



TAMOS SIT HARNESS

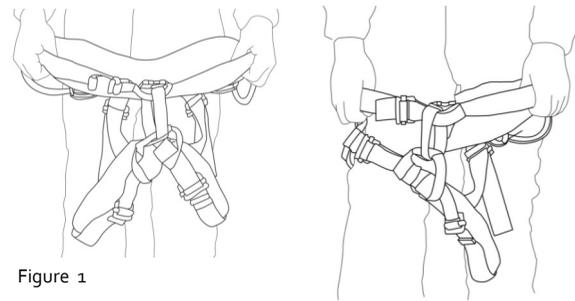


Figure 1

Step into the harness.

Figure 2

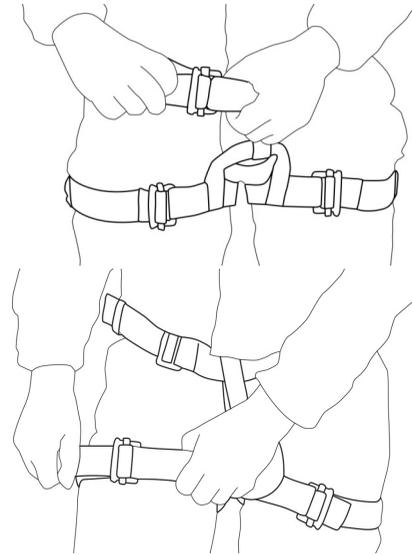


Figure 3

Tighten belt and leg loops

Figure 4

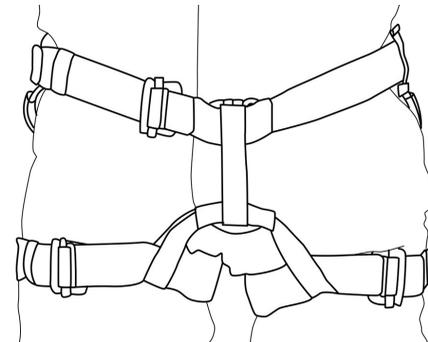


Figure 5

Sit harness with ventral attachment point.
Nom Load 125kg, not for fall arrest!



Figure 6

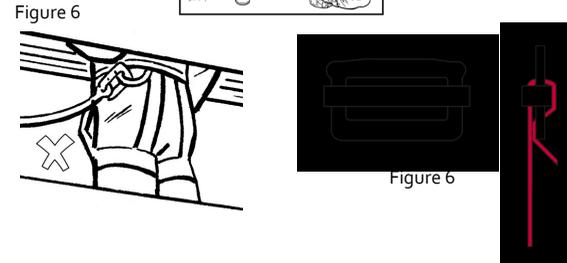


Figure 6



Warning

Working and playing at height and all forms of activity conducted at height are dangerous and can lead to serious injury or death.

For safety reasons it is vital that personnel who intend to use personal protective equipment (PPE) and other equipment to control the potential fall related risks associated with access, climbing, and working at height are aware of how to use that equipment properly. It is essential that personnel are trained, assessed as competent and are given written instructions which enables them to select, use, maintain and carry out periodic examinations on PPE or other equipment correctly, and to be aware of the limitations, precautions and the dangers of misuse.

The information provided in this manual contains important information which should be understood before the item is used. The information must be provided to the customer by the retailer in the language of the country this product is sold.

It should be understood that working at height and the use of equipment to do so, involves a certain amount of physical and mental exertion. Certain medical conditions are a definite contra-indication to the safe use of the equipment and working at height.

Improper use of equipment can result in serious injury or death. It is the responsibility of the user to obtain proper training and be competent towards the use and safety prior to any activity at height and use of this product.

A risk evaluation and a quick response rescue plan should be in place prior to any activities at height to deal with any emergencies that could arise during the work. Relying upon a local emergency rescue team is not a rescue plan and could get you in severe trouble as they might not be capable or take too long to perform a rescue.

Do not work alone!

Do not make any alternations or additions to the product. Any repair or alterations should be done by the manufacturer.

The product has been tested for specific use, do not use the product other than indicated without the consent of the manufacturer.

Before using the harness, the user should carry out a suspension test in a safe place to ensure that the harness is the correct size, has sufficient adjustment and is of an acceptable comfort level for the intended use.

During use it is important to regularly check any buckles or adjusting devices.

PPE stands for Personal Protective Equipment and in case of this product this means it should be provided to an individual user. It should be properly fit tested to ensure a proper fit.

Strengths quoted are when the product is tested new and are in accordance with the manufacturers test methods or to the appropriate standard. Any weights and measurements are approximate.

We have done everything possible to ensure that the information provided in this manual is accurate at the time of publication. However, we do not guarantee that this information will remain up to date, as many products and techniques change over time.

When work positioning or other related activities such as rope access: never rely on a single piece of equipment always make sure you have an equal redundant back-up system.

If you have doubts or difficulty understanding anything in this manual, please contact us.

Donning of the harness, see figure 1 to 5

First identify all the parts and lay it out.
Step 1 – step in the leg loops and pull up the belt. Like putting on your pants.
Step 2 – tighten the belt strap by pulling them away from the body.
Step 3 – tighten the leg straps until they fit snug.
Make sure that there is at least 5 cm – 2 inch of webbing past the buckle to allow for passing through the buckle during a major fall.
For proper fitting of the webbing through the buckle take a look at Figure 6.

Tool loops on the harness - are made of webbing and sewn onto the padding of the harness, they are not structural and therefore can not be used as attachment points. They can only be used for carrying tools up to 10kg in total of all tools combined.

The Tamos sit harness is build with nylon webbing.



Personal protective equipment against falls from a height.
General requirements for instructions for use, maintenance, periodic examination, repair, marking and packaging as per EN 365:2004

General information about working at height

Fall Factor

A Fall Factor is an expression of the seriousness / severity of a fall!

The Fall Factor is calculated based on how much distance can be fallen divided by the length of rope or lanyard used in a system, whereby a fall factor 2 is dangerous!

When using our Tamos Harness minimise the potential shock load by keeping your fall factor low and slack to a minimum.

The Tamos harness has a Belay Loop for descending and for work restraint. This attachment is not meant for fall arrest.

Never rely on a single system always use a back-up system!

Falling - It should be clear that falling should be avoided at all times. Where Fall Arrest Systems are to be used make sure you understand the system so that the work carried out is done in a way to minimise any potential fall. Keep anchor points above the user, use only a full body harness with a Dorsal D-ring as an attachment and make sure you have the fall clearance.

It is also important to avoid any pendulum effect during a fall as a side-ward fall is unpredictable. Your lanyard or lifeline might be cut on the edge (which always has to be taken in consideration but with a pendulum effect a lanyard or lifeline gets cut quicker and easier than any other time and you might fall against something without protection.

OUR ADVICE: DO NOT FALL!

Performance - The performance of this product may be effected by the age, wear, tear, abrasion, cuts, high impact loads, pendulum falls, tight/sharp edges, very high or low temperatures, knots, some chemicals (e.g. alkalis, oils, cleaning products, etc.), electrical conductivity, UV or failure to store and maintain as recommended.

If the harness has been through a severe fall it should not be used again until you receive a letter from a competent inspector it is good to go again.

This list is not exhaustive.

Compatibility - Make sure that each item in an assembly can be used together and work as a system. Compatibility needs to be checked prior to use. Check individual manuals for each item and see if they can be used together.

Anchoring - Any fall arrest anchorage used should be able to withstand a force of 22kN when not certified or withstand at least two times the Maximum Arrest Force.

Ideally the user should be attached to the anchor with a fall factor 1 or less. See Figure 4.

For work positioning, restraint and rescue we advise the anchor at least hold 10kN of force for every person/device attached to it. (Load sharing is an option)

When connecting to an anchor device or structure use a suitable form of connector complying with EN 362, either with a shock absorbers, complying with EN 355, a lanyard, complying with EN 354 or sling and carabiners depending on the situation you are in. Follow the standard EN 795 for anchoring. Within EN 795 there 5 classes:

Class A1 – is for fixed installation of structural anchors designed to be secured to vertical, horizontal and inclined surfaces.

Class A2 – is for fixed structural anchors secured to an inclined roof.

Class B – is about transportable temporary anchor devices.

Class C – is about anchor devices employing horizontal flexible anchor lines.

Class D – is for anchor devices employing horizontal rigid anchor rails.

Class E – is about deadweight anchors.

Any anchor must be checked and if needed tested with a pull test to verify the structural integrity of the structure.

Maintenance & Cleaning - Always keep the product clean and dry. Any excess moisture should be removed with a clean, dry cloth and then allowed to dry naturally in a warm room away from direct heat. Rinse in clean cold water. If still soiled wash in clean warm water (max. 40° C) with a soft detergent (within pH range of 5.5 to 8.5). You can use a front loading washing machine but first place the product in a washing bag to protect against mechanical damage. Rinse properly in clean cold water and if needed to disinfect use a solution of water with alcohol. Do not use bleach!

Lubrication - When lubrication is needed a silicon based spray can be used. Do not excessively spray the lubricant over the buckle or gate. Wipe off any excess and protect any webbing or rope from being sprayed.

Transportation - For transportation use a container or bag that allows the product to breath and the gear to be protected.

Storage - After cleaning, store unpacked in a cool, dry, and dark place away from direct sunlight, as UV will cause damage to the webbing over time, excessive heat sources, sharp edges, vibration or other possible causes of damage. Do not store when wet or in a damp area >70%. If a long shelf life is required it is advisable to store in a moisture proof package, like a polyethylene bag.

Use in extreme environment - Use of any PPE in extreme environments can be dangerous. It is important to do appropriate testing before the use of our products in environments such as extreme cold or high temperatures (working temperatures are -30 degrees up to 60 degree Celsius) chemicals, dust, sand and other foreign materials should be avoided where possible, if you have any questions contact us and we can help you determine the effects. Electrical conductivity is another serious subject that should not be taken lightly. Your harness has metal components and should not be used close to high power lines or switch gear.

Lifespan - This is difficult to estimate but we advise as follows: Do not use more than ten years. Assuming you have used the correct storage, the working life can vary from a ten year span to a single use in extreme circumstances (e.g. highly chemical environment, serious fall). UV light including sunlight will reduce the working life significantly.

Inspection - An examination should be carried out by a competent person. A competent person is someone who is knowledgeable of the current periodic examination requirements, recommendations and instructions issued by the manufacturer applicable to the relevant component, subsystem or system. Training might be essential and can be provided by us when needed.

An examination should be carried out before the product is put into service and at least every 12 months. It might be that a more regular inspection interval needs to be put in place due to the environment in which the product is used.

These inspections are to be recorded and are to be done to ensure the continued efficiency and durability of the equipment.

Before each use visually inspect to ensure the product is in serviceable condition and operates correctly. If any compromises are found do not use the product and retire it.

When carrying out an inspection pay attention to the next items:

Check the label / marking (visible, age)

Check webbing (cuts, burns, wear, chemical marks, other damage)

Check stitching (cut, worn, coloured or disordered threads)

Check attachment points (deformation, cracks, wear, corrosion, marks)

Check buckles (deformation, cracks, wear, corrosion, marks)

Check condition of protective components

Check adjustments

It is essential for safety that equipment is withdrawn from use immediately should:

Any doubt arise about its condition for safe use or;

Any product subjected to a major fall.

Markings and/or symbols

On our label you will find:

Product name and size

DOM (date of Manufacture) in year and month

Serial # - Individual serial # or batch # [360st product]

CE mark, which stands for "Conformité Européenne" ("European Conformity").

EN 1277 Type C the European standard to which the product is certified.

Warranty - Equipment offered by MAXGEAR are warranted against factory defects in workmanship and materials for a period of one year, provided that this period shall not exceed one year from the date of shipment. Upon notice in writing, MAXGEAR will promptly repair or replace all defective items. MAXGEAR reserves the right to elect to have any defective item returned to its plant for inspection before making a repair or replacement. This warranty does not cover equipment damages resulting from abuse, damage in transit, or other damage beyond the control of MAXGEAR. This warranty applies only to the original purchaser and is only one of applicable to our products, and is lieu of all other warranties, expressed or implied.

Certification body & chapter 11B control

SATRA Identification number: 0321

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Date:	September 2014
Document:	MAXGEAR TAMOS Harness manual