G. Tripod – GSE210

User Instruction Manual
(Original Instructions)
Issue 003. October 2019.

A transportable, temporary anchor device, for use with appropriate and tested fall arrest/retrieval devices.

EN795 Class B, PPE Anchor Device.

BS EN ISO 12100:2010

(EU) 2016/425

Globestock Limited, Mile Oak Industrial Estate, Maesbury Road, Oswestry, Shropshire, SY10 8GA UK
Notified body responsible for the EU type examination and module C2/D certification: ................................. 3

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SGS United Kingdom Ltd.
Unit 202B
Worle Parkway
Weston-Super-Mare
BS22 6WA
UK

Notified Body Number 0120
1. Important Notice

READ THE EQUIPMENT LABELS AND ‘USER INSTRUCTIONS’ BEFORE USING THIS PRODUCT.

BEFORE USING THIS EQUIPMENT IT IS ESSENTIAL THAT USERS ARE FULLY AWARE OF HOW THE EQUIPMENT OPERATES, WHERE IT SHOULD BE USED, WITH A PREDETERMINED ACTION PLAN FOR BOTH THE USE AND RECOVERY SHOULD AN EMERGENCY ARISE.

This product has been developed to enable the safe entry/exit of personnel into a confined space or to an area of restricted access. It is recommended for use in conjunction with the G-Winch and/or the G-Saver II fall arrest and retrieval devices. Third party devices are not recommended.

This can protect against potential falls occurring during use and provide a retrieval system for use in an emergency or an unforeseen occurrence.

This equipment is for use where other means of carrying out the work or routes of access are not practical.

Please observe the Maximum Working Load – which is identified on the identity plate - of the G.Tripod (136kg), and of all associated equipment. During use there must always be a second person present to supervise/operate the G.Tripod and associated equipment. Both the person entering the confined space and the equipment operator should be adequately trained.

This equipment is for single person use with an energy absorber to EN355.

This equipment shall not be used outside of its limitations, or for any purpose other than that for which it is intended.

It is prohibited to make any alterations or additions to this equipment without the prior, written consent of Globestock Ltd. Any necessary repair will be carried out by Globestock Ltd, or by an authorised Globestock Ltd service agent, in line with our procedures.

PRIOR TO USE:

A formal ‘Risk Assessment’ should be carried out, considering use and the emergency rescue procedure.

An emergency contingency plan must be in place to rescue the worker in the event of an emergency, before entering the confined space or area of restricted access to carry out work.

Users should be fully conversant with the operation of the equipment.

The ‘Before Use Checks’ should be performed (see section 4 – Inspection Before Use).

For all equipment being used, verify that the maximum working load is not Exceeded.
2. G.Tripod

The G-Tripod is a lightweight, transportable, aluminium tripod typically used during confined space access or down hole applications. It is suitable for use as a fall arrest anchorage device.

For Example: Used mounted over entrance hole, for personnel entering areas of restricted access or for confined space entry.

The tripod has an overhead pulley to guide and position a safety line or fall arrest device. Under the tripod head there is an attachment eye for connecting a range of accessories and fall arrest equipment.

The G.Tripod is transported in its folded configuration. The legs fold out and are locked into position with a locking pin. The tripod legs can be easily extended to accommodate a range of different working heights.

The G.Tripod is quick and easy to set-up ready for work. A range of fall protection and associated equipment can be attached to the tripod legs ready for use.

G.Tripod fitted with G-Saver II mounting bracket (available separately).
3. Considerations for use.

- Generally, the tripod feet should not be less than 30cm from the edge of the hole or opening used for access. For cases where the feet are nearer than this, steps should be taken to tether or restrain the feet from movement.

- It is advised to use the G.Tripod on stable, level ground. There are adjustments on the G.Tripods legs to allow for un-even ground or an incline, while keeping the Tripod head level. In instances such as these where there may be some doubt about stability, it is advisable to tether or securely restrain the feet of the tripod from movement. Do not stretch or pull the tripod legs from their natural positions.

- Do not Exceed the Maximum Working Load stated on the identification label of the G.Tripod. The label is located on the side of the head of the Tripod.

- Should any doubt arise about the safe condition of this device, or it has been used to arrest a fall, **DO NOT USE**.

- Return to Globestock or a Globestock authorised servicing agency for assessment, service and re-certification, before further use

- This equipment is intended for single person use. During confined space entry there must be a second person present at all times to operate the equipment.

- The Equipment operator should maintain communication at all times with the person entering/exiting the confined space.

- The G.Tripod and associated equipment may only be used by trained or otherwise competent persons.

- Personnel Protective Equipment should be worn when using this equipment. For example gloves, safety glasses, safety shoes, head protection etc.

- Wear safety gloves to protect your hands when inspecting or handling the wire rope.

- Ensure the person’s path of entry is free of obstructions.

- Attach the rope’s safety hook directly to the person’s body harness attachment point or the connection point on the carrier.

- Do not allow slack cable during use. This cable may tangle, foul, or hinder the safe retrieval of the user. It can cause ‘serious harm’ to the user in the event of a fall.

- Do not allow the rope safety line to pass over sharp edges, electrical items/cables.

- A clearly understood, predetermined action plan should be in place and implemented in the event of an emergency and before work can commence.

- Be aware of any medical condition that may affect the safety of the equipment user in normal and emergency use. If there is any doubt seek medical advice or do not use the equipment.
4. Inspection Before Use

Before using the G.Tripod, inspect as follows. This should be performed in a safe environment ideally away from the confined space access hole. Ensure that the equipment’s service period has not expired.

**Inspection**

- Check that all threaded fasteners on the tripod are present and secure.
- Visually check that the tripod is structurally sound, with no significant damage to the legs and feet, tripod head, pulleys and eye attachment points.
- Inspect the entire system for any signs of damage, wear or malfunction.
- Ensure that the locking pins function correctly and lock the legs into position.

5. Setup For Use

If in any doubt please contact either a specialist or Globestock Ltd for advice.

- The G.Tripod should be set up with both outer legs folded open. Automatic locking pins click into place. With the legs locked into place, set the tripod down onto its feet.

Where possible, the equipment should be setup in a safe area and then be moved into place by two or more people, so that it is ready for use. Perform a final visual inspection, and the equipment is ready to use. The final setup configuration should be such that the potential for falls are minimised and the height of any potential fall is kept to a minimum.

a. Attaching To The G.Tripod

- For assembly with rope based equipment, extract 3 metres of rope.
- The rope can then be fitted onto the tripod.
- Fall Arresters with a spring tensioned safety line, such as the G-Saver II, are best fitted to the tripods fixed leg. First the rope is fitted through the staggered restraint slot of the top pulley, down through the rope guide and the locking ring rotated to hold the rope in place.
- The G-Winch can fit to either side leg. With 3 metres of rope extracted, the rope is first fitted through a diverter pulley, which is attached to the anchorage point beneath the tripod head. Ensure the screw gate of the pulley connector is securely locked.
- Raise the G-Tripod to the required height. Take the first leg and extend it to the desired height setting. Repeat with the remaining legs. Fix the legs at the required lengths with the retained leg adjustment clip, passing the pin through the holes in the outer and inner leg tubes.
- Attach the G-Saver II to the upper fixed leg of the G.Tripod via the appropriate arrester bracket, as shown in figure 1 (page 8).
- With the G-Winch on the ground, unscrew the mounting bracket lever arms, so that the winch is ready to fit to the G.Tripod.
- Attaching the G-Winch to the G.Tripod is best performed by two people. Lift together, the G-Winch onto the top of the tripod leg.
• One person holds the winch in place, with the weight of the winch supported by the tripod leg. The other person fastens the brackets to hold the winch onto the leg.

• With the brackets loose, the winch is rotated around the leg so that it is on the underside, in line with the path of the rope and the pulley. Both brackets are then securely tightened.

• Both the ropes hanging at the centre of the tripod can be attached back to their respective devices, taking up slack wire rope.

• The Access System can then be visually inspected before moving into place over the access hole.

• Ensure all locking Levers and Hand Nuts are tight and secure.

• Check that the attachment to the G.Tripod of the G.Winch and/or the G.Saver II is compliant with the G.Winch and the G.Saver II manuals.
6. Inspection & Maintenance

Like all safety critical devices, the G-Tripod requires regular inspection and maintenance to ensure that the unit functions safely and correctly.

Repairs or servicing should never be carried out on site or in the field, and should only be completed by the manufacturer or a service agent approved by the manufacturer. Do not tamper with or modify the unit. Any alterations or additions to the equipment can only be carried out with the prior written consent of Globestock Ltd.

a. Periodic Examination (This satisfies the requirements of LOLER).

The G.Tripod should be periodically inspected by a competent person at least once in every 6 months, dependent upon the frequency of use, and the operating environment. The ‘Examination Record’ found on page 12 of this booklet, outlines the main examination criteria.

On passing this detailed inspection the record can be completed, signed off and the unit returned for use.

Any observed faults must be rectified by the manufacturer or an approved agent of the manufacturer. If necessary, or in any doubt, return the G.Tripod for service, test and re-certification. (See below).

b. Service, Test & Re-Certification

The G.Tripod must be serviced and re-certified annually and in the event of a fall arrest or if any doubt should arise concerning the units condition.

Only a Globestock Ltd approved servicing agency can be used for this.

On completion of a service and retest, a new Test Certificate will be issued which validates the unit for a further year of use. (This can also cover one 6 monthly LOLER examination).

c. Cleaning, Storage & Transportation

The G.Tripod may be cleaned using warm water with a mild detergent. It should then be allowed to dry.

The unit should be stored in a clean, dry, chemical free environment.

When transporting the G.Tripod it should be boxed or retained to prevent damage or deterioration.

Any accessories/equipment/brackets must be removed prior to transportation.
7. **G.Tripod Specifications**

Model 210

<table>
<thead>
<tr>
<th></th>
<th>Height</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size Folded For Transport</strong></td>
<td>1.72m</td>
<td>0.25m</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Height to Top of Head</th>
<th>Height to Below Head</th>
<th>Feet Stand on Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size at Lowest Height</strong></td>
<td>1.56m</td>
<td>1.35m</td>
<td>1.36m</td>
</tr>
<tr>
<td><strong>Size at Middle Height</strong></td>
<td>2.05m</td>
<td>1.87m</td>
<td>1.90m</td>
</tr>
<tr>
<td><strong>Size at Maximum Height</strong></td>
<td>2.41m</td>
<td>2.21m</td>
<td>2.24m</td>
</tr>
</tbody>
</table>

**G.Tripod Weight**

17.0kg
EU DECLARATION OF CONFORMITY

Globestock Limited
Mile Oak Industrial Estate
Maesbury Road
Oswestry
Shropshire SY10 8GA

Declares that the Personnel Protective Equipment described hereafter

Overhead Pulley Tripod, transportable, temporary anchorage device, product code GSE210.

This model is described in the manufacturer's technical file "G.Tripod GSE210 Technical File" dated January 2019.


Is identical to the PPE which is the subject of EC Certificate of Conformity Number 020713 issued by:

SGS United Kingdom Ltd.
202B Worle Parkway
Weston-Super-Mare, BS22 6WA
United Kingdom
Notified Body Number 0120

January 2019
At Globestock Ltd, Oswestry, Shropshire

Patrick Evans
Managing Director
Globestock Ltd.
# Examination Record Card

**G. TRIPOD (OVER HEAD PULLEY)**

<table>
<thead>
<tr>
<th>Date of 1st Use</th>
<th>Serial No</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General Condition</th>
<th>All fasteners present &amp; secure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No severe corrosion/damage</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rubber Feet</th>
<th>Secure - Rubber Present</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No Significant Wear/Damage</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Legs</th>
<th>Not Bent, Damaged or Cracked</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed Securely to Head Castings</td>
</tr>
<tr>
<td></td>
<td>Extend &amp; Retract</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Leg Adjustment Clips</th>
<th>Present &amp; No Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Locate Securely</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Head/Leg Castings</th>
<th>No Damage or Cracks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legs Open Smoothly</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Head Locking Pin</th>
<th>Lock Legs Open</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operate Freely - No Damage</td>
<td></td>
</tr>
<tr>
<td>Adequate Spring Force</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pulleys and Pulley Brackets</th>
<th>No Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operate Satisfactorily</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rope Guide/ Locking Ring</th>
<th>No Significant Wear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Locks Rope Into Head</td>
<td></td>
</tr>
</tbody>
</table>

| Labels                      | Present, Legible and Secure |

| Comments/additional Inspection Checks |

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This Examination Record Card is provided as an example for guidance only. It is not an exhaustive list. Additional consideration is required, including that of intended use and accompanying equipment.