



Operating Manual

alphaBelt Pro
alphaBelt Basic
alphaBelt Lanyard

System for positioning and rescue, with SCBA integration

GB



Order No. 10156928/00

MSA AUER GmbH
Thiemannstrasse 1
D-12059 Berlin

Germany

© www.MSAafety.com. All rights reserved

Contents

1 Safety Regulations 4

1.1 Correct Use 4

1.2 Liability Information 5

1.3 Safety and Precautionary Measures to be Adopted 6

2 Description 7

2.1 Overview 8

2.2 Connecting Points for Breathing Apparatus 10

2.3 Labels and Markings 10

3 Use 11

3.1 Safety Instructions 11

3.2 Preparing the Belt System for Use 11

3.3 Using the Belt System 13

4 Maintenance and Cleaning 23

4.1 Regular Checks 23

4.2 Cleaning 24

4.3 Disinfection 24

4.4 Maintenance 24

5 Transport and Storage 25

5.1 Transport 25

5.2 Storage 25

6 Certification 26

7 Ordering Information 27

8 Appendix 29

1 Safety Regulations

1.1 Correct Use

alphaBELT Pro and *alphaBELT Basic* (hereafter also referred to as belts) are waist belts for restraining and positioning. In accordance with EN 358 and EN 137 they can be integrated into a breathing apparatus (hereafter referred to as SCBA) or can be used to carry other specifically certified devices on the back. The belts are intended to secure the user at the workplace (positioning function) or prevent the user from reaching a place from which the user could fall (restraining function). The belt system is personal protective equipment (PPE) for protection against falls from heights.

The *alphaBELT Lanyard* (hereafter referred to as lanyard) for itself can be used as lanyard according to EN 358, as lanyard for work positioning, as rescue loop according to EN 1498 class A and C and as well as an anchor device according to EN 795 B.

In combination with the *alphaBELT Lanyard* the *alphaBELT Pro* also function as a rescue seat in accordance with EN 1498 class B to hold the body of the user, who must be conscious and in a sitting position.

The belts and the lanyard were specifically developed for extreme working conditions, for example for fire fighters, also in combination with a breathing apparatus from MSA (series AirGo and AirMaXX).



Danger!

Do not perform any work with this belt system if due to physical condition health could be detrimentally affected during normal usage or in an emergency.



Danger!

If the *alphaBELT* components have been placed under strain by a rappelling or fall or have been damaged by other influences (for example high temperatures, flames, chemical or mechanical influences, etc.), they must be taken out of use immediately. If there is even the slightest doubt, the product must be taken out of use or must not be used again until a knowledgeable person has given written approval to do so after conducting a test.



WARNING

The user instructions for all components used in the system (for example breathing apparatus etc.) must be followed at all times.



WARNING

To keep up the functionality and safety of the products you must not clean different then mentioned in the cleaning guideline.
Not following the cleaning guideline can have impact on the stability and flame retardency of the belt system.

It is imperative that this operating manual be read and observed when using the product. In particular, the safety instructions, as well as the information for the use and operation of the product, must be carefully read and observed. Furthermore, the national regulations applicable in the user's country must be taken into account for a safe use.

**WARNING**

This product is supporting life and health. Inappropriate use, maintenance or servicing may affect the function of the device and thereby seriously compromise the user's life.

Before use the product operability must be verified. The product must not be used if the function test is unsuccessful, it is damaged, a competent servicing/maintenance has not been made, genuine MSA spare parts have not been used.

Alternative use, or use outside this specification will be considered as non-compliance. This also applies especially to unauthorised alterations to the product and to commissioning work that has not been carried out by MSA or authorised persons.

1.2 Liability Information

MSA accepts no liability in cases where the product has been used inappropriately or not as intended. The selection and use of the product are the exclusive responsibility of the individual operator.

Product liability claims, warranties also as guarantees made by MSA with respect to the product are voided, if it is not used, serviced or maintained in accordance with the instructions in this manual.



It is essential for the safety of the user that if the product is re-sold outside the original country of destination the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in the language of the country in which the product is to be used.

1.3 Safety and Precautionary Measures to be Adopted

The following points in particular are to be observed during use:

- This belt system may only be used by persons who have been instructed how to use it safely and who have appropriate knowledge or are under the direct supervision of such persons. The belt system should be made personally available to the user.
- The recommendations for use with other components must be followed: All other components in the rappelling and other attached systems (for example SCBA) must be certified and meet the requirements of the corresponding standards for personal protective equipment.
- Combinations of equipment parts that negatively affect the safe and reliable functioning of a piece of the equipment or the equipment as a whole endanger the user.
- The max. permissible loads for the components making up the rappelling or positioning belt system (for example belt fall cushioner, height restraint belt, etc.) must be observed.
- The components used in the PPE system must be suitable for the operation (regarding heat, chemicals, etc.), for example while working under conditions that require an SCBA according to EN 137 and ATEX.
- The PPE system for protection like restraining, positioning and rescue rappelling is not designed for usage under direct exposure to flames or longer influence of high temperatures above 100 °C.
- During rappelling, the supply of breathable air by the system may be impaired.
- After contact with hot parts, the protective effect against tensile strength may be impaired.
- If the belt system is used to rescue the wearer (in accordance to EN 1498, rescue loops), potential hazards (for example snagging of the conscious person on obstacles etc.) are to be noted and evaluated accordingly.
- Before using the belt system, it is to be examined for any effects which could result in damage to the belt system (for example direct contact with hot parts, chemicals, gases) or impair the safety of the user and any appropriate protective measures should be taken.
- After exposure to chemical contamination, the PPE may only be reused for protection like restraining, positioning and rescue rappelling once it has been examined to ensure it is safe for use (the textile material used in the load bearing strap is impregnated flame retardant polyester). The specifications of a resistance list are to be taken into account and the examination is to be conducted by a suitably qualified person (for example a chemist).
- Any changes or adaptations to the product by the user which are not intended by the manufacturer are not permitted. Adaptations may only be carried out by the manufacturer.
- Only those products on the positive list in the part "Ordering Information" of this manual are positively tested, approved and may be attached to the belt.
- Due to ergonomical benefits while using the rescue seat with the *alphaBELT Pro* MSA recommends to use the shoulder harness types MAX or EXX.

2 Description

The belts *alphaBELT Pro/alphaBELT Basic* and the *alphaBELT Lanyard* is a part of personal protective equipment for zones where the risk of a fall from a height exists.

alphaBELT Basic and the *alphaBELT Pro* are body supports that encircles the body at the waist.

In addition to the components of the *alphaBELT Basic* the *alphaBELT Pro* has the following components (see Fig.1):

- Front pouch with webbing loop, label and heat sensor
- Ergo-Click buckle
- The *alphaBELT Lanyard* is already included in the package.

The *alphaBELT Lanyard* can be used with or without a belt. For example the lanyard can be used without belt as an anchor point and with belt as a rescue seat.

For the belts and the lanyard it should be noted that, in the event of a rappelling, there is a possible risk of injury if the system is not worn correctly.

It is important to note that the user must be in appropriate physical and mental condition to enable them to carry additional weight (for example respirator) using their own muscle power.

2.1 Overview



Fig. 1 alphaBELT Pro and alphaBELT Basic

- | | | | |
|---|-----------------------------------|----|---|
| 1 | Safe-Click buckle | 7 | Connecting buckle (for SCBA back plate or device holder strap) |
| 2 | Front pouch | 8 | Holder for connecting buckle |
| 3 | Webbing loop for rescue loop seat | 9 | Ergo-Click buckle |
| 4 | Length adjustment buckle | 10 | D-rings / supporting eyes are restraining arresting points [EN 358] |
| 5 | Hip padding | 11 | Main strap |
| 6 | Back pouch for lanyard | | |



Fig. 2 alphaBELT Lanyard

- | | | | |
|---|--------------------------|---|--|
| 1 | Carabiner in D-Ring | 4 | Middle loop for rescue loop seat
[EN 1498 class B] (with red stitching) |
| 2 | Length adjustment buckle | 5 | Label with markings |
| 3 | Main strap | 6 | End loop |

Description

2.2 Connecting Points for Breathing Apparatus

The back-plate of the breathing apparatus must only be connected to the belt system at the two points provided for that purpose and only with the connecting buckles delivered with the belts.

Only the following self-contained breathing apparatus may be attached:

- AirMaXX
- AirGo

For correct use observe the operating manual of the respective breathing apparatus.

Any configuration of above breathing apparatus can be used if there is no other fall arrest harness connected to the back plate in parallel.

2.3 Labels and Markings

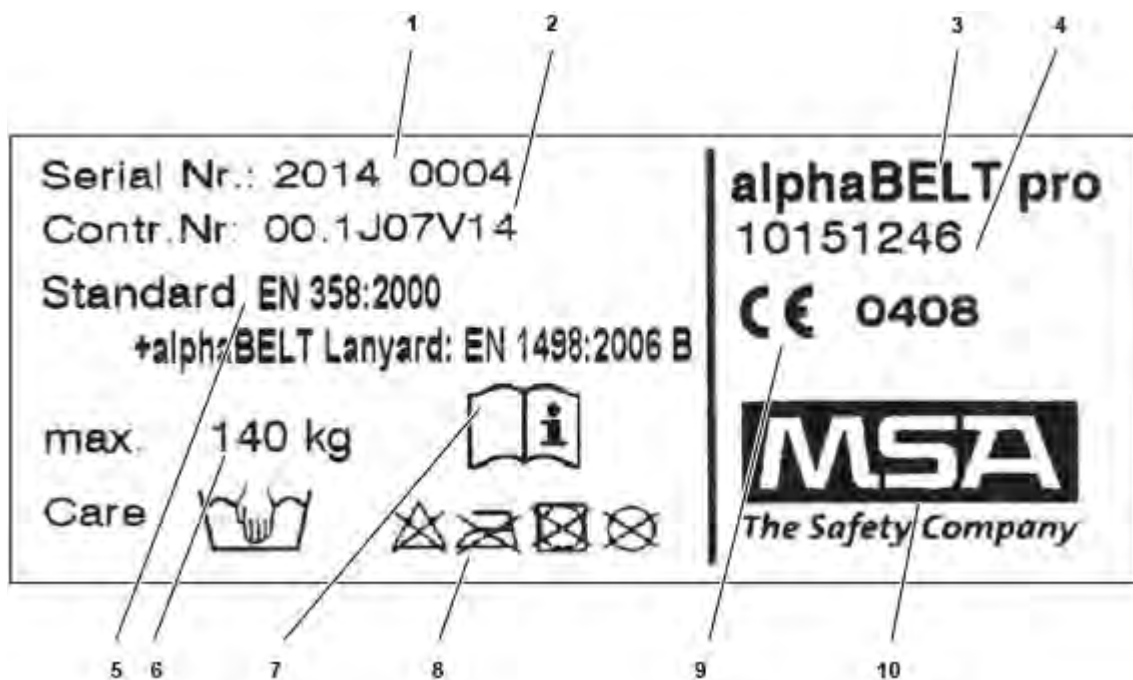


Fig. 3 Label on alphaBELT Pro

- | | | | |
|---|--------------------|----|---|
| 1 | Serial number | 6 | Rated weight
(user and equipment incl. SCBA) |
| 2 | Control number | 7 | Icon "Observe the manual" |
| 3 | Name of product | 8 | Care instruction symbols |
| 4 | Material number | 9 | *CE 0299 |
| 5 | Approved standards | 10 | Manufacturer |

*CE certifies compliance with the basic requirements of 89/686/EEC (personal protective equipment). The number designates the supervising authority of the quality system (CE 0408 TÜV Austria Services GmbH, A-1015 Vienna).

3 Use

3.1 Safety Instructions



Danger!

Do not perform any work with this belt system if due to physical condition health could be detrimentally affected during normal usage or in an emergency.



Before using the belt system for the first time, the user has to perform a suspension test to ensure that the belt system offers sufficient possibility for adjustment and is appropriately comfortable for the intended use.

3.2 Preparing the Belt System for Use

Before the belt system can be used, the entire system has to be visually inspected to ensure it is complete, in proper condition for being used and is operating properly.

All buckles, adjusting straps and restrain eyelets must be checked regularly.

A plan for rescue measures that takes into consideration all possible emergency cases must be on hand before the equipment is used. Before and during use it has to be considered how the rescue measures can be performed safely and effectively.

Connecting the Belts with the Lanyard



Fig. 4 Connecting belt with lanyard

- (1) Lace in the end loop around one D-ring on the left or right side of the belt to connect the lanyard with the belt.
- (2) It is recommended to adjust the lanyard in the longest position by positioning the length adjustment buckle close to the D-ring.
- (3) It is also recommended to store away the lanyard in the back pouch of the belt and to close the back pouch with the two buttons.



Fig. 5 Storing the lanyard

- (4) To avoid the lanyard hang around in a large loop, reduce the length of the free hanging lanyard by connecting the carabiner with the middle loop and with the opposite D-ring.
- (5) Reduce the size of the free hanging loop with the length adjustment buckles.



Fig. 6 Storing SCBA connecting buckles

- (6) Store SCBA connecting buckles close to the belt under the holders for the SCBA connecting buckles to avoid free hanging parts.
 - ▷ Use this procedure also when the back plate is mounted to enhance the wearing comfort by bringing the backplate closer to the body.
- (7) Close the front pouch of the *alphaBELT Pro* even if a carabiner is connected to this webbing loop.

Fasten the Back Plate on the Restraint Harness

- (1) If necessary, remove the original waist belt of the harness from the back plate before installing the belts.
- (2) Fasten the belts onto the back plate with the two SCBA connecting buckles.
 - ▷ SCBA connecting buckles are inserted through the corresponding fastening slots and aligned.



WARNING

Especially for the *alphaBELT Pro* the straps of the shoulder harness must run outside of the belt and must not fitted between any straps and padding. This measure allows a quick dropping or easy demounting of the back plate by opening the two Ergo-Click buckles on the backside of the *alphaBELT Pro*.

- (3) Adjust the complete harness and the back plate optimally to the user.

3.3 Using the Belt System



WARNING

The belt system for rescue and work positioning harnesses according to EN 358 is not designed for fall arrest purposes. Wherever applicable, adequate protective equipment (like fall arrest systems) as well as redundant security methods should be used.



WARNING

If a second carabiner is used with the belt system (for example for rescue loop according EN 1498 class B) the carabiner must be able to be used with an EN 137 approved breathing apparatus (for example made of steel) and must be approved according to EN 362:2004 for applications according to EN 358 and EN 1498.



WARNING

The Carabiner of the lanyard must not be used with the middle loop. This loop is only meant to be used for the rescue loop type B.



WARNING

Exposure to high temperatures or contact to hot objects or flames might affect the effectiveness of the belt. The heat load on the belt system should not exceed 100 °C.

Short heat impacts above this temperature level can have damaging effects on the strap material.

A non-reversible temperature/heat indicator in the front pouch shows if a temperature of 104 °C have been reached at exactly this specific point of the belt system. Once these indicator shows a black coloured square (normally white) the belt system must not be used anymore for any load bearing work like for example restraining, positioning or rescue rappelling. The product must not be used until a knowledgeable person has given written approval to do so after conducting tests. The circumference of the lanyards can be adjusted from 84 cm up to a wide of 130 cm. The rated load is 140 kg.

Use

It is essential for safety to comply the following rules during use:

- (1) Check the fastening and/or adjustment parts regularly.
- (2) Select the position of the anchor point and the way in which work and rappelling is performed in such a way, that any fall is avoided.
- (3) Any load bearing straps should not get in contact with damaging hazards like for example being routed over sharp edges.

Donning the Belts

- (1) Close the waist belt with the Safe-Click buckle.
- (2) Pull the waist belt tight with the two length adjustment straps on the side.
 - ▷ In the most ergonomic position the weight of the SCBA is mostly balanced on the hip and less on the shoulder harness.

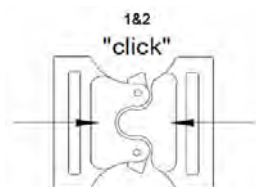


For *alphaBELT Pro* the front pocket with the webbing loop must be positioned in the middle axis of the body. Therefore the Safe-Click buckle should be positioned more to the left side.

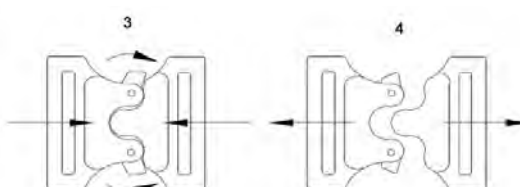
Use of Click Buckles

Safe-Click Buckle (Main Lock with Three Point Safety)

Close



Open



To close the buckle

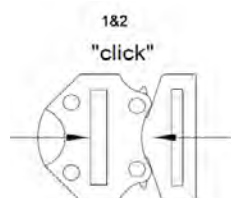
- (1) Push the parts of the buckle together until the "click" sound is noticeable.
- (2) Check if the buckle is locked and functioning properly.
 - ▷ Buckle halves freely movable within each other, gap between buckle halves 2-3 mm, pull on both buckle halves.

To open the buckle

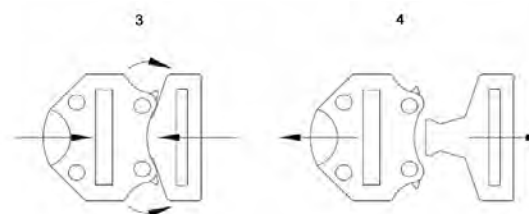
- (1) Push the parts of the buckle together while simultaneously pressing the two unlocking buttons in the direction of the MSA logo.
- (2) Pull the buckle halves apart.

Ergo-Click Buckle (Only on alphaBELT Pro)

Close



Open



To close the buckle

- (1) Push the parts of the buckle together until the "click" sound is noticeable.
- (2) Check if the buckle is locked and functioning properly.
 - ▷ Pull on the buckle halves.

To open the buckle

- (1) Press the two unlocking buttons simultaneously in the opening direction.
- (2) Pull the buckle halves apart.

Mounting Additional Tools on the Belts



Fig. 7 Additional tools on the belts

- (1) Install the small connector strap loop on the main strap of the belts around or beside the D-ring.
 - ▷ Both ends of the small connector strap must be on top and the loop of the small connector strap must hang behind the D-Ring.



WARNING

The small connector strap loop must only be used with objects that are tested for SCBA usage, which are not heavier than 1 kg and will not influence the ergonomic attributes of the harness. We are warningly emphasizing to follow the restriction of the EN 137 (for example no aluminum parts). Thus means also the overall weight of the SCBA needs to be chosen according to the EN 137.

Restraining and Positioning According to EN 358:1999

EN 358



EN 358

EN 358
EN 795 B

Fig. 8 Using the lanyard

- (1) Prepare the belt like described in point manual in the point "Preparing the Belt System for Use".
- (2) Pull the lanyard completely out of the back pouch of the belt.
- (3) Close the loop with the carabiner to use the lanyard as a supporting rope.
- (4) Connect the carabiner with one of the D-rings on the belt after pulling the lanyard around a chosen attachment point.
- (5) Adapt the length by using the length adjustment buckle to assure safe working.
- (6) Chose the working position accurately to avoid any risks to fall.



WARNING

The lanyard should be positioned in such a way that the anchorage point according to EN 795 is maintained at or above waist level; the lanyard should be kept taut and free movement is restricted to a maximum of 0,6 m.

Local regulations can require different measures, therefore local regulations that are relevant for your work environment should be considered.

GB

Anchor Strap (According to EN 795 B for 1 Person)**WARNING**

Anchor devices according to EN 795 B are not allowed to be used in fall arrest systems without energy absorbers according to EN 355. Connected carabiners must comply with EN 362.

- (1) Lead the lanyard around a chosen anchorage object according to EN 795.
- (2) Close the loop by connecting the carabiner to both ends of the lanyard.
- (3) Adapt the length by using the length adjustment buckle to assure safe working. The adjustment buckle hereby must hang freely without pressure from the anchorage object. The carabiner serves as an attachment point.
- (4) Chose the working position accurately to avoid any risks to fall.



Anchor points for securing must be chosen according to EN 795. They must be as vertical as possible above the person to be secured. Sharp edges, ridges and pinches may affect the strength and should be covered by appropriate means.

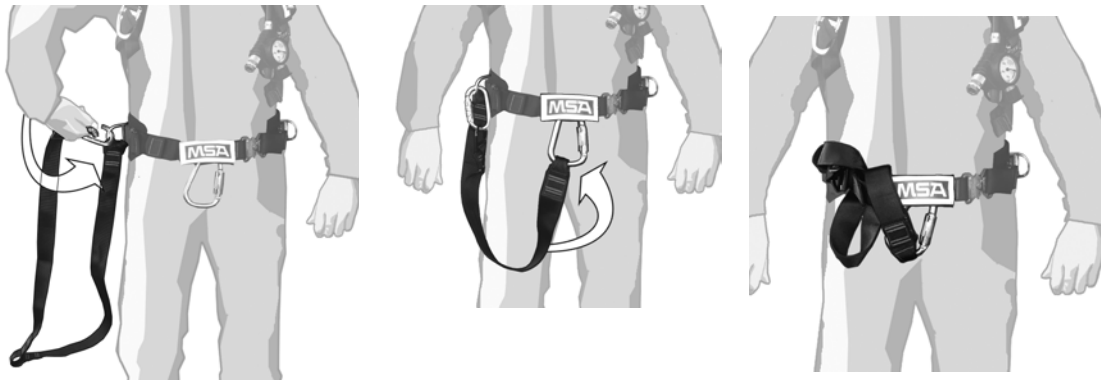
Storing the Lanyard after Use

Fig. 9 Storing the lanyard

After pulling the lanyard out of the back pouch it is recommended to store it away to avoid the risk of getting caught. One example of storing is the following:

- (1) Hook the carabiner into the same D-ring where its other end is connected to.
- (2) Lead the carabiner to the opposite D-ring and connect each other.
- (3) Store all the loose parts under the belt.

Rescue loops according to EN 1498:2006

The rescue loop function must only be used together with a rescue system and only by persons trained on these types of rescue operations.

It has to be ensured that the rescued person will not be endangered by shifting of the rescue loop.

**WARNING**

The rescue with rescue loops can cause a suspension trauma or impaired breathing and blood circulation, especially with class A and C.. Therefore these types of rescue loops must only be used in emergency and must be done as short as possible. The rescue loop must not be used with unconscious persons. In addition the rescue loop class C also must not be used for a person that is injured on the head. The rescue loop class A must not be used for self rappelling.

**WARNING**

The rescuer should ensure that the rescue is not endangered by the displacement of straps of the rescue loop or contact with attachment elements, for example a connector striking the head of the rescued person during an unintended incident such as a short fall.

Rescue loop class A

Fig. 10 Rescue loop class A

- (1) Place the lanyard under the axels and connect the lanyard carabiner with the end loops of the lanyard.
- (2) Attach the resulting rescue loop as close as possible and not twisted to the body to avoid injuries.
 - ▷ Use the length adjustment buckle for adjusting.
- (3) Only load and use the carabiner at the chest as anchor point for rescue rappelling.

Rescue Seat / Rescue Loop class B – Only with alphaBELT Pro

- (1) Prepare belt like described in point manual in the point “Preparing the Belt System for Use”.
- (2) Pull the lanyard completely out of the back pouch of the belt and position the front pocket with the webbing loop in the middle of the body.



While rescuing it is recommended that the middle carabiner is positioned more upwards in direction of the shoulders. All harness straps and especially the shoulder straps should be pulled tight to the body. Therefore loosen the waist belt to allow the system to move upwards while pulling the shoulder straps very tight, and then tightening the waist belt again.



The length adjustment buckle of the lanyard must be adjusted to the longest position. Therefore the buckle must be positioned close to the D-ring. Only then the middle loop is in the middle of the rescue loop and both sides of the triangle structure have the same length to offer a well-balanced rescue seat.

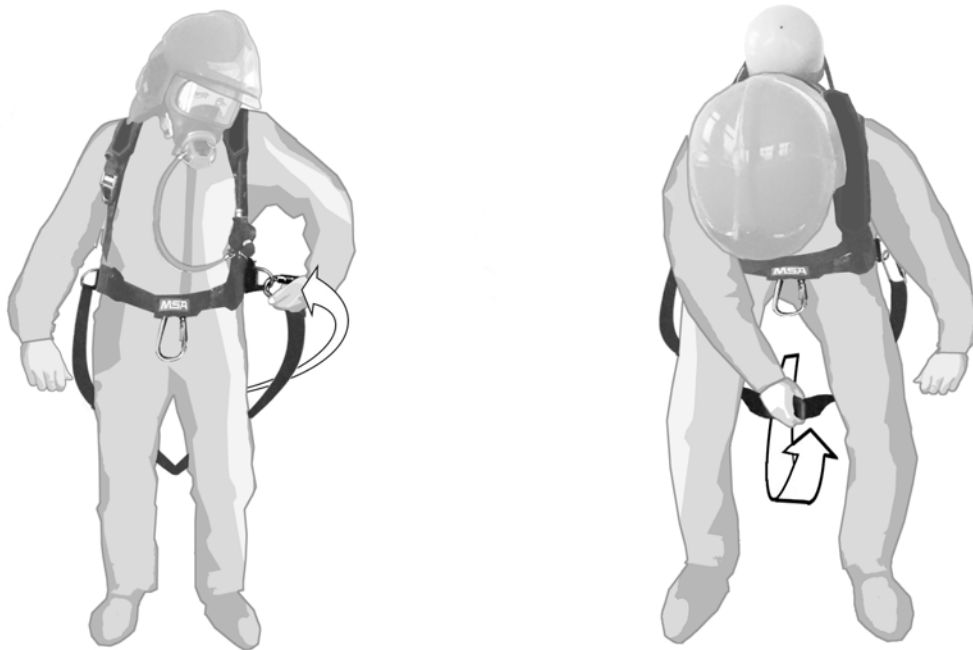


Fig. 11 Rescue seat/rescue loop class B

- (3) Connect a second carabiner according to EN 362:2004 (for example of a rescue system according to EN 341 class D) to the webbing loop in the front pouch of the belt.
- (4) Connect the end loop of the lanyard to one D-ring like described in part “Preparing the *alphaBELT* System for Use”.
 - ▷ Lead the lanyard behind the legs to connect the carabiner with the opposite D-ring.
- (5) Grab the middle loop of the lanyard between the legs from the front side and pull the lanyard upwards to the front pouch area.



Fig. 12 Connecting the red color stitched loop

- (6) Connect the red color stitched loop with the second carabiner which is also connected with the front webbing loop to form the rescue loop.
- ▷ To avoid injuries do not twist the lanyard.



Fig. 13 Use the rescue seat/rescue loop class B

- (7) Only use the second carabiner at the front of the red stitched loops to load and as an anchor point for rescue rappelling.

Rescue Loop Class C



Fig. 14 Rescue loop class C

The rescue loop of class C is constructed that during the rescue operation, the rescued person is transported with the head down and the belts is closely wrapped around the ankle.

- (1) Connect the carabiner from the lanyard to the end loop of the lanyard to form a closed rescue loop.
- (2) Lay the closed loop around the ankles, so that the long flat side of the lanyard contacts the back of the ankles and the carabiner is in front.
- (3) Pull the lanyard which is running around the ankles upwards between the ankles.
- (4) Pull the carabiner from bottom to top through the resulting loop in front of the feet and pull the loop tight away from the body. The loop then winds close and surrounds both ankles.
- (5) Only load and use this carabiner as the anchor point for rescue rappelling.

4 Maintenance and Cleaning

4.1 Regular Checks



Danger!

If the *alphaBELT Pro* or *alphaBELT Basic* has been placed under strain by a rappelling or fall or has been damaged by other influences (for example high temperatures, flames, chemical or mechanical influences, like sharp edges, abrasion, cuts or ultraviolet radiation, etc.), it must be taken out of use immediately. If there is even the slightest doubt, the product must be taken out of use or must not be used again until a knowledgeable person has given written approval to do so after conducting a test.

Before and after every use the equipment has to be checked for damage (for example abrasion, cuts, tears, etc.). The product identification has to be legible.

In addition, if the equipment is used in work safety in accordance with the mentioned standards, it must be checked at least every 12 months by a knowledgeable person and must be replaced if necessary. Therefore all parts of the manual of this product or other corresponding documents handed out by the manufacturer needs to be taken into account. Records of this test must be kept (for documentation of equipment, see accompanying check sheet).

This test must include:

- Checking general condition: age, completeness, dirt, correct composition.
- Checking label: whether present and legible (CE mark, date of manufacture, serial number, EN standard, manufacturer, product name).
- Checking all individual parts for mechanical damage such as, but not limited to: cuts, tears, notches, abrasion, deformation, formation of ribs, kinks, crushes, etc.
- Checking all individual parts for thermal or chemical damage (melting, hardening, discoloration, etc).
- Checking all metal parts for corrosion and deformation.
- Checking condition and completeness of the end connections: seams (no abraded seam yarn etc.), splices, knots (no slipping apart, loosening, etc.).
- Checking locking buckles to ensure they function properly (proper locking etc.).
- If available checking the heat indicator in the front pouch for any color change.

4.2 Cleaning

- (1) To clean use lukewarm water (up to max. 30 °C) and mild pH-neutral detergent MSA has tested and recommends TURBO USONA from the manufacturer Ecolab.
- (2) Rinse the equipment with clear water (up to max. 30 °C).
- (3) Dry before storing.
 - ▷ The harness must be dried by natural means, not exposed to direct sunlight and not close to a fire or other sources of heat.



WARNING

Correct cleaning and drying must be followed to avoid reduction of safety.

4.3 Disinfection

Only substances that will not have any effect on the synthetic materials in the product may be used for disinfection.

4.4 Maintenance

Repairs and changes to the product must only be made by the manufacturer.

Lifespan

With seldom use, the lifespan may be up to 10 years. Intensive use will reduce lifespan considerably. The critical factor in determining service life is only the condition of the product at the time the check is performed in compliance with the defined criteria for testing and/or rejecting the product. Plastic or textile products must generally be taken out of use 10 years after the date of manufacture. Damaged products or products that have undergone strain must be removed from use immediately. It is not possible to make any general statement about the service life of the product since it depends on different factors such as:

- Storage conditions
- UV radiation
- Intensity and frequency of use
- Care
- Effects of weather such as temperature, moisture, snow; environment with salt, sand, chemicals, etc.

This list is not complete, other means of damage can apply.

The service life may be reduced under unusual circumstances to a single use or the equipment may even become unusable before the first time it is used (for example damage during transport).

5 Transport and Storage

The straps of the products are mainly made of Polyester (PES) and partially Polyamide (PA). The heat load must therefore never exceed 100 °C.

5.1 Transport

Suitable packaging has to be used for transport (providing protection against dirt, moisture, chemicals, UV radiation, mechanical damage, etc.)

5.2 Storage

Storage conditions:

- Dry and clean
- At room temperature
- Protected from light (UV radiation, welding devices, etc.)
- Away from chemicals (acids, bases, liquids, vapours, gases, etc.) and other aggressive conditions
- Protected from objects with sharp edges

6 Certification

Approvals

An belt system mounted to a MSA AirGo or AirMaXX breathing apparatus complies with the following standards:

alphaBELT Basic

EN 137:2007, Class 2:	Compressed Air Breathing Apparatus for Fire Service use
EN 358:1999	Operating temperature of belt system: -40 °C to +100 °C
ATEX	Work positioning and restraint belts
	II 3G IIB
	II 3D

alphaBELT Pro

EN 137:2007, Class 2:	Compressed Air Breathing Apparatus for Fire Service use
EN 358:1999	Operating temperature of belt system: -40 °C to +100 °C
EN 1498:2006, class B	Work positioning and restraint belts
	Rescue loop class B only in combination with
	<i>alphaBELT Lanyard</i>
ATEX	II 3G IIB
	II 3D

alphaBELT Lanyard

EN 137:2007, Class 2:	Compressed Air Breathing Apparatus for Fire Service use
EN 358:1999	Operating temperature of belt system: -40 °C to +100 °C
EN 1498:2006, class A, C	Work positioning and restraint belts and connecting lanyard for
EN 795:1996 B (1 Person)	restraint belts
ATEX	Rescue loop class A and C
	Anchor strap
	II 3G IIB
	II 3D

GB



WARNING

If breathing apparatus is used in combination with the belt system, this combination no longer complies with the approval as per ATEX II 3G IIB, II 3D, which is specified on the back plate of the breathing apparatus.

7 Ordering Information

10151246	<i>alphaBELT Pro</i> , Positioning and Rescue belt
10151241	<i>alphaBELT Basic</i> , Positioning belt w/o lanyard
10151242	<i>alphaBELT Lanyard</i>
10151249	Small connector loop for SCBA belts, 2x
10151248-SP	Adapter quick release buckle to SCBA, 2x
10127669	Carabiner, 3600 LB gate, triple lock

GB

For further local MSA contacts please go to our web site www.MSAafety.com.