

STEIN



LD750 Invert-A-Wrap

Please read this document carefully, it gives instructions for the correct use of this product

WARNING

Activities using this type of equipment are inherently dangerous. It is not possible to cover every eventuality relating to the use of this equipment. Purchasers and users of this device should seek professional training from a fully qualified and competent instructor prior to engaging in any activity. 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. The device chosen must also be compatible with all the other components within the system.

Users must always ensure that all components of the work system are suitable for the foreseeable loadings that may be applied during use. Poor technique and shock loading may cause catastrophic failure of this equipment and should be avoided. Where a failure of the product may occur a suitable backup system must be installed and used. All components of the system used with the device must be inspected before and after each lowering/lifting operation. Retire the device from use if there are any tactile or visual signs of wear or damage. The retention devices must also be inspected & checked for both tension and wear after each lowering or lifting operation to ensure they are securely attached to the device and the mounting point.

The Lowering Device should only ever be used with the correct diameter of rope, You must never exceed the recommended maximum diameters. Each device has a Working Load Limit (WLL) – This is the maximum load allowed to be applied to the device either for lifting or lowering above which catastrophic failure will occur. These values are based on a vertical load being applied and used as specified within these instructions.

| Model | Maximum Rope Diameter | Working Load Limit (WLL) |
|-------|-----------------------|--------------------------|
| LD750 | 13mm | 750kg |

This device has been issued with a Working Load Limit (WLL) it is your responsibility to ensure that all the components used in conjunction with the device are matched equally with their Working Load Limit (WLL) or Safety Factor (SF) or Safe Working Load (SWL). If you are unsure on a products individual specifications you should contact the manufacturer. You should never exceed the lowest rated section or component within a rigging system. When calculating any rigging system the strength of the anchor and attachment points must also be taken into account. The Working Load Limit is based on using a sufficiently rated Anchor Sling

- This device must never be used for lifting or lowering people. They are not intended or rated for use as Personal Protective Equipment. (PPE)
- Always keep body parts, loose clothing, and debris away from the device when in use.
- Always use appropriate hand protection when operating the device.
- When holding the working line NEVER wrap the line around your hands or other body parts. Always ensure it can run freely in case you need to release the line in an emergency.
- Do not stand or allow others to stand directly under the load being lowered or under the work being performed above. Ensure users and other persons are working and operating the device from a safe distance.
- Any potential shock loading must always be kept to an absolute minimum when using the device as with all rigging equipment.
- All connecting devices or components must be retired from use if they are subjected to impact loading.
- To avoid damage to the device you must minimise all if any free fall distance.
- Always maintain control of any lowered load.
- Products covered under these instructions should never be resold or used by a third party after it has been used by the original purchaser.
- The manufacturer recommends this product should be inspected prior to use along with periodically independent inspection in line with UK LOLER 1998.

As part of any method statement we recommend that all

users of this equipment must be given a copy of these instructions. They must read them, understand them and explicitly follow all instructions and cautions attached.

Any person using this equipment should be fully trained and competent in its use before carrying out any rigging operations.

Manufacturer Details

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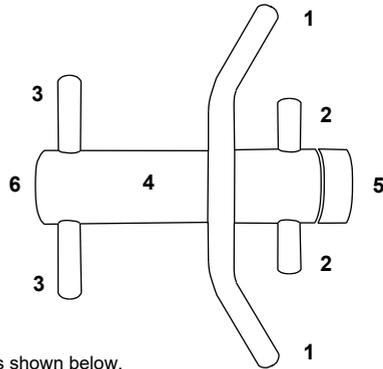
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The manufacturer reserve the right to change specifications or modify these instructions without prior notification. E & O E

Product Identification and Markings

- 1 Anchor Point
- 2 Rear Fairlead
- 3 Front Fairlead
- 4 Bollard
- 5 Removable Preservation Rubber
- 6 Identification Label



Each Device is fitted with a Product Identification label as shown below.



| | | |
|---|---------------------------------|--|
| 1 | <i>Product Model Number</i> | LD750 |
| 2 | <i>Trademark</i> | STEIN |
| 3 | <i>Model Name</i> | INVERT-A-WRAP |
| 4 | <i>Maximum Diameter Rope</i> | This device is limited to rope with a maximum diameter of 13mm |
| 5 | <i>Working Load Limit</i> | 750kg WLL |
| 6 | <i>Warning</i> | Read User Instructions Prior To Use |
| 7 | <i>Individual Serial Number</i> | Serial Number 0000000 |

Product Life

If the product shows tactile or visual signs of wear, chemical contact, abrasion, or crushing it should be retired from use immediately. By misuse it is possible to destroy this product during its first use. These times are for guidance purposes only.

Daily Use: 12 months / Weekly Use: max 2-years / Occasional Use: max 5-years

The total maximum life of this product (storage before use + lifetime in use) is limited to 10 years. In good storage conditions this product may be kept for as many as 5 years before the first use without affecting its future duration in use. The working life depends on the frequency and type of use.

Preservation Rubber

The device is supplied with a tree preservation rubber attached which can be removed if not required or replaced. To remove the rubber hold the device firmly and turn the rubber anti-clockwise. It is recommended to apply a small amount of grease to the thread on a regular basis to make removal easy.



Device Mounting Instructions

ENSURE THE WORK AREA IS FREE & CLEAR OF ANY OBSTACLES AND A FULL RISK ASSESSMENTS HAS BEEN UNDERTAKEN BEFORE MOUNTING AND USING THE DEVICE

The Anchor Point takes the strain of the device during use. This should be secured using a sufficiently rated Sling connected directly to the anchor point. This must have a tactile and visual inspection for both tension and wear after each lowering/lifting operation to ensure it is securely attached to the device and the mounting point. Secure to the tree using a suitable hitch.



When selecting the best place to mount the device try to locate an area where there is little or no stem taper. If the tree is being removed it may be possible to achieve this by shaping the stem.

Routing The Working Line

The following instructions demonstrate the correct routing of the working line.



1. Once the device is securely mounted you can proceed to locate the working line.
2. Holding the device in one hand pass a loop of line through the top loop of the device. (1)
3. Pass the loop over the rear of the device ensuring the line is captured between the rear fair-leads and the anchor points. (2)
4. Apply a wrap. At this point you may wish to take slack out of the system. (3)
5. Bring the line forward applying wraps. The more wraps applied increased the friction required.
6. To lock off the line apply a series of half-hitch's on the front fair-leads. (4)

Never use alternative routing as this may result in serious injury or death.

Once you are in a position to commence lowering, stand well clear of the drop zone ensuring the working line will not be obstructed by the item being lowered. Where a load is being cut from above the rigging pivot point the operator should draw slack out of the system. This can be achieved by quickly pulling on the working line as the branch/log begins to fold and then release the working line as normal as the load passes the rigging point.

Inspection Record

The manufacturer recommends this product should be inspected prior to use along with periodically independent inspection in line with UK LOLER 1998.

| Serial Number | Date | Examination Notes | Name | signature |
|------------------------|------|-------------------|------|-----------|
| | | | | |
| Purchased from | | | | |
| | | | | |
| Purchase Date | | | | |
| | | | | |
| Date first used | | | | |
| | | | | |
| Comments | | | | |
| | | | | |