



**Intended use Model AS/NZS (Type 1: Industrial)**  
**General occupational protective helmet. AS/NZS 1801:2024**

**PROTOS® Forest is a equipment variant of the PROTOS® Industrial, which includes a visor and hearing protection.**

Please read the instruction manual carefully and keep all operating and maintenance manuals. To guarantee the best-possible protection, comfort and functionality of the PROTOS®, it is vital to take notice of the following information!

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**EN** PROTOS® Industrial – User information

Download this user information and  
the detailed user manual here:

[www.protos.at/download/ba\\_as\\_nzs](http://www.protos.at/download/ba_as_nzs)

## USER INFORMATION

The PROTOS® model AS/NZS and its components comply with the AS/NZS 1801:2024 and fits head sizes from 54 to 62 cm. The mass of the helmet is 570g without accessories. The operating temperature range is from -10 °C up to +50 °C. This type of protective helmet is typically used in building and construction, mining, shipbuilding, forestry and other industrial settings and is specified to protect the wearer's heads from falling objects and similar hazards. For basic operating instruction, please take also a look at the user manual.

We would like to inform you that according to the newest version the AS/NZS 1801:2024 does not specify requirements for helmets for motor vehicle users, pedal cyclists, horse riders, wildland firefighters or structural firefighters. Refer to AS/NZS 1800 for guidance on selection, use and maintenance of occupational protective helmets.

**SAFETY WARNING!** Also helmets certified according to guidelines and standards do not guarantee the elimination of injuries or death.

**SAFETY WARNING — HELMETS SHALL BE REPLACED IF DAMAGED DUE TO SEVERE IMPACT OR DETERIORATION.**

**DO NOT MODIFY OR REMOVE PARTS. REPLACE COMPLETE HARNESS ONLY.**

The purpose of this information is to warn against replacement of separate components, e.g. individual straps of harnesses, which may reduce the performance of the helmet assembly.

**IN-USE ELECTRICAL INSULATION FOR HELMETS WITH VENTILATION AND OTHER HOLES MAY BE COMPROMISED. THE END USER SHOULD SELECT THE MOST SUITABLE HELMET FOR SITUATIONS INVOLVING ELECTRICAL HAZARDS.**

**HELMET MAY BE SERIOUSLY DAMAGED BY SUBSTANCES SUCH AS PETROL, PAINT, ADHESIVES, AEROSOL SPRAYS OR CLEANING AGENTS.**

**IF A CHIN STRAP IS EQUIPPED, PLEASE BE AWARE THAT IT IS DESIGNED FOR HIGH RETENTION STRENGTH.**

This helmet should not be used by children when climbing or for other activities when there is a risk of strangulation / hanging if the child gets caught with the helmet.

## Important information

### 1. Please take note of the following!

No protective equipment can provide absolute protection from injury or death. The degree of protection depends on many factors. This PROTOS® and its components are not a substitute for safe work practices. Please observe the safety provisions of the relevant authorities (professional associations, government agencies for occupational health and safety and the like) and safety instructions in the manual of the power tool you use. Check the PROTOS® and its components before each use to make sure it is in good condition (for example, visual check). Immediately discard the PROTOS® if damages or changes are found. Make sure that these parts cannot be reused again!

### 2. Choosing the right size

- a) The PROTOS® should not be pulled down too far in the forehead, so the view is not impaired.
- b) The forehead must be protected. Therefore, the PROTOS® should not be pushed too far over the back of the head.
- c) The PROTOS® is properly adjusted when sitting horizontally on the head.

The protective effect is only achieved if the PROTOS® fits properly and the headband is adjusted to the size of the head (also note point 3).

### 3. Choosing the right height

To achieve optimum protection, adjust the correct height of the PROTOS® (3-stage adjustment, left and right side of the neck guard) (also note point 2).

### 4. Adjustment of the PROTOS® MaClip Chin Strap (designed for high retention strength)

Back snap fastener



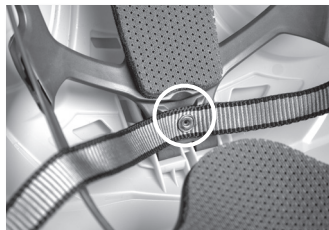
Front snap fasteners



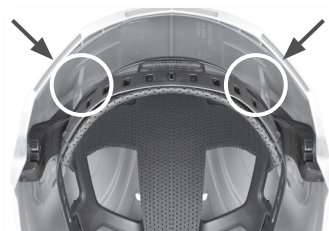
Now pull the chin strap through the guides on both sides of the back part of the neck guard (to do so, it is best to push the neck guard outwards again).



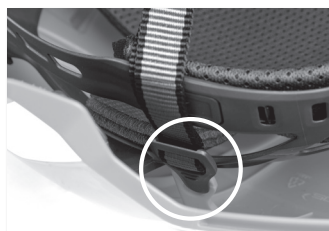
Back socket



Push the "back snap fastener" into the socket in the back under the neck guard on the inside of the helmet by pushing down hard.



There are two more fasteners at the front of the chin strap. Snap both of these into the sockets on both sides (circles). Lock them into place by pulling slightly, so that they point to the inside of the helmet.



Make sure the tension of the chin strap is the same on both sides! The divider should be around two fingers wide below your ear.



Once you have made final adjustments to your chin strap, the excess part of the strap can be cut off and the cut edge can then be melted using a lighter.

## 5. Cleaning and disinfection

PROTOS® and its components are technical products and need appropriate treatment and care to preserve their safety function. Only use substances for cleaning or disinfection that are not detrimental to the helmet or wearer! The shell and interior fittings of the helmet can be cleaned with warm soapy water (+30 °C to +40 °C) – do not use cleaning machines. Do not use cleaning agents that contain solvents or aggressive substances. Improper cleaning and care can adversely affect or damage the protective effect of the product.

## 6. Safekeeping and storage

The original cardboard packaging protects the product from dirt and UV rays. Please note that the product should be kept in a well-ventilated, dry place, away from extreme temperatures and contact with liquids or UV rays! Also ensure that the PROTOS® is not subjected to pressure when stored!

## 7. Accessories and spare parts

- PROTOS® Hearing Protection, **Item 204067**
- PROTOS® Hearing Protection Capsule without Bracket, **Item 204058**
- PROTOS® Hearing Protection Pads, **Item 204062**
- PROTOS® Etch Metal Visor, **Item 204063 – F39, Item 204064 – G16**
- PROTOS® Clear Visor, **Item 204071**
- PROTOS® KlimaAIR® Set, **Item 204060**
- PROTOS® KlimaAIR® Headband, **Item 204070**
- PROTOS® MaClip Chin Strap, **Item 204043**
- PROTOS® Neck Protector, **Item 204065**
- PROTOS® Safety Glasses, **Item 204090**
- PROTOS® Optical Insert, **Item 204094**
- PROTOS® Hearing Protection Bracket, **Item 204057**
- PROTOS® Hearing Protection Sound Insulation Insert, **Item 204059**
- PROTOS® Communication Attachment Bracket, **Item 203019**
- PROTOS® MaClip Light, **Item 204074 – left, Item 204078 – right**
- PROTOS® MaClip Light mini, **Item 204044**
- PROTOS® BT-COM, **Item 205200**
- PROTOS® Actioncam-Bracket with Safety Loop, **Item 204047**

To ensure performance and safety, only original PROTOS® spare parts should be used.

## 8. Transport

Transport the PROTOS® in the box provided or in a protective cloth bag. Avoid contact with liquids or exposure to UV radiation during transport (e.g. shop windows, hat rack).

## 9. Avoiding damage

Avoid any contact of this PROTOS® and its components with pointy or sharp objects (chainsaw chain, metal tools, etc.) and with aggressive substances such as acids, oils, solvents, fuels and the like to avoid damaging the material. Do not apply adhesive tape, paint, solvents, adhesives or adhesive labels to the helmet – this can affect the protective performance!

## 10. Service life

A helmet conforming to this standard should be retired after two years in operation or five years in office use. Please find the production date on the inside of the front outer shell. It is imperative to replace them in due time!

## 11. When should the PROTOS® no longer be used?

The PROTOS® and its components should be checked for visible defects (cracks, discoloration, etc.) before each use. The PROTOS® and/or its components should be immediately replaced after exposure to stress (e.g. a fall or blow), even if the damage is not visible externally. Any modification of the product and its accessories (e.g. drilling holes in the shell) can negatively affect the protective performance and must therefore not be carried out on this product!

## 12. Identification

AS/NZS 1801:2024 (certified standards); Type 1: Industrial (type designation)  
AS/NZS (model name); Size: size range; Weight: weight  
Production date: month / year; AS/NZS xxxxxx: serial number of the outer shell

Shell material: ABS

(acrylonitrile butadiene styrene), recyclable.



### This product was tested by:

PZT GmbH  
Bismarckstraße 264 B  
26389 Wilhelmshaven - Germany  
Notified body 1974.

PROTOS GmbH is ISO 9001 certified.

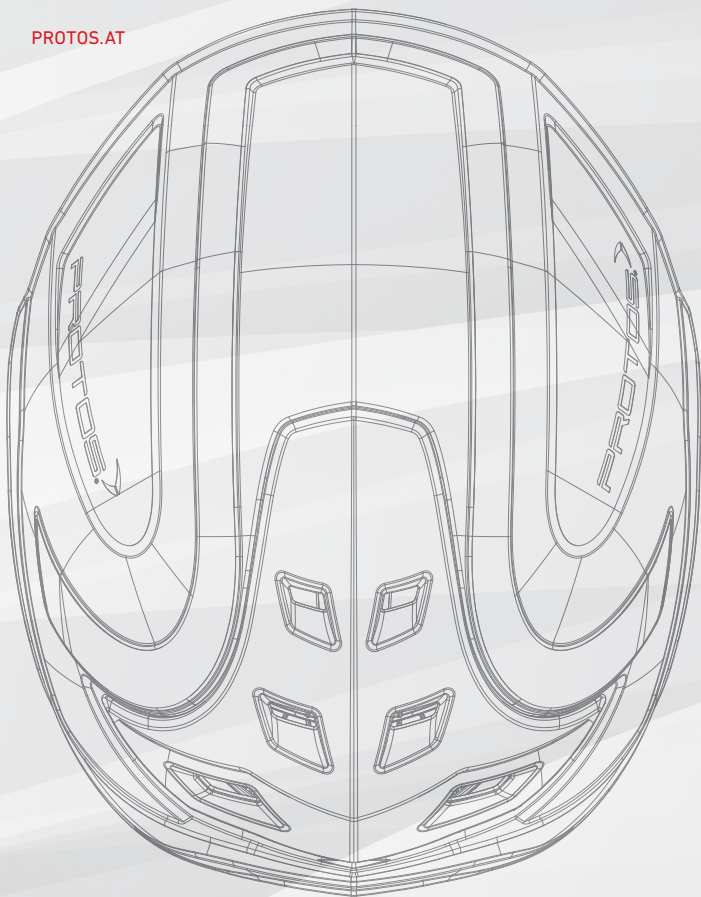
**For additional information,  
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