensure compliance with the maximum usage period by documenting first-time use in the test card.

The test card at the end of this User Manual must be presented during the regular expert inspections and be completed by an expert. For more details, please visit www.bornack.de.

REPAIRS

- Repairs may only be carried out by BORNACK or in a workshop authorised in writing by BORNACK.
- Only original spare parts from the manufacturer may be used.

OTHER

STORAGE

- Dry wet PSA **before** storage.
- Store in a dry place away from direct sunlight.
- Do not store PPE near radiators. Permanent exposure to temperatures below 0 °C or above +50 °C has a negative impact on the strength of the textile material and shortens the life span.
- Do not allow PPE to come into contact with aggressive substances (e.g. oils, grease, acids, chemicals). Precision mechanics oils may be applied to moving metallic parts during maintenance. Always ensure that textile PPE components do not come into contact with the oil.
- Do not store personal protective equipment close to aggressive substances (see above) because even the vapours of aggressive substances can have a negative effect on the strength of the PPE.
- Store the personal protection equipment in the device case or harness bag.

TRANSPORT

- Protected transport in the device case or device bag.

OTHER

PRODUCT IDENTIFICATION

The following identification is on the product:

ATTACK WORKER chest strap

Product name → **ATTACK WORKER**
 Product category → Brust-/Sitzgurtkombination
 Product type → TYP ATK01/AOES,HOEV,SHOE/-/ Brustgurt
 Charge Serial number → LOT 1002309_G031
 SN 20-1234567

Production date → 04/2020
 Article no. → 001
 Size → M-XL
 Max. useful load → 100 kg
 CE symbol → CE 0123
 Manufacturer address → BORNACK GmbH & Co. KG, Bustadt 39, 74360 Ilsfeld/Germany
 Logo → BORNACK
 Data matrix → [QR code]

Observe/read the User Manual → [Icon]

Handling buckles and connection of the chest harness with the seat harness → [Icons]

ATTACK WORKER seat harness

Product name → **ATTACK WORKER**
 Product category → Brust-/Sitzgurtkombination
 Product type → TYP ATK01/AOES,HOEV,SHOE/-/Sitzgurt
 Size → M-XL
 Charge Serial number → LOT 1002309_G031
 SN 20-1234567

Production date → 04/2020
 Article no. → 001
 EN Norms → EN 358:2018, EN 813:2008, EN 361:2002, EN 12277-A/C:2015+A1:2018
 Max. useful load → 100 kg
 CE symbol → CE 0123
 Manufacturer address → BORNACK GmbH & Co. KG, Bustadt 39, 74360 Ilsfeld/Germany
 Logo → BORNACK
 Data matrix → [QR code]

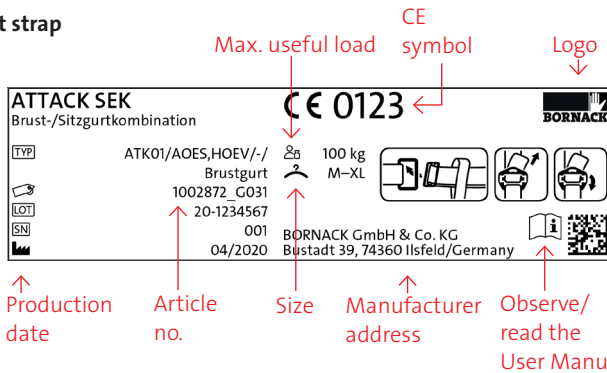
Observe/read the User Manual → [Icon]

Handling buckles and connection of the chest harness with the seat harness → [Icons]

OTHER

ATTACK SEK chest strap

Product name →
 Product category →
 Product type →
 Charge
 Serial
 number →



Max. useful load
 CE symbol
 Logo

Production date
 Article no.
 Size
 Manufacturer address
 Observe/
 read the
 User Manual

ATTACK SEK
 Brust-/Sitzgurtkombination

100 kg
 M-XL

ATK01/AOES,HOEV/-/
 Brustgurt
 1002872_G031
 20-1234567
 001
 04/2020

BORNACK GmbH & Co. KG
 Bustadt 39, 74360 Ilsfeld/Germany

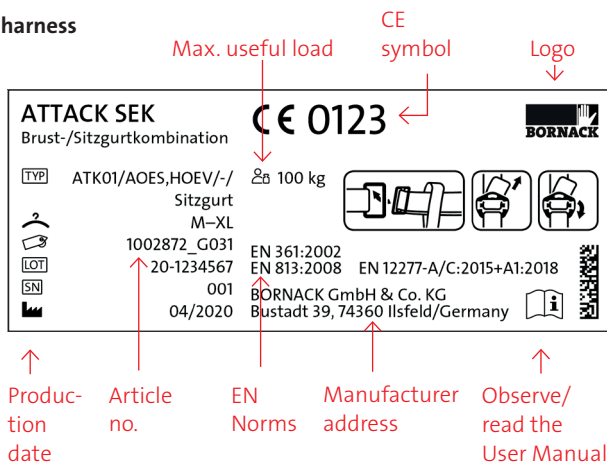
BORNACK

Handling buckles and connection of the chest harness with the seat harness

Data matrix

ATTACK SEK seat harness

Product name →
 Product category →
 Product type →
 Size →
 Charge
 Serial
 number →



Max. useful load
 CE symbol
 Logo

Production date
 Article no.
 EN Norms
 Manufacturer address
 Observe/
 read the
 User Manual

100 kg

ATK01/AOES,HOEV/-/
 Sitzgurt
 M-XL
 1002872_G031
 20-1234567
 001
 04/2020

EN 361:2002
 EN 813:2008
 EN 12277-A/C:2015+A1:2018

BORNACK GmbH & Co. KG
 Bustadt 39, 74360 Ilsfeld/Germany

BORNACK

Handling buckles and connection of the chest harness with the seat harness

Data matrix

EU DECLARATION OF CONFORMITY



EU Declaration of Conformity

The manufacturer or his authorised representative established within the EU

BORNACK GmbH & Co. KG
Bustadt 39
74360 Ilsfeld
Germany

hereby declares that the following personal protective equipment

Full body harness
ATTACK

- is in conformity with the relevant harmonisation legislation according to Annex V (Module B) of the Regulation (EU) 2016/425 on personal protective equipment according to Article 19 (category III PPE) and is examined to EN 358:2018 (ATTACK WORKER only) EN 361:2002 EN 813:2008 EN 12277:2015+A1:2018
- is identical to the PPE that is the object of the EU type-examination certificate No. P5A 040506 0277 Rev. 00

issued by

TÜV SÜD Product Service GmbH
Zertifizierstelle
Ridlerstraße 65
80339 München
Germany
CE 0123

- is subject to the assessment of conformity to type, based on internal production control plus supervised product checks according to Module C2 of the Regulation (EU) 2016/425 for personal protective equipment (category III PPE), monitored by the notified body

TÜV SÜD Product Service GmbH
Zertifizierstelle
Ridlerstraße 65
80339 München
Germany
CE 0123

20 March 2020

BORNACK GmbH & Co. KG

A handwritten signature in black ink, appearing to read 'Ulrike Bornack'.

Ulrike Bornack
Managing Director

TEST CARD

FOR ANNUAL MONITORING

The test list must be completed in full by the expert during the annual inspection.

This test list does not claim to cover all test criteria and does not relieve the expert from his decision about the overall condition.

Type product name: _____

Production date: _____

Charge No.: _____ Serial No.: _____

Purchase date: _____

Date of first Use: _____

Maximum life span until: _____

	Date	Signature	Next inspection	Reason for inspection
Year 1				
Year 2				
Year 3				
Year 4				
Year 5				
Year 6				
Year 7				
Year 8				
Year 9				
Year 10				



FALLSTOP

Safety equipment for securing and rescuing at heights and depths

SAFEPOINT

Planning and assembly of stationary securing systems

BORNACK GmbH & Co. KG

Bustadt 39
74360 Ilsfeld
Germany

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Fax + 49 (0) 70 62 / 26 90 0-550
info@bornack.de
www.bornack.de

