MGF DAVITSAFE IS A LIGHTWEIGHT ALUMINIUM DAVIT SYSTEM IDEALLY SUITED FOR UTILITY WORKS, DESIGNED TO BE FITTED TO MGF STEEL BOX SYSTEMS AND KKD & ER TRENCH SHEETS AS WELL AS INTERLOCKED SHEET PILES. FULLY COMPLIANT WITH BS EN 795 CLASS B, DAVITSAFE IS SUITABLE FOR USE WITH THE MGF RGA4 FALL ARREST AND RECOVERY WINCH AND RGR7 WORKING WINCH SYSTEMS.

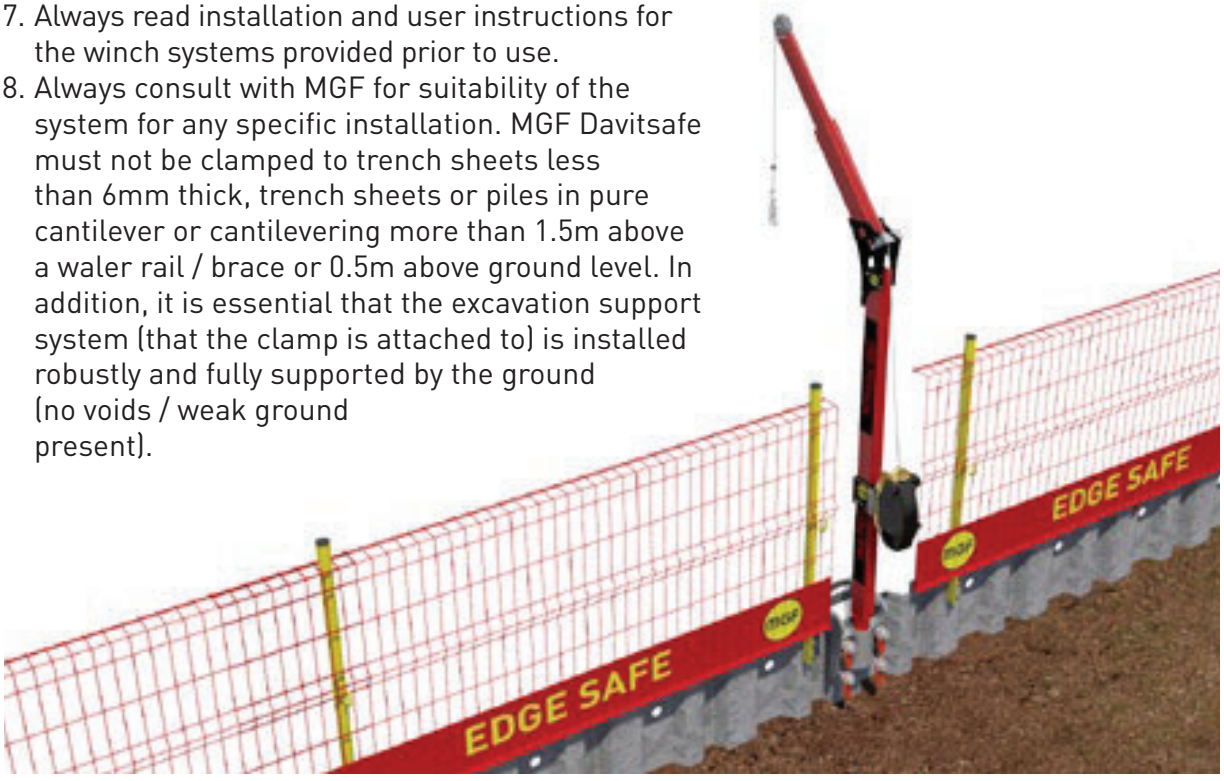
The davit comes in a modular system which can be broken down for ease of transport and installation. The extendable davit arm provides a reach between 500mm - 735mm (19.5" to 29").

The system satisfies the requirement of the Confined Spaces Regulations (1997) in providing a suitable means of rescue. In addition, it provides fall protection for personnel using pole ladders to enter an excavation.

The MGF fall arrest and winch are rated to 135kg max. SWL in accordance with BS EN 1496 and BS EN 360 and has a max. working length of 15m with a max. fall arrest load of 6kN. The MGF Davitsafe is rated to 135kg SWL under LOLER.

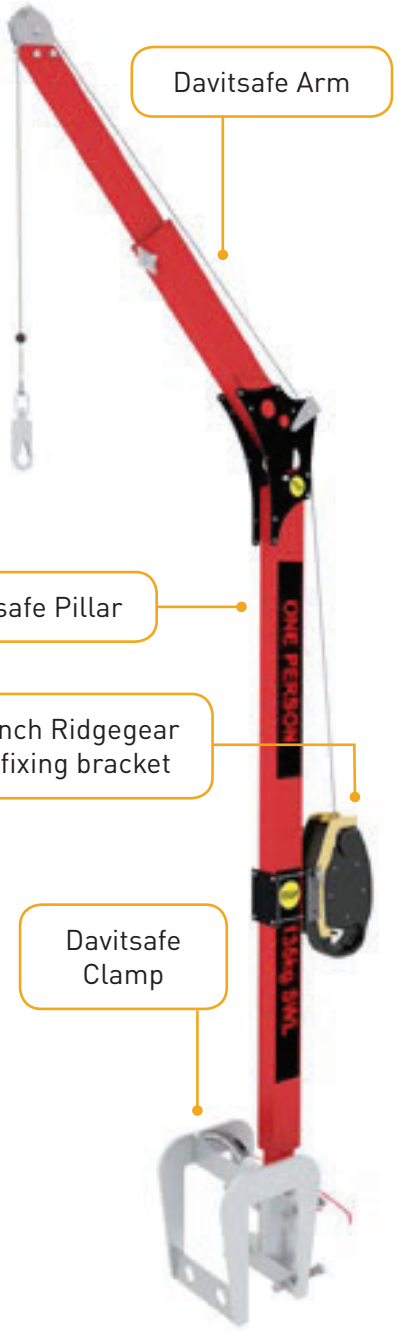
PRODUCT NOTES

1. Ensure that the davit arm and pillar are not damaged and that the correct clamps are provided prior to use.
2. Always install the system from a position of safety. If working from an unsupported edge a full risk assessment should be carried out for the installation. Once the clamp is fully tightened check that the base cannot be lifted, slide or rotate.
3. Ensure that the pillar sits square and plumb with the winch at approx. 1.0m above ground level.
4. Always replace damaged davit arms, pillars, clamps, winches, pulleys and brackets.
5. MGF Davitsafe should only be fitted to MGF excavation support systems using the clamps specified. The customer must ensure that these support systems are installed in accordance with MGF guidelines and that the overall construction is sufficiently robust and stable to support a davit.
6. Take care when handling and storing on site as system can be easily damaged.
7. Always read installation and user instructions for the winch systems provided prior to use.
8. Always consult with MGF for suitability of the system for any specific installation. MGF Davitsafe must not be clamped to trench sheets less than 6mm thick, trench sheets or piles in pure cantilever or cantilevering more than 1.5m above a waler rail / brace or 0.5m above ground level. In addition, it is essential that the excavation support system (that the clamp is attached to) is installed robustly and fully supported by the ground (no voids / weak ground present).



9. MGF Davitsafe and winch is inspected / tested at 6 monthly intervals as specified by LOLER and rated for the loads given when used with MGF approved support systems. However, the customer must thoroughly inspect the complete system as installed to ensure that it is suitable for the use intended. It may be appropriate in certain circumstances to load test the system in-situ for the SWL of 135kg.
10. When using the fall arrest system always ensure that the davit arm pulley is located above the ladder. The pillar can be rotated to ensure that the winch cable is free to run out and the winch can be easily operated.
11. When using the rescue recovery winch locate the davit arm pulley directly above the lift location. Ensure that the pillar is rotated to a position so that the winch cable does not snag, and the winch can be easily operated. Lift the person to above ground level using the winch and lock the winch mechanism. Using a rope either attached to the harness / stretcher or to the top of the davit arm secure the person for swinging out of the excavation. Slowly swing the davit arm out of the excavation. Once safely located above ground, unlock the winch mechanism, and lower the person to ground level using the winch.
12. Always ensure that in the event of a recovery situation sufficient area and clearance is available around the davit for safe retrieval.
13. Always ensure davit operations are carried out from a point of safety and rescuers do not stand on unsupported edges or put themselves at risk from falling in to the excavation.

MGF Davitsafe can be provided with alternative fixings to allow the system to be used in situations where affixing to MGF sheets or box panels is not possible.



Davitsafe	Weight
	(kg)
Davit Arm	**12**
Davit Pillar	**8**
Davit Clamp	**18**
Total	**38**

MGF COUNTER BALANCE DAVIT SYSTEM

The MGF counter balance davit system consists of five individual lightweight components to enable easy transportation and installation. The counter balance davit and RGA4 fall arrest / RGR 7 man-riding winches are connected to the free standing base.

The anchoring system includes a weight rack that uses counter balance / ballast weights to provide support for a davit arm.

No floor penetration is required and the complete system is modular and can be assembled in minutes providing a safe means of man-riding, fall arrest and rescue from height. The MGF counter balance davit system is the ideal system for multiple entry points to various confined spaces, or for when a permanent base plate cannot be mounted.

- MGF counter balance davit system is suited for work where connections to a modular system are not available
- Independently adjustable legs for level or uneven ground
- 5 piece modular system allowing manual installation
- Complies with BS EN 795 Class B
- Extendable reach allowing between 500mm - 735mm (19.5 to 29)
- 24 x 15kg weights provide 4:1 safety factor

MGF EXTENDABLE BASE DAVIT SYSTEM

The MGF extendable base davit system is ideal for man-riding and retrieval in open excavations, where a cantilever system is required. The davit comes in a modular system which can be broken down for ease of transport and installation. The extra adjustable universal base clamp allows the davit to connect to most MGF shoring accessories and other suitable bases between 57mm - 635mm.

- For use with RGA4 fall arrest and RGR7 man-riding winch combinations
- 4 piece modular system allowing manual installation
- Complies with BS EN 795 Class B
- Adjustable base clamp allowing connection between 57mm - 635mm