

# STEIN®

**VEGA**  
INSPIRED TO EXPLORE  
MADE IN AUSTRIA



Product Identification  
**VEGA - STANDARD**  
**SS-5H00\*1**



Product Identification  
**VEGA - PLUS**  
**SS-5H05\*1**

Please read these instructions thoroughly before using this product

Instructions for use for the **STEIN VEGA** Work Positioning / Sit Harness complying with the requirements of the relevant CE EN & ANSI Standards.

**Read these instructions carefully before use**

Thank you for choosing and purchasing the **STEIN Vega Harness**. This harness has been manufactured and checked with a great deal of care and has been manufactured under a rigorous quality system. Please keep these instructions safe so you can refer to them in case of problems. It is extremely important you take a few minutes to complete the Examination Record on the last page carefully, this is your proof that this product has been inspected regularly.



Failure to follow these instructions may endanger life, before use, a detailed risk assessment must be carried out by a competent person to establish that this is the correct product suitable for the type of work being undertaken, taking into account anchor points, potential fall distance, obstructions, rescue system, etc.

Purchasers and users should seek professional training from a fully qualified and competent instructor prior to engaging in any activity using this equipment. If you are not able, or not in a position to assume this responsibility, do not use this product. The manufacturer its distributors and retailers do not accept any liability if users do not follow the instructions correctly. Only the techniques shown in the diagrams are authorised. Any other use deviating from those shown may result in serious injury or death. Prior to each use a complete risk assessment must be carried out to ascertain that the device chosen configures with and is appropriate to the work being undertaken.

**Description / Application**

The **STEIN VEGA** work positioning harness is designed and intended for use by fully trained Arborists for undertaking aerial work in trees. Do not use it for any other purpose than what it was intended for or outside the products limitations. It is to be used as part of a work positioning system and should be used in conjunction with approved and certified climbing products / techniques. The maximum rated load when fully assembled in accordance with these instructions is 100kg or a single user. This harness should never be used as a Fall Arrester or as part of a Fall Arrest System.

**General Guidance**

1. Users are warned that certain medical conditions such as heart disease, high blood pressure, vertigo, epilepsy, drug or alcohol dependence, could affect the safety of the user in normal and emergency use.
2. This equipment must only be used by suitably trained personnel who are competent in its safe use.
3. Ensure before use that there is a suitable rescue plan to enable the retrieval of the user to a place of safety in the event of a fall or injury
4. Any repair or modification to the product must be carried out to the manufacturers standard.
5. This product is recommended for personal issue.
6. Ensure that any connectors used with this equipment are suitably P.P.E compliant and compatible with this product.
7. Also be aware of any possible dangers, which may arise through use of combinations of items of equipment in which the safe function of any one item is affected by or interferes with the safe function of another.
8. Before use, the user must be competent to carry out a pre-use check (see section on inspection)
9. It is essential for safety that the equipment is withdrawn from use immediately should:
  - any doubt arise about its condition for safe use or if the equipment shows excessive wear or damage or
  - if it has been used to arrest a fall
10. Ensure that all anchor points and devices used are compatible with this equipment.
11. The anchor point should be located directly above the workers position.
12. A full body harness combined with a shock absorb system is the only acceptable device that may be used to arrest a fall from height.
13. Dynamic loading or shock loading constitutes excessive wear and voids normal working loads. Retire from use immediately should this occur.
14. The harness is suitable for use in normal atmospheric conditions (-10°C to +40°C).
15. To prolong the life of the product it is essential to keep the product clean and away for dirt. Avoid impact, sharp edges or abrasive surfaces, contact with chemicals including strong acids, alkalis, oils and fuels, heat, flame and/or sparks and UV exposure.
16. Once used this product should never be re-sold to another party

**Declaration of Conformity**

**Manufacturer**




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**Ursula Haberkorn - Manager**

Freistadt, 12/03/2012

The manufacturer hereby declares that the new PPE, described as follows, corresponds with the regulations of the PPE safety requirements (CE-guideline 89/686/CEE from 21.12.1989) and that the following EN/ ÖNORMS have been applied

**STEIN WORK / SIT CLIMBING HARNESS**

ÖNORM EN 358 for work positioning belts  
 ÖNORM EN 813 for sit harnesses  
 ÖNORM EN 364 for test methods  
 ANSI A10.14-1991

and is identical with the PPE, which was subject to the type certificate issued by the authorized test institution

**SICHERHEITSTECHNISCHE**

PRÜFSTELLE der AUVA, 1200 Wien, Adalbert Stifter Str. 65  
 no. BMB 2012-3537 for **STEIN WORK / SIT CLIMBING HARNESS**

and is subject to the quality assurance system monitored according to article 15 and 16 of PPE-SR under control of the authorised test Institution

TÜV Österreich, 1015 Wien, Krugerstr. 16, (identification no. 0408)

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The **STEIN VEGA** Harness is  
 manufactured by  
 A. Haberkorn & Co GmbH  
 exclusively for



## Identification of Parts



It is important that you can identify each part of your harness

- 1 Back Support Pad
- 2 Side D Rings
- 3 Waist Band & Buckle
- 4 Bridge with Ring
- 5 "Conecto" Rings
- 6 Leg Loop Buckles
- 7 Leg Loops
- 8 Karabiner Point
- 9 Gear Loop Webbing
- 10 Pouch Attachment
- 11 Identification Label  
*(Located behind the webbing)*

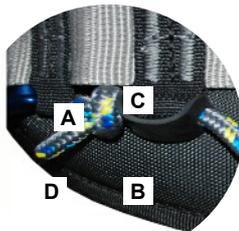


## Product Identification & Markings

Located behind the webbing (11) is the harnesses identification label which contains the harnesses details. This label carries the Individual Serial Number, Relevant Approved Standards, Harness Size, and Production Date.

## Gear Loops

The **STEIN VEGA** harness allows the user to define their own gear loop sizes and positions. **Only GENUINE STEIN Cord should be used.** These loops should never be used for Life Support.



Tie a stopper knot in one end of the cord [A] thread a protection rubber [B] onto the cord. Pass the cord through the webbing loop [C] and the opposite end of the protection rubber. Repeat this process. Finally tie a stopper knot in the end of the cord. Ensure the stopper knots are tight/secure and at-least a minimum of 20mm of cord [D] is visible beyond the knot termination



Max 10kg



Max 10kg



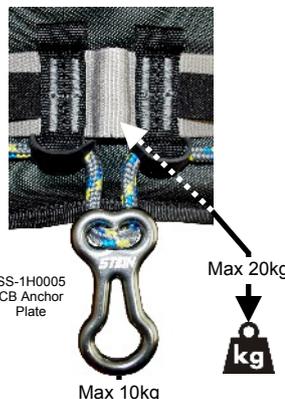
Max 10kg



Max 10kg

**DO NOT EXCEED THE MAXIMUM LOAD RATING FOR GEAR LOOPS.**

Replacement Gear Cord and Protection Rubbers are available from your STEIN Retailer



Max 20kg

Max 10kg



Max 10kg

## Inspection

The manufacturer recommends that a visual and tactile inspection of the harness and its components is carried out by a competent person before and between uses and following any incident that may compromise the construction of the harness or its component parts. Check for any signs of damage or wear to both mechanical and textile components including stitching. If damage or wear is found during inspection the harness should be immediately retired from use pending repair or full retirement.

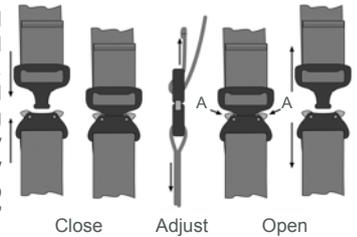
## Size & Fitting

Model	Waist Size
Size 1	77cm - 105cm
Size 2	87cm - 115cm
Size 3	95cm - 125cm

For user safety it is imperative to select the correct size of harness. Side attachment points (Dees) should ideally position just forward of the ASIS on the Hip Bone. Whilst testing the harness the users should select a suitable anchor point and using the forward attachment points (bridge ring) load the harness in both work position and suspension stances to ensure correct fit and support can be achieved. Side attachment points (Dees) on harnesses are designed for support and should not be used for unassisted suspension. These can be tested by attaching a suitable anchor to either side attachment points (Dee) and leaning back in to the harness from a standing position.

## Buckle Connectors

There are 3 buckle connectors fitted to the harness, one on the waist band and one on each of the leg loops. These must be fastened and adjusted to fit the user prior to climbing / loading the harness. Ensure they are securely clipped together and adjusted by pulling on the loose tab end. To release the buckles press points "A" together simultaneously.



Close Adjust Open

## Replacing Bridge & Sliding Ring

The STEIN Vega Harness has the ability to allow for the replacement of the Bridge and the addition of extra Rings on the Bridge. The Bridge is connected to the harness using the Edelrid "Conecto" rings. **This operation should only be carried out by a competent person in line with the manufacturer's guidelines or alternatively returned to the manufacturer to be carried out for a chargeable fee.** In order to remove and replace the Bridge and also to thread an additional ring onto the Bridge, it is necessary to open the "Conecto" rings, this requires strict adherence to the following instructions and those of Edelrid. Prior to carrying out this operation you will need the following items:

- 6mm Torque Wrench
  - 6mm Allen Wrench
  - Replacement Lock Nuts & Allen Screws for the "Conecto" Ring
  - Thread Lock (either Loctite 262 or Loctite 2701)
1. Open the "Conecto" Rings using a 6mm Allen Wrench to remove the Allen Screws.
  2. Once apart discard the used Lock Nuts and Screws.
  3. Add or replace the Bridge or Ring as required. Take care that the leg loops and the waist belt are re-located in the correct position.
  4. Cover the thread of the new Allen Screw with thread lock glue (either Loctite 262 or 2701) and tighten into the new Lock Nuts with a Torque Wrench to 6 Nm. Ensure the Lock Nuts are seated correctly into the "Conecto" Ring
  5. Allow the Thread Lock time to set and cure as recommended by the manufacturer before using the harness.
  6. **Record this maintenance on your Inspection Sheet.**

### Only use GENUINE replacement parts

Description	Part Number
25cm Replacement Bridge	SS-5H1025
30cm Replacement Bridge	SS-5H1030
35cm Replacement Bridge	SS-5H1035
Edelrid "Conecto" Ring (single)	SS-1H0006
CB Anchor	SS-1H0005

