



Ladder Access & Edge Protection User Guide





Ladder Access & Edge Protection

This booklet is intended to provide basic information for users of the following:•

ProMech Hire Ladder Access for Boxes and Sheets

- ProMech Hire Edge Protection Systems for Boxes and Sheets and to draw the client's attention to the practical aspects of assembly which need to be considered in drawing up method statements for a safe system of work.

Design

Design Standard

The Ladder Access Platforms are designed in accordance with BS EN 13374:2013 Class A ONLY. i.e. Provide resistance to static loads only, based on the requirements to:-

- support a person leaning on the protection or provide a handhold when walking beside it and- arrest a person who is walking or falling towards the protection.

The Edge Protection is designed in accordance with BS EN 13374:2013 Class A and Class B. i.e. Provide resistance to static loads and low dynamic actions only.

- support a person leaning on the protection or provide a handhold when walking beside it and- arrest a person who is walking or falling towards the protection and - collectively stop a person who is sliding / falling down a sloping surface.

General Guidance Notes

Safe System of Work and Method Statement

These guidance notes are intended to draw the client's attention to practical aspects of the Ladder Access System installation which need to be considered in compiling a safe system of work. In particular, the client's attention is drawn to the dimensions and weight of the platform and the need for planning the lifting operations involved. The platforms are fitted with lifting points for safe slinging.

Note: All Ladder Access Systems MUST be removed from Boxes prior to any lifting.



Manpower

The main activities associated with the Ladder Access System installation are :(i)

Unloading the delivery vehicle.

(ii) Slinging the platform into position on the boxes.

(iii) Connecting the platform to the boxes.

(iv) Levelling the platform.

General Guidance Notes

(v) Securing a ladder to the platform.

(vi) Connecting new support posts to the trench sheets.

(vii) Connecting the posts to the boxes/sheets and the edge protection to the posts.

Plant and Lifting

A suitable appliance is required for off -loading and installation, together with lifting chains of suitable length and capacity and with current certification.

Tools

A lump hammer is required for tightening wing screws on the Clamping Brackets on the Ladder Access System and the post wing screws on the Barrier Posts.

Access, Hard Standing Areas and Site Storage

A suitable area is required to off -load the lorry and store the equipment. Suitable hard standings for the lifting appliance to operate from are also required to lift the platform onto the boxes or trench sheets.

During Works on Site

Install the edge protection as soon as possible. A competent person should regularly inspect the platform.

Return of Equipment Off -Hire

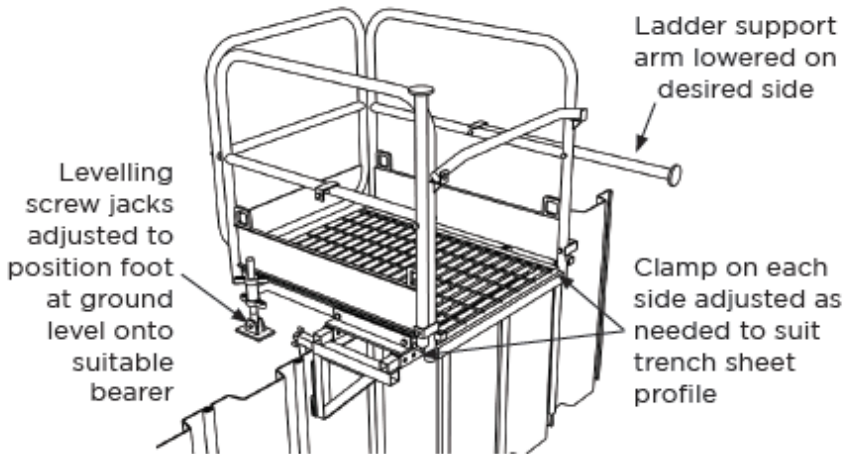
Clients should ensure that on removal, the equipment is returned clean and assembled as supplied.

Transportation

Ensure all equipment is loaded to the satisfaction of the lorry driver and is securely restrained to the vehicle bed.

Component Identification

Ladder Access for Boxes



Ladder Access Platform

Weight – 110 kg, Powder Coated - Red

Component Identification

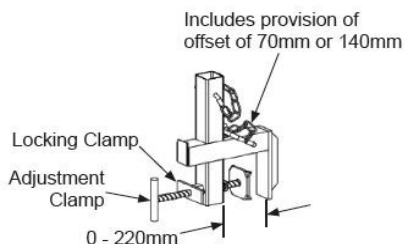
Trench Handrail Components



Handrail Mesh Barrier Panels Finish: Powder Coated Red

Length 'L' (mm)	Weight (kg)
2600	15.0

Universal Edge Protection System



Universal Post Bracket
Code: 084913/4
Weight: 5.0 kg
Finish: Galvanised

Connection Details, Site Assembly & Installation

Ladder Access for Boxes

The Ladder Access Platform will be delivered to site fully assembled and no site assembly is required. After the Trench Box has been installed in the trench, lift the Ladder Access Platform into position on one of the panels. To access the lifting points, lift hinged platform grating. Tighten the two clamping brackets onto the panel and adjust the two levelling jacks until the platform is level.

Remove the lifting chains and lower the hinged platform. Form a temporary ramp up to the platform if required.

Trench Guard Barriers and Posts

After the trench sheets have been installed (with the sheet tops level) in the excavation, lift the Trench Guard posts onto to the top of the trench sheets and space appropriately apart to suit the length of the barrier panels supplied (minimum two posts per barrier). Tighten the clamping brackets onto the trench sheets and ensure the posts are vertical.

Lift the barrier panels onto the posts and locate each post through the top horizontal profile of the panel. Using the adjustable barrier stop on the top of the post, adjust the height of the panel until the lower edge touches the top of the trench sheets. Lower the hooked collar on each post over the top of the toe board to prevent uplift of the barrier.

Connecting Barriers to Sheets

Clamp post to sheet tops (min 2 per barrier)

Drop barrier over posts.

