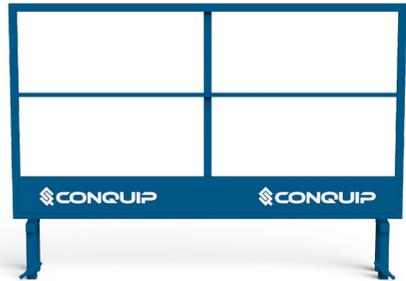


User Guide

Edge Protection





Product Information

Overview Type 01

Conquip's Edge Protection is a full safety systems that can be fitted to trench shoring equipment. We offer two variations depending on customer preference.

Type 01 is available in 3 panel sizes to suit varying site requirements. It can be provided to suit your site-specific needs, either with a Conquip Trench Shoring system or for other areas on site.

The clamp bolt design allows you to transport a box configuration without having to remove and reinstall the Edge Protection every time.

Type 02 features same-size panels with telescopic clamps and poles. (Pages 6-11)

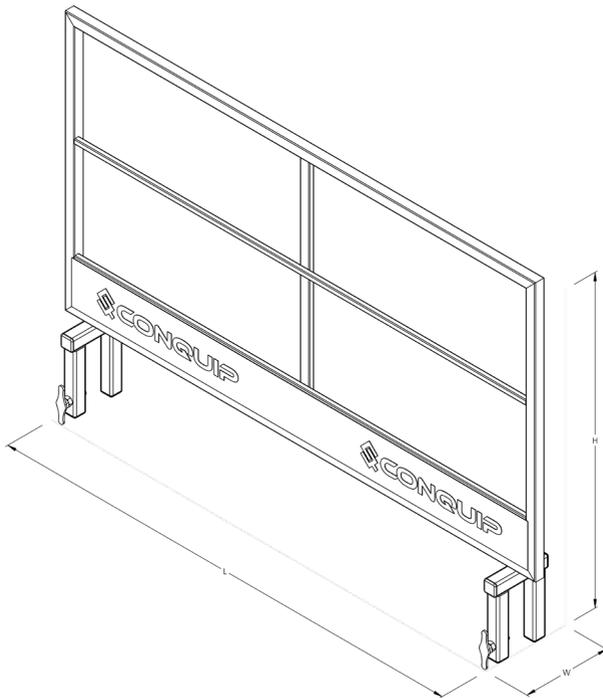
Key Benefits

- Type 01 Edge Protection panels are available in 3 sizes to suit varying requirements.
- Easy to install and designed to be installed at ground level.
- Designed to suit Conquip shoring equipment, including Trench Boxes, Manhole Boxes, and End Panels.
- Clamps bolt design allows box systems to be lifted or moved without removing all of the panels.
- Trench Access Ladders, which provide personnel access to the excavation or trench, are available in a range of lengths and sizes.
- Manufactured in the UK.

Product Information

Specification

Item	Product Code
Type 01 Edge Protection - 500mm	EP100AC-00001
Type 01 Edge Protection - 2000mm	EP100AC-00002
Type 01 Edge Protection - 3000mm	EP100AC-00003



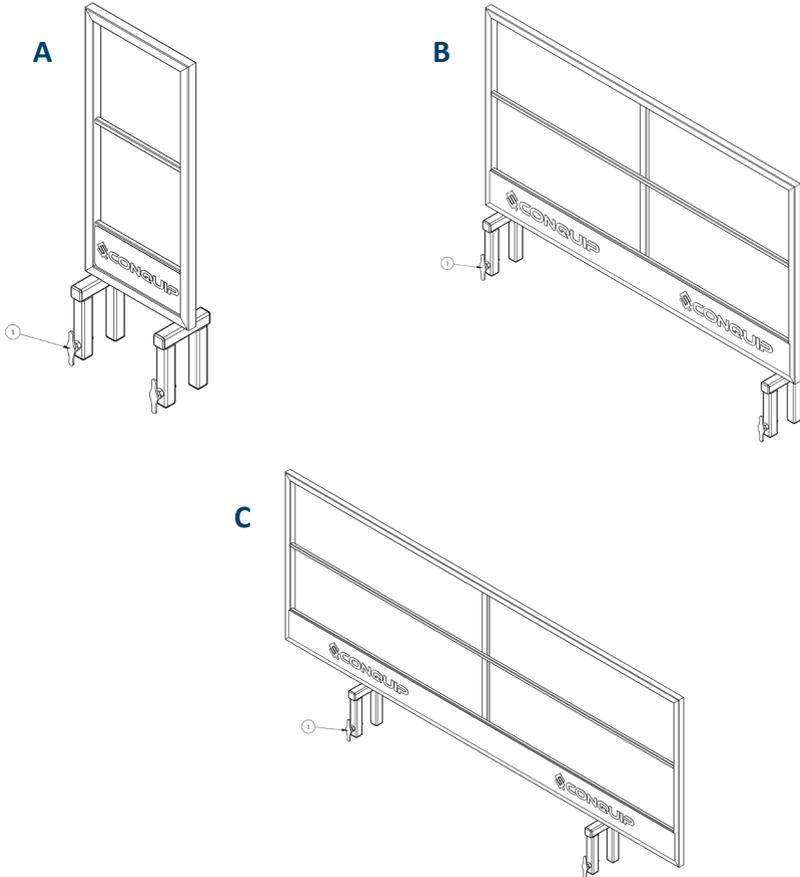
¹Working Load Limit

Product Code	Height	Width	Length	Weight	WLL ¹
EP100AC-00001	1400mm	260mm	500mm	23kg	Self-Weight
EP100AC-00002	1400mm	260mm	2000mm	35kg	Self-Weight
EP100AC-00003	1400mm	260mm	3000mm	45kg	Self-Weight

Product Information

Parts Diagram

Type 01 Edge Protection



NOTE: These parts are for this model, they may differ for previous versions. Please contact Conquip with any queries.

Panel Type	Item Number	Part Number	Description	Quantity
A	1	EP100AC-00001-03	Clamp Bolt	2
B	1	EP100AC-00002-03	Clamp Bolt	2
C	1	EP100AC-00003-03	Clamp Bolt	2

Original Working Instructions

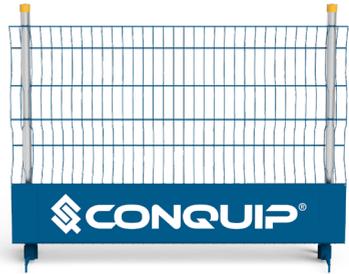
Usage Instructions

Important Usage Notes

- Ensure that the items are not damaged before installing, replace any damaged panels during use.
- Always install from a position of safety. If installing at an unsupported and unprotected edge, carry out a full risk assessment before installation.
- Only install Conquip Edge Protection panels to Conquip excavation support systems using the clamp bolts.
- Panels can be fitted to the box systems prior to installing in the ground.

Assembly Instructions

1. Adjust the width of the clamp bolt as necessary.
2. Fix the panels to the box section by tightening each clamp bolt over the top edge of the Shoring Box or End Panel so the clamp is tight up against the box and there is no movement.
3. Install all the necessary panels required to ensure the excavation is sufficiently secured.
4. If using with Trench Access Platforms and Trench Access Ladders, please refer to appropriate User Guide.



Product Information

Overview Type 02

Conquip's Edge Protection prevents falls from height on excavation sites.

We offer two variations depending on customer preference. Type 02 includes panels, poles, and telescopic clamps, and is suitable for use on Shoring Boxes and End Panels.

Edge Protection can be provided to suit your site specific requirements, either with a Conquip Trench Shoring system or for edge protection in other areas on-site.

Type 01 features 3 panel sizes and a clamp bolt design. (Pages 2-5)

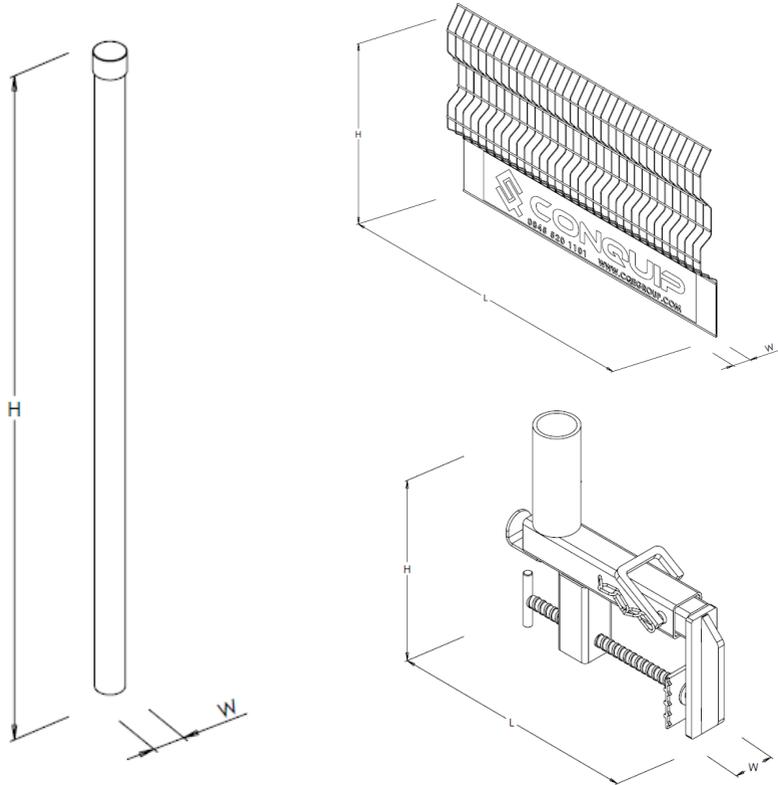
Key Benefits

- Designed to be installed at ground level and easy to fit.
- Type 02 Edge Protection panels are available in 1.79 metre lengths.
- Panels designed with solid lower panel and full mesh for optimum safety and protection of workers from any falling loose material.
- Telescopic clamps are off-set to allow a box system to be lifted or transported without having to remove and reinstall the Edge Protection everytime.

Product Information

Specification

Item	Product Code
Edge Protection Panel	EP100-00001
Edge Protection Clamp	EP100-00002
Edge Protection Pole	EP100-00003



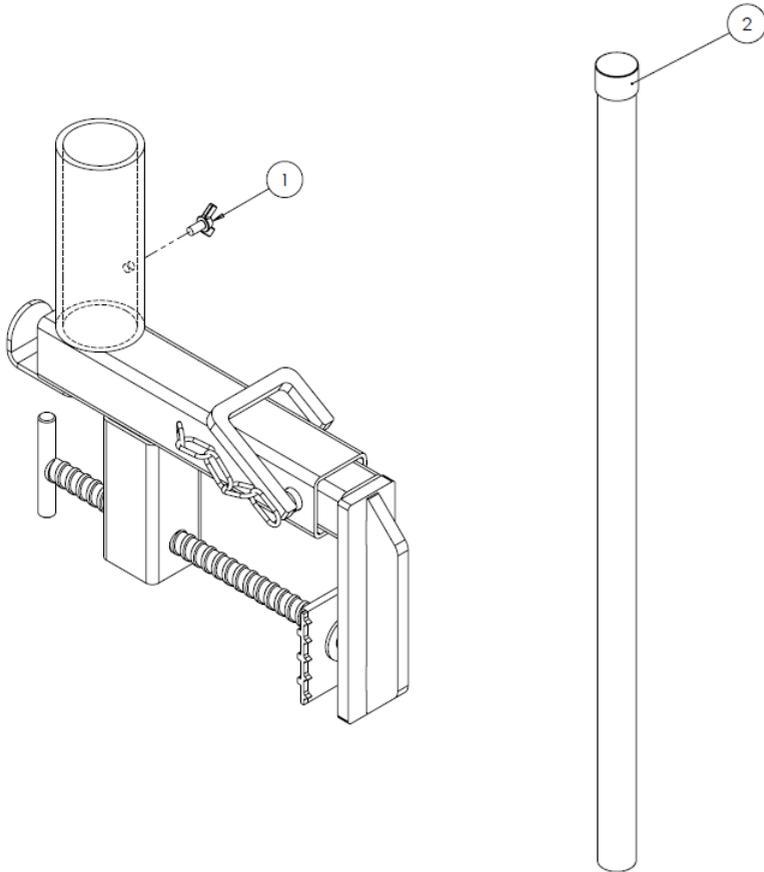
¹Working Load Limit

Product Code	Height	Width	Length	Weight
EP100-00001	1170mm	130mm	1790mm	21kg
EP100-00002	340mm	75mm	470mm	6kg
EP100-00003	1220mm	50mm	50mm	0.15kg

Product Information

Parts Diagram

Edge Protection Clamp & Pole



NOTE: These parts are for this model, they may differ for previous versions. Please contact Conquip with any queries.

Item Number	Part Number	Description	Quantity
1	NS800910	M6 x 12mm Wing Screw	1
2	ZZ990013	Post End Cap	1

Original Working Instructions

Usage Instructions

Important Usage Notes

- Ensure that the items are not damaged before installing, replace any damaged panels during use.
- Always install from a position of safety. If installing at an unsupported and unprotected edge, carry out a full risk assessment before installation.
- Only install Conquip edge protection panels to Conquip excavation support systems using the Conquip telescopic clamps.
- Clamps can be fitted to the box systems prior to installing in the
- ground.
- Ensure the safety chain is always across the opening of the access platform when not in use.

Assembly Instructions

1. Fix the telescopic clamps to the box section by placing each clamp over the top edge of the box with the pole fitting facing up and on the outside edge of the box. (Fig 1, Page 11)
2. Adjust the width of the clamp as necessary, using the pin and hole fixing.
3. Tighten the clamp by twisting the T-shaped tightening screw, so the flat plate is tight up against the box and there is no movement of the clamp.
4. Install all the clamps, positioning them between 1m and 1.5m apart to accommodate the width of the panels correctly.
5. Place the poles into the pole fittings on the clamps, ensuring they are fully inserted. (Fig 2, Page 11)
6. Lower each panel down onto two clamps so they sit on the lip on the outside edge of the box and clamp, with the pole weaved through the mesh to prevent movement of the panel. (Fig 3, Page 11)
7. Install each panel, as per instructions above, around the perimeter of the whole excavation. Each panel should be installed no more than 120mm apart.
8. If using with Trench Access Platforms and Trench Access Ladders please refer to appropriate User Guide.

Original Working Instructions

Usage Instructions

Fig 1

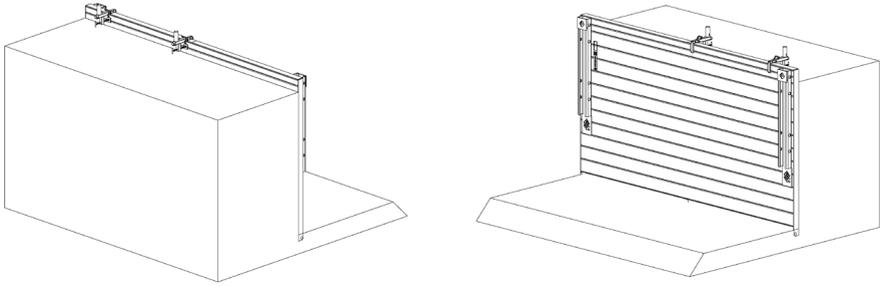


Fig 2

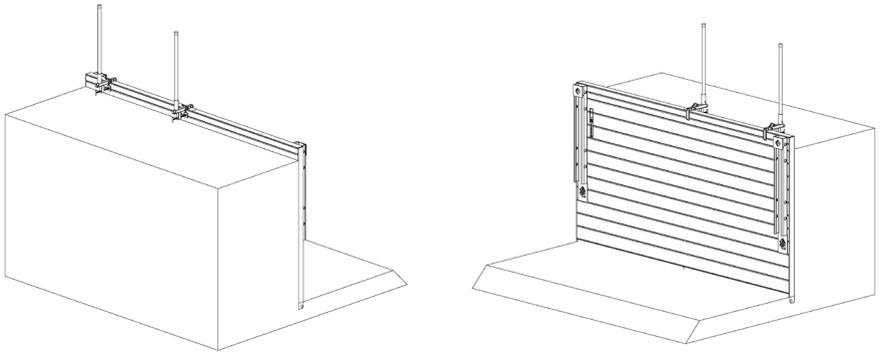
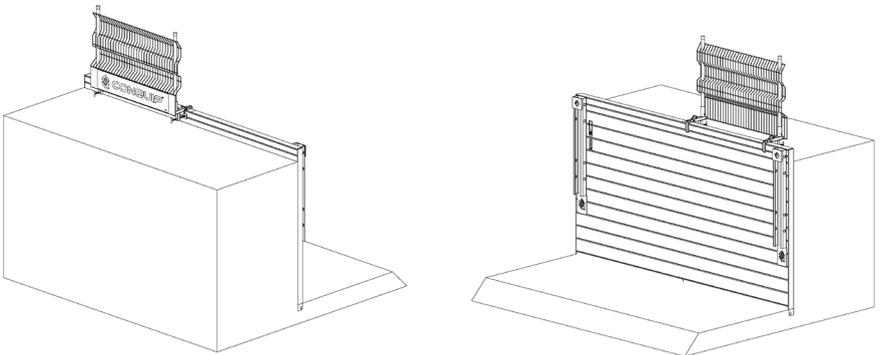


Fig 3



Original Working Instructions

Safety Instructions

Basic Safety

A site-specific Risk Assessment, and lift plan where applicable, must be completed by the responsible person before using this equipment to control risks, produce a safe system of work and ensure safety for you, your colleagues and others. Your risk assessment will determine the correct Personal Protective Equipment (PPE) for the task you are doing. You must use it. Conquip recommends that you should wear:

- Suitable clothing
- Gloves
- Hard hat
- Protective footwear (steel toecaps)
- Safety glasses



Important Safety Notes

- Read these instructions before using this equipment. If there is anything you do not understand or if you have any concerns do not use this equipment. Contact your supervisor or Conquip Engineering Group for advice.
- You must check that you have considered all the safety requirements for the task you are doing and that this equipment is suitable.
- You must protect bystanders and the general public by preventing access to the working area.
- Do not use this equipment if you are tired, unwell or under the influence of alcohol or drugs. If you are taking any medicine or undergoing treatment you should inform your supervisor.

Usage & Transportation

- Never unevenly load this equipment.
- The weight of the equipment, together with its attachments, must be added to the weight of the load when calculating the total load that will be imposed on the lifting apparatus / operating machine.
- This equipment must be used in conjunction with the load ratings of the lifting apparatus / operating machine. (Refer to the manufacturers' load ratings and original working instructions).
- Make sure you know how to use this equipment and understand all aspects of its operation in case of emergency.
- This equipment weighs more than 25kg. Do not lift or manhandle without machine assistance.
- Do not operate this equipment near overhead power lines.
- Take care in confined spaces, near ceilings or similar hazards. This equipment was designed for vertical lifting. Do not drag, or swing.
- Before operating this equipment, check that you have enough space for you to work safely and make sure that the working area is clear of hazards, obstructions and personnel.
- Before lowering equipment make sure that the landing zone is clear and capable of accepting the size and weight of the load.
- Crush Risk. Keep hands and feet clear of the equipment at all times to avoid injury.
- Do not exceed the maximum Working Load Limit (WLL) shown on the serial plate. Ensure that the WLL on the individual lift points is not exceeded.
- Before lifting, check that the load is secured, balanced and stable. Allow space for the equipment to move if the load shifts.
- Manoeuvre loaded or raised equipment carefully. Travel and turn slowly to avoid unit becoming unstable.

Personnel

- All personnel must wear relevant personal protective equipment.
- Do not wear loose clothing or jewellery and tie back long hair to avoid becoming tangled or trapped in this equipment. You must make everyone in the work area aware of what you are doing.
- All personnel involved in the lifting operation must be competent to do so and must have been briefed in conjunction with this User Guide available from Conquip Engineering Group, the manufacturer.

Equipment Maintenance & Cleaning

- It is mandatory that the equipment is thoroughly examined regularly, by a qualified engineer, to ensure compliance with relevant regulation/s. (Conquip recommend to carry out thorough examination every six months).
- This product may incorporate various loose and detachable items of lifting gear. Refer to the separate requirements for the safe use of those items.
- When not being used, store the unit in a clean, upright condition and in a safe place where it will be protected from thieves and unauthorised users.
- This equipment must be inspected by the responsible person before each use and then regularly, as determined by your risk assessment or working practice. If you have any concerns about condition or suitability do not use.

Disclaimer

Warranty

The products supplied by Conquip Engineering Group are all guaranteed by a 12 month warranty.

Apart from where exceptions apply, Conquip Engineering Group promises to repair or replace any fault which the Company considers to be due to defective material or workmanship within 12 months of the date of sale, at no additional cost.

- Faults arising from unauthorised alterations (see modifications section below for full details).
- Damage caused by abuse, neglect, misuse or falling.
- Damage caused because of failure to follow transportation, storage, loading, cleaning or operating instructions.
- Replacement or repair of components due to fair wear and tear.
- Any consequential damage or wear arising from the use or fitting of additional or non-standard parts.

Modifications

If any third-party modifications or alterations, involving drilling, welding, cutting or distortion of materials in any form, are to be carried out on the product, Conquip Engineering Group must provide full written approval prior to the work being carried out.

Alterations, modifications, additions or repairs must be carried out by Conquip Engineering Group's recognised distributors, if they are not carrying out the work themselves.

Conquip Engineering Group operate a continuous improvement policy and therefore reserve the right to alter technical specifications and user guide details at any point without notice.

Conquip Engineering Group will not cover or reimburse any transportation and/or shipment costs to and from their premises or their recognised agents, or any material and/or labour costs for repair, replacement or assessment against a warranty claim.

Conquip Engineering Group and/or their directors, employees, insurers or recognised agents will not be held liable for consequential damages, losses or expenses relating to the inability to use the product correctly for its purpose.

Important Notes

- This User Guide is for this Conquip product only.
- Any movements of the product must be thoroughly planned before the work commences to identify potential hazards and assess risk.
- All personnel involved in lifting and transportation of this product must have read this User Guide and must be properly briefed.
- You must be competent, alert and medically fit when using this equipment. If you have a medical condition, a mental or physical disability, you must seek advice from a medical professional before using this equipment.

Talking to us is easy

We're here to help

Call us on (02) 8844 4590

Email us at sales@conquipgroup.com.au

www.conquipgroup.com.au