



11. 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.

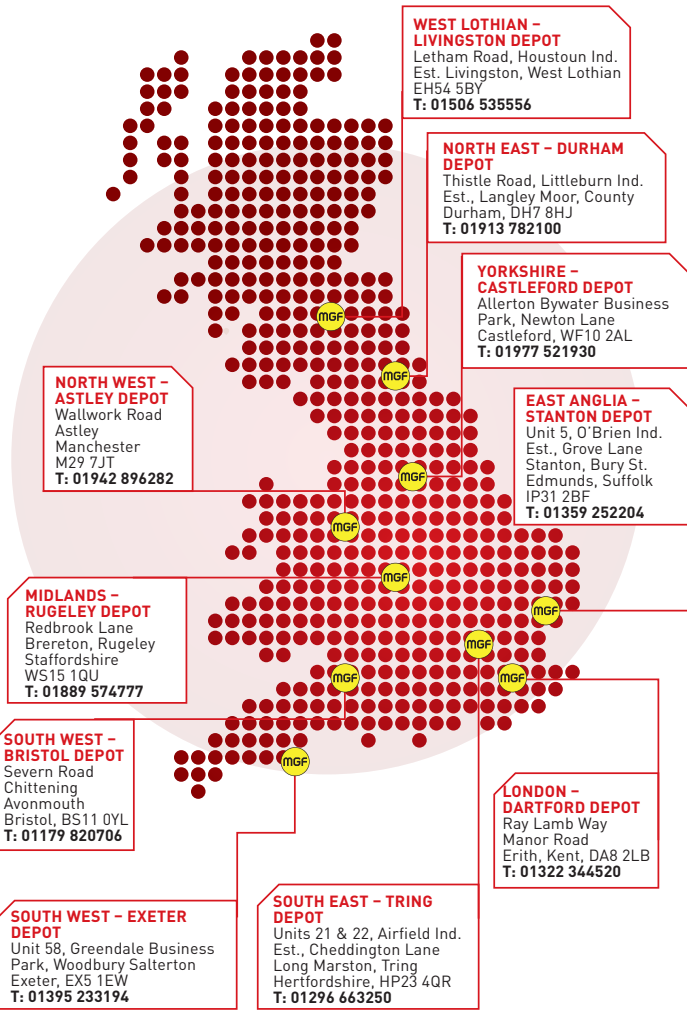
WARNINGS



- **NEVER** - Exceed the safe working load of equipment used with the rescue equipment:
 - MGF Davitsafe - 135kg
 - MGF Tripod - 200kg
 - RS-100, RGR11 & Gazelle Basket Stretcher - 120kg
 - RGR7 - 200kg
 - Tuff 30M Man-Rider - 140kg
- **NEVER** - Attempt any maintenance on the equipment, return to MGF if you have any concerns
- **ALWAYS** - Ensure adequate clearance below operator in the event of a fall.
- **ALWAYS** - consider pendulum effect when unit is used in a non-vertical situation.

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USER GUIDE: MAN-RIDING/RESCUE WINCH SYSTEMS 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 www.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 the Work at Height Regulations 2005 and (Amendment) 2007.
- 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. MAN-RIDING/RESCUE WINCH

- You have been supplied with one of the following:
 - A. RidgeGear RGR7 50M Rescue Winch
 - B. Abtech Tuff 30M Man-Riding Winch
- For use with MGF Davitsafe and Tripod Systems

3. MGF 6 MONTHLY THOROUGH EXAMINATION

- A thorough examination/test to LOLER of the rescue equipment will be carried out every 6 months by a competent, RidgeGear/Abtech trained and approved technician.
- Please return your rescue equipment to MGF for a thorough examination should you have any concerns about its condition or if the test certificate is due to run out.
- You will be issued with a test certificate to cover the inspection period.

4. VISUAL/FUNCTIONAL TEST PRIOR TO USE

- A visual/functional inspection of the rescue equipment must be carried out prior to every use covering the following:
- Inspect all metal connectors, karabiners and hooks for deformation, damage, sharp edges, corrosion, cracks and check that they work.
- Check that the cable extends and retracts and pull firmly to check the lock brake.
- Pull out the cable checking for damage and abrasion within the available extension.

5. WITHDRAWING EQUIPMENT FROM SERVICE

- Rescue equipment should be withdrawn from use and passed to a competent person for a detailed inspection if:
 - It is deemed to be defective following a pre-use check.
 - There is no evidence to suggest that the rescue equipment has been inspected by a competent person within the last 6 months.
 - The manufacturer's identification details are missing or illegible.
 - If in doubt concerning the integrity of any part of the equipment DO NOT USE IT and contact your local MGF depot.

6. RGR7 FEATURES

- The RGR7 is a 50m two-speed man-riding winch fitted with an up/down clutch locking mechanism.
- The unit has a 50cm per handle turn allowing for rapid retrieving/lowering of the cable, with a full one handle turn releasing approximately 48mm of cable.
- Typically used in confined space entry, manholes etc where no ladders are fitted.
- It is advisable that the RGR7 is backed up with an independent separate fall arrest system and a rescue provision separate to the winch if being used in a man-riding capacity.
- Safe Working Load: 200KG
- Accredited to EN 1496 A&B and marked.
- Weight: 21.5kg



7. RGR7 INSTRUCTIONS FOR USE

- Attach to MGF Davit or Tripod system
- To free wheel the system, place a suitable lever into the release socket (situated on the lower edge of the mechanism cover of the lift control assembly). Gently apply pressure to the control and pull the wire - the mechanism will allow the spool to free wheel out.
- Excess pulling speed will result in the mechanism locking as a safety feature. By releasing the free wheel lever and winding the handle/wire rope back onto the spool the free wheel action can once again be achieved.
- 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.
- **WARNING** - When using this system to 'Man Ride', it is advisable to use a secondary fall arrest system such as the RGA4 as an additional safety precaution.

8. ABTECH TUFF 30M WINCH FEATURES

- The Abtech Tuff Winch is a 30M Man-Riding winch with a secondary brake and a brake wear indicator
- Typically used in confined space entry, manholes etc where no ladders are fitted.
- Due to the secondary brake, an independent separate fall arrest system is not required
- Safe Working Load: 140KG
- Average Cranking Force: 30LBS (133N)
- Mechanical Advantage of 11:1
- Accredited to BS EN 795, BS EN 1496
- Weight: 15KG



9. ABTECH TUFF 30M WINCH INSTRUCTIONS FOR USE

- Attach to MGF Davit or Tripod system.
- To reel out the cable, keep hand tension (or attached more than 10lbs of weight to the hook) and turn the handle.
- **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.

10. STORAGE

- Rescue equipment should be stored in a dry clean area.