



**HEAD OFFICE**  
GRANT HOUSE  
LOCKETT ROAD  
ASHTON IN  
MAKERFIELD  
WIGAN  
WN4 8DE

**ENGINEERING CENTRE**  
FOUNDATION HOUSE  
WALLWORK ROAD  
ASTLEY  
MANCHESTER  
M29 7JT

- Gently apply pressure to the control and pull the wire - the mechanism will allow the spool to free wheel out.
  - Remove the two pins above the rollers on the tripod head.
  - Lay the wire into the roller yoke and allow it to hang downwards.
  - The two cable securing pins must be reinserted before use so that the cable does not come free of the runners.
  - Attach hook to the rear or front of harness Dee ring or through eye of suspension straps / lifting rope of stretcher.
  - Once secure, lift the load (wind clockwise) until a metallic clip is heard from the mechanism - you can now lower the load in a controlled manner.
  - Lowering the load is a reverse operation of lifting.
  - CAUTION** should be exercised when raising the load to prevent overlaying of the wire, as it winds back onto the spool. Should this happen it is best to relay the wire onto the spool in a correct manner once the lift operation has been fully completed.
  - NEVER** overload the cable / hook assembly more than its stated safe working load.
- Always ensure that the hook of the man-riding winch is securely attached to the harness prior to access / egress.
  - It is always advisable to attach a secondary fall arrest system. For example, you may attach a fall arrest block to one of the additional anchorage points using a karabiner.

## 8. DISASSEMBLY

- Reverse of assembly instructions.

## 9. STORAGE AND CARE

- The tripod should be stored in a dry, clean area.

## 10. DISCLAIMER

Failure to adhere to the instructions supplied with the equipment may invalidate any claims with respect to damage, death or injury due to the misuse or malfunctioning of the apparatus.

## WARNINGS



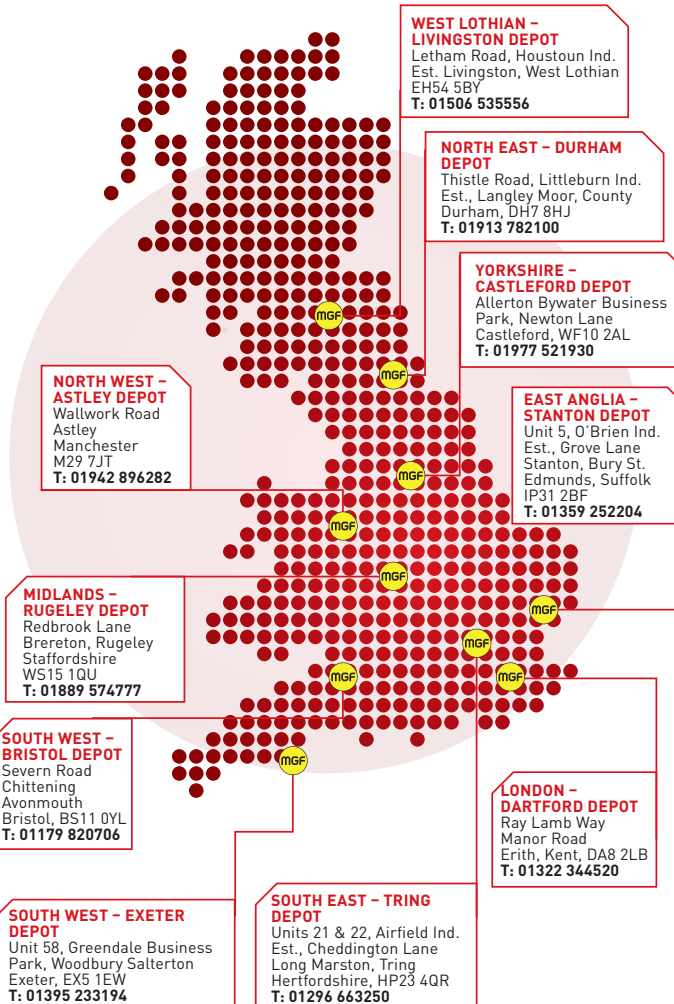
- ALWAYS** - assemble / disassemble the tripod from a position of safety.
- NEVER** - exceed the safe working load of 200kg or the SWL of equipment used with the tripod if this is lower, for example: **RS-100 Stretcher - 120kg**
- NEVER** - attempt any maintenance - if in doubt please contact MGF.
- ALWAYS** - attach the winch / fall arrester to the harness.
- ALWAYS** - ensure that the tripod feet are footed on stable surfaces capable of resisting envisaged loads.

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# USER GUIDE: MGF T03 RESCUE TRIPOD FOR CONFINED SPACE / WORKING AT HEIGHT



**PLEASE READ & UNDERSTAND THIS USER GUIDE  
PRIOR TO COMPILING A SAFE SYSTEM OF WORK  
AND USING THE EQUIPMENT SUPPLIED**

For the latest version of this document visit [mgf.co.uk](http://mgf.co.uk)

## 1. IMPORTANT NOTES

- For the use of MGF supplied equipment only.
- This user guide should be read in conjunction with all relevant MGF User Guides.
- Ensure potential users are confined spaces trained, familiar with the operation of this equipment and that a site specific safe system of work is in place and adhered to.
- Users should comply with the Confined Spaces Regulations 1997 and HSE ACOP L101 (2009) and / or the Work at Height Regulations 2005 and (Amendment) 2007 where applicable.
- It is essential site specific risk assessments are undertaken and include the operation of the equipment supplied.
- It is advisable that a trained, competent person inspects the equipment and explains the operational sequence to the user.
- If in doubt concerning the integrity of any part of the equipment **DO NOT USE IT**.

## 2. T03 RESCUE TRIPOD

You have been supplied with the T03 Rescue Tripod which conforms to BS EN795:97 type B product code T3. The T03 is a more robust option compared to the RGR1. The T03 is portable, lightweight and easy to erect on site. It has adjustable lower and middle legs at 80mm intervals to adapt and adjust to the most demanding surfaces and varying ground conditions. The tripod has a SWL of 250kg and there are three additional anchorage points (max. SWL 200kg each) for additional primary / secondary systems.

It is recommended that the T03 is used with the following equipment as part of a fall arrest or rescue recovery system:

- **RidgeGear RGA4 Fall Arrest and Rescue Block** (or similar approved) c/w fixing bracket, blue nylon rope.
- **RidgeGear RGR7 Rescue Winch** (or similar approved) c/w clamp attachment.
- **RidgeGear RGH5 Rescue Harness** (or similar approved).

## 3. MGF 6 MONTHLY THOROUGH EXAMINATION

- A thorough examination to LOLER, including a load test, of the tripod and fall arrest / rescue winch will be carried out at least every 6 months by a competent RidgeGear trained and approved technician.
- A valid certificate, tag or sticker of test / examination will be provided with your tripod and fall arrest / rescue winch.
- Please return your tripod or fall arrest / rescue winch to MGF for a thorough examination should you have any concerns about its condition or if the test certificate is due to run out.

## 4. VISUAL / FUNCTIONAL INSPECTION - PRIOR

- A visual / functional inspection of the tripod system must be carried out by the user prior to every use which covers the following as a minimum:

- Inspect the head of the tripod for any damage. Check for any cracks and damage to the pulley or eyes. (Figure 1)
- Ensure that the legs lock into position and freely move up and down and that all pins are present, straight and lock into position. (Figure 2)
- Check that the feet move freely and that the rubber grip is present on the underside of the feet. (Figure 2)
- Check the bracket or clamp attachment is secure and not damaged.
- Check for damage on any additional pulleys or karabiners.
- Visually check that the system is installed level, plumb, square and over the intended lift / arrest location.
- Check that the fall indicator hook on the winch is not showing red, the cable extends / retracts freely, locks when pulled sharply and no damage to the block or cable is evident.
- **Inspect any harness assemblies or stretchers that are to be used in combination with the Davitsafe system for damage following the appropriate MGF user guide.**

### ANCHORAGE POINTS / EYES

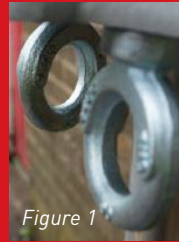


Figure 1

### ADJUSTABLE LEGS, LOCKING PINS AND FEET



Figure 2

## 5. TRIPOD ASSEMBLY INSTRUCTIONS

The height of the tripod can be altered by adjusting the three telescopic legs.

- The height of the legs should be adjusted according to the ground level so that the centre of the tripod is vertically aligned over the centre of the access point.
- Adjustment holes are found on the centre and inner legs.
- When correct height has been achieved insert a pin through the adjustment holes.
- Ensure that the pins are fully inserted through at least two sections of the leg.
- **DO NOT** adjust tripod to a height greater than that which is required.
- For extra stability do not fully extend the centre section of the leg; if extra height is necessary then extend the inner most section of the leg.
- Ensure there is sufficient ground clearance and that the feet are well clear of the hole.
- Once erected ensure that the tripod is stable and level and that all securing pins are fully inserted.

## 6. RGA4 FALL ARREST & RESCUE BLOCK BRACKET

- The T03 needs an additional bracket (Figure 3) to attach both the RGR7 ABD RGH5.
- Attach the RGA4B bracket to the clamp (this may already be

fitted) by placing the hooked part of the bracket over the lower bar on the clamp and secure with a pin through the upper holes.

- Place the Fall Arrest and Rescue Block in the bracket with the cable facing upward and the winch handle facing to the right.
- Place the securing pin through the attachment hole on the bracket and block handle.
- Release winch arm by ripping open Velcro fastening.
- Open the handle by pulling (upward to close handle pull out and push down).
- Release a length of cable from the fall arrest / rescue block and remove the two pins above the rollers on the tripod head.
- Lay the wire into the roller yoke and allow it to hang downwards.
- The two cable securing pins must be reinserted before use to ensure the cable does not come free of the runners.
- Attach hook to the rear or front of harness Dee ring or through eye of suspension straps / lifting rope of stretcher.
- Following a fall arrest situation or to rescue an injured party, engage winch arm by:
  - i) pull out and hold positioning knob
  - ii) push in winch arm, ensure that gears mesh
  - iii) release positioning knob
- iv) turn handle anticlockwise to lower or clockwise to raise the stretcher / arrested person (whichever is quickest and safest).

## 7. RGR7 RESCUE WINCH CLAMP ATTACHMENT

- The T03 needs an additional bracket (Figure 3) to attach both the RGR7 ABD RGH5
- Only ever attach the rescue winch clamp attachment to the centre section of the tripod leg.
- The clamp should be attached to the leg that lines up with the cable runner wheels on top of the tripod.
- Fully unscrew the nuts from the clamp and place each half around the centre section of the leg.
- Place the clamp as high up on the centre section of the leg as possible in order to prevent upward movement.
- The clamp should be positioned so that the securing pin is at the highest point.
- Ensure that all of the nuts are fully tightened so that the clamp cannot move upward.
- Release a length of cable from the rescue winch by putting the system in to free wheel. Place a suitable lever into the release socket (situated on the lower edge of the mechanism cover of the lift control assembly).