



INTRODUCTION

The Mobile Man Anchor is specifically designed to provide short-term safety for low frequency operations where guardrails are not provided. This portable anchor unit is ideal for short term maintenance operations to flat roofs or to the plant and equipment installed at roof level such as AC units, telecommunication equipment etc.

The Mobile Man Anchor has been designed to be used with an approved shock absorbing rope grab and rope and full body harness to provide safe access at all times. The Mobile Man Anchor should be used as a fall restraint solution rather than a fall arrest. The systems modular components have been designed for ease of assembly on site and transporting the system to site. When transporting the Mobile Man Anchor to prevent any damage to the units please ensure all components are packed with the weights face to face and the centre piece on top. You must test the set screws ensuring that the treads are free from any damage. The easiest way to do this is by screwing the sets down by hand making sure you then lock on with a spanner this will ensure the weights are fixed correctly in place.

MOBILE MAN ANCHOR BUILDING HEIGHT & SAFE WORKING

The Mobile Man Anchor can be utilised on buildings over 4m high when used as a fall arrest system in conjunction with a shock absorbing rope grab device. If the Mobile Man Anchor is used on buildings below 4m it must be used in conjunction with a fixed length lanyard and used as a restraint system as opposed to fall arrest. The length of the shock absorbing rope grab device should not generally exceed the height of the building in order to avoid the possibility of the pendulum effect. To avoid this, the Mobile Man Anchor should be placed perpendicular to the roof edge where the operative is likely to be working.

No part of the Mobile Man Anchor should be placed closer than 2.5m from the nearest roof edge. Remove any loose materials from the area that you are about to site the Mobile Man Anchor. The unit should not be placed on any surfaces affected by ice, grease or similar slippery conditions which may impair the performance of the unit.

MOBILE MAN ANCHOR PITCH ROOF & SAFE WORKING

The Mobile Man Anchor can be used on a flat roof or on industrial steel cladded pitched roofs up to 15 degrees pitch providing the Mobile Man Anchor is positioned on the opposite pitch to where the operative intends working. When placed on the roof slope the Mobile Man Anchor must be at least 2.5m from the ridge. The Mobile Man Anchor should not be used outside its limitations, or for any purpose other than short term maintenance. No alterations should or any additions to be made to the Mobile Man Anchor and any repairs should be carried out by the manufacturer. Suitable for use on the roof types given in **Table 1** for both the 6 Leg Mobile Man Anchor and the 8 Leg Mobile Man Anchor

In all cases one must ensure that the roof structure is capable of taking the load of the Mobile Man Anchor (260kg or 340kg) combined with the weight of the operative plus any additional equipment required.

Never attach more than one person to the Mobile Man Anchor at any one time, recommended maximum weight of person 100kg; the equipment should only be used by a competent trained person in its safe use and who is also free from any known medical conditions e.g. high blood pressure, vertigo which may affect working at height. It is essential that a risk assessment is carried out to ensure that the product is used safely this may not be the person carrying out the actual work at height. The Work at Height Regulations 2005 requires that the employer / building owner has a rescue plan and a policy in place for the use of the Mobile Man Anchor.

Periodic inspections by competent person are required under the Regulation 5 of the workplace (Health & Safety & Welfare) Regulations 1992, BS EN365 & BS7883. The frequency will depend upon environment, location and utilisation, but should be every 12 months. In the event of a fall the Mobile Man Anchor MUST be returned to the manufacturer to be re-inspected.

MOBILE MAN ANCHOR TESTING

The Mobile Man Anchor has been extensively tested and the body responsible for ongoing assessment: LLOYDS British Testing Ltd, Wheatlea Road, Wigan WN3 6XR to BS EN 795: 2012: Type E Protection against falls from a height - Anchor devices - Requirements and testing. The independent test documents are available upon request. The two types of Mobile Man Anchors have been tested on the following roof surfaces..

Table 1	6 Point Mobile Man Anchor	8 Point Mobile Man Anchor
Chipping Roof Surface	YES	YES
Bitumen Roof Surface	YES	YES
Paving Slabs Roof Surface	YES	YES
Asphalt Roof Surface	YES	YES
Steel Roof Surface	NO	YES
PVC Membrane Roof Surface	NO	YES



Tel: 01257 260441
Fax: 01257 233866
Email:
info@akmfabrications.co.uk

AKM Fabrications
Unit 6, Yarrow Business Centre
Yarrow Road
Chorley
PR6 0LP

Visit our website at: www.akmfabrications.co.uk