



ATTACK WORKER

User manual

ATTACK WORKER

Chest / seat harness combination

Subject to technical changes

BRIEF DESCRIPTION

INTENDED USE

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 karabiner 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.

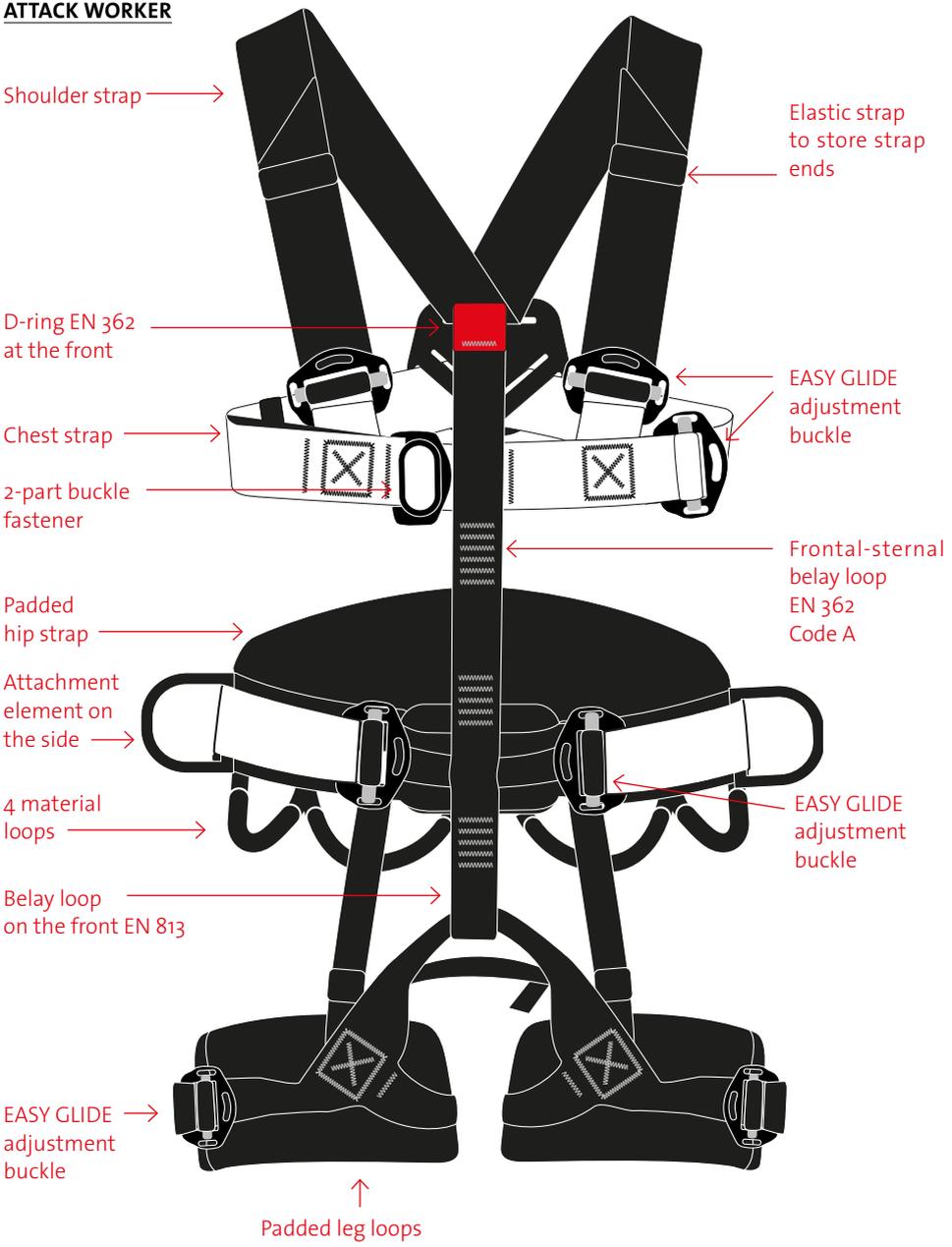
EQUIPMENT

- 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
- Attachment element on the side
- Size
 - S-M
 - M-XL

USE

- Arresting
- Holding
- Rescuing
- Climbing
- Mountain climbing
- Mountain rescue
- Air rescue
- Intervention

ATTACK WORKER



BEFORE USING



Always check before use!

- The personal protective equipment (PPE) may no longer be used even in the case of very minor faults. Faulty personal protective equipment may only be tested or repaired in a workshop authorised by BORNACK.

VISUAL INSPECTION

- Check that all parts are complete and fully functional.
- Check (that) harness straps are fully functional.
- Check that all seams are flawless.

FUNCTION TEST

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

ATTACK IN USE

PREPARATION

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.

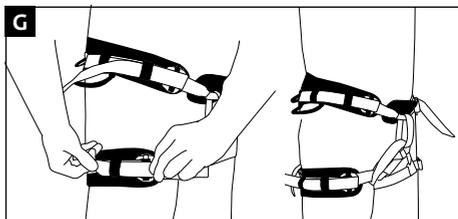
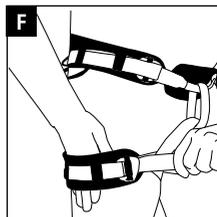
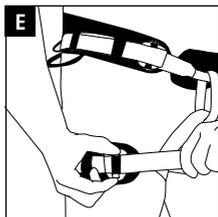
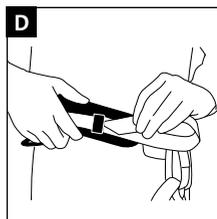
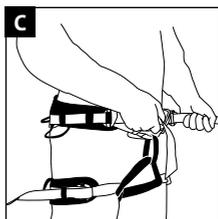
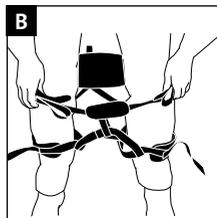
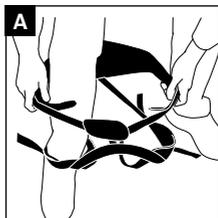
C Adjust the hip strap and close: pull the adjustment strap on the EASY GLIDE buckles of the hip strap on both sides to the front until the hip strap sits tightly and doesn't slip down.

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.

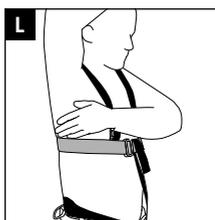
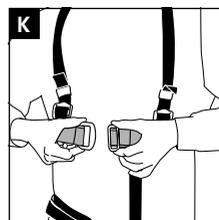
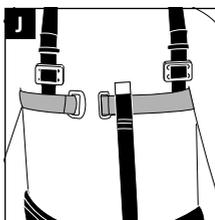
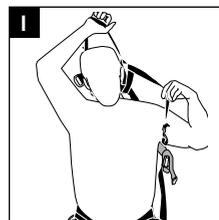
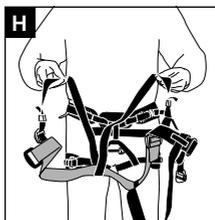
CAUTION:

Check the fasteners and adjustment buckles regularly during use.



CAUTION THREAT TO LIFE:

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



REMOVING

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, dubious personal protective equipment or safety devices must be immediately withdrawn and not used. The equipment may only be inspected by an expert or a workshop authorised in writing by BORNACK. This must be documented in the test card.
- No independent changes or repairs may be carried out.
- The full body harness is part of the personal fall protection 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 compliance with the accident prevention guidelines (UVV), users of PPE for fall protection purposes (Category 3) must undergo practical and theoretical training. Make use of the training competence of the BORNACK training centres: hotline@bornack.de.
- Accessories from other manufacturers may only be used if approved by BORNACK and may not impair the function and safety of the protective equipment.
- Clothing and shoes must be suitable for the task at hand and the weather conditions.
- Only use the equipment if you are fully fit.
- 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) and mechanical effects (e.g. sharp edges).
- Possible fall path if all required PPE components are used correctly: brake path fall arrester (max. 175 cm) + (if necessary reaction time HSG) + physical height (clear height of the PPE) + safety reserve 1 m.
- If users remain suspended without moving for a long time in a full body harness the blood circulation from the legs may be restricted or blocked. This can lead to a suspension trauma and anaphylactic shock, with serious or even 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. Casualties must be rescued within 10 to 30 minutes. BORNACK can help you draw up tailor-made rescue plans in specific training courses: hotline@bornack.de
- The local safety guidelines (e.g. in Germany, the guidelines issued by the professional associations BGR 198 and BGR 199) and the accident prevention guidelines for the specific industry (UVV) must be observed.
- Application temperature: -20 °C to +80 °C.
- Check compatibility with other PPE parts.
- Set the full body harness to your physical measurements (including clothing).

OTHER

APPROVAL

Complies with the EC Directive 89/686/EEC.

Type testing and production monitoring by:

TÜV Süd, Product Service GmbH
Daimlerstr. 11, 85748 Garching
CE 0123

Quality management system certified to
DIN EN ISO 9001.

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. 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 safe use of this PPE or other BORNACK services, such as:

- Risk analysis
- Rescue plans
- Training courses
- Expert inspections

please send your question to our e-mail hotline:
hotline@bornack.de

We will be happy to help!

MAINTENANCE

- Oil mobile parts on karabiners and other devices to ensure they run smoothly.
- Maintenance work may only be carried out by trained experts. The instructions in this user manual must be observed strictly.
- Protective equipment that is well looked after will last longer!

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 thoroughly and allow them to dry in the air. No other cleaning agents may be used!
- For information about disinfection, please contact the email hotline: hotline@bornack.de
- If the personal protective equipment comes into contact with saltwater, keep it wet until it can be rinsed with distilled water.
- Use compressed air to blow on the unit.

OTHER

LIFE SPAN

Recommendations for the use of personal fall protection equipment in industrial and intervention environments:

Maximum storage period before using for the first time: (up to) 3 years

If unused, stored in optimum conditions and regularly inspected by an expert, the harness can be stored for 3 years with no loss of functional performance.

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

If used correctly, occasional and not intensively.

- used approx. 5 to 10 p.a., e.g. in simple training courses
- low mechanical loads e.g. quasi-static with own body weight
- used < 50 times p.a. in normal Central European UV exposure
- no damage or clear signs
- Intensive use and/or under extreme operating conditions, such as sharp edges, chemical influences etc. will reduce the usage period for reasons of safety. The company owner must ensure this in a risk analysis of the workplace.

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

The test card at the end of this user manual must be presented during the regular expert inspections and completed by the expert.

For more details, please visit the website www.bornack.de in the BORNACK brochure „Life span of textile personal protective equipment components“.

REPAIRS

- For reasons of liability, repairs may only be carried out by the manufacturer or authorised workshops.
- Only original spare parts from the manufacturer may be used.

STORAGE

- Dry damp personal protective equipment **before** storing.
- Store away from light in a dry place.
- Do not store personal protective equipment close to radiators. Permanent temperatures of over +50 °C have a negative impact on the strength of the textile material and will reduce the life span.
- Do not allow personal protective equipment to come into contact with aggressive substances (e.g. oils, grease, acids, chemicals).
- Store the personal protective equipment in the device case or device bag.

TRANSPORT

- Transport the personal protective equipment in the device case or device bag.

OTHER

PRODUCT IDENTIFICATION

You will find the following information on the product:

Seat harness



EN standard

CE symbol

Contact

Chest harness



EN standard

CE symbol

Contact

← Logo →

← Product name →

← Product type →

← Size →

← Article no. →

← Charge →

← Year of production →

← Max. useful load →

← QR code

← Read/observe user manual

← Pictogram Chest-seat combination

← QR code

← Read/observe user manual

← Pictogram Thread the connecting loop

TEST CARD

FOR ANNUAL MONITORING

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

Type product name: _____

Manufactured on: _____

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

Serial no.: _____

Purchase date: _____

Date of first use: _____

Life span at the latest: _____

	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

Permanently installed safety systems for architects and industry

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