

USER GUIDE



ShoreWorX

Corner Bracket Assembly

ILUO four-sided trench shoring



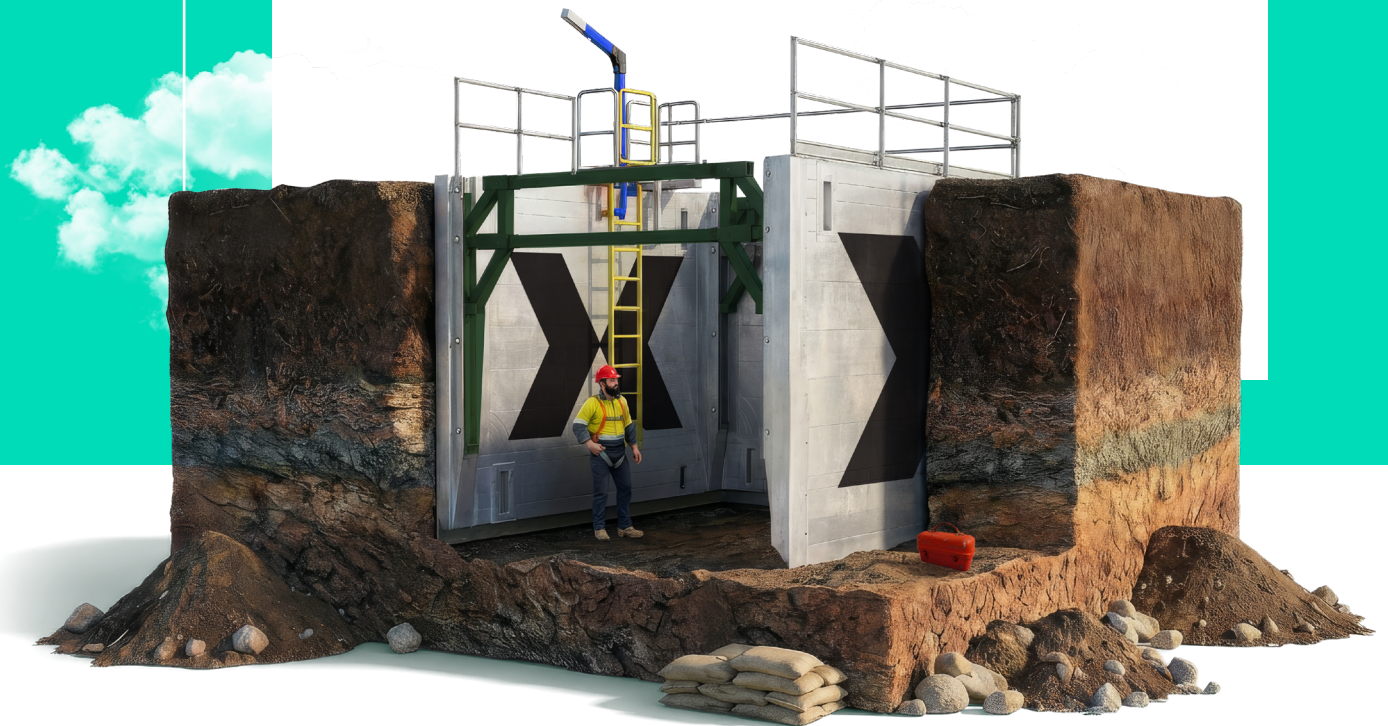
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Before You Start

Safety

Read this guide in full before handling any equipment. All lifting, excavation and installation must comply with applicable safety regulations.

Confirm your machines have the rated capacity to safely lift the panels before you begin. Two machines are required for Steps 2 and 3.



Pre-excavation must not exceed 1.0 m depth, and must not be longer than one shoring section. Nobody enters the dig zone during installation or extraction - no exceptions.

The ILUO Method

Four-sided shoring is assembled in four steps: I, L, U, O. Each step builds on the last. Work through them in order.

Start by removing all panels from the transport vehicle using the designated lifting points. Lay them flat on a stable surface, strut channel facing up. Fit the Corner Brackets into the channels and secure each one with the correct pins and R-clips. All R-clips must sit on the inside of the channel.

Step I

Stand the First Panel

Step 1

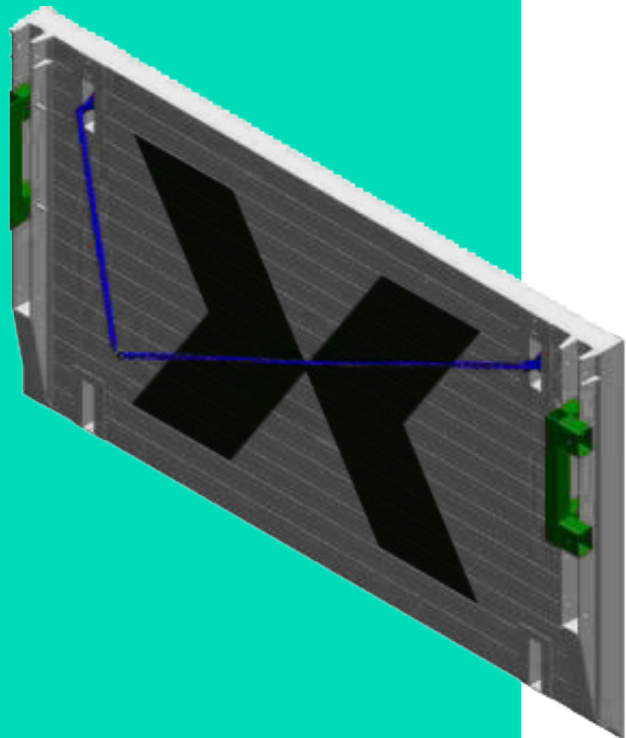
- **Attach lifting** chains to the top two integrated lift points.

Step 2

- **Lift the panel upright** and set it down on its knife edge or base.

Step 3

- **Stabilise the panel** by leaning it against a spoil pile, or hold it steady with the excavator bucket placed gently against the top.



SAFETY

- Never stand in front of or directly behind a panel. All work at this step must be done from the side. Keep everyone clear of the fall zone.

Step L

Add the Second Panel

Step 1

- **Bring in the second machine** and attach a fresh set of lifting chains to the top two lift points of the next panel.

Step 2

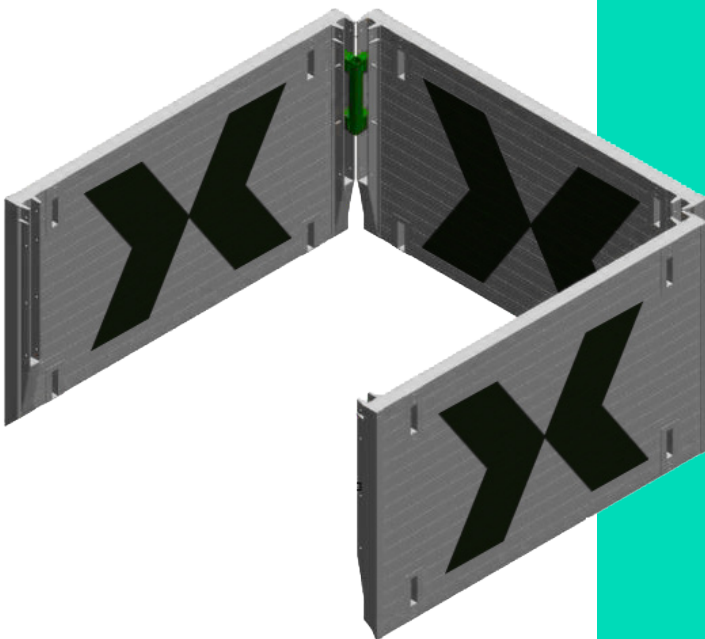
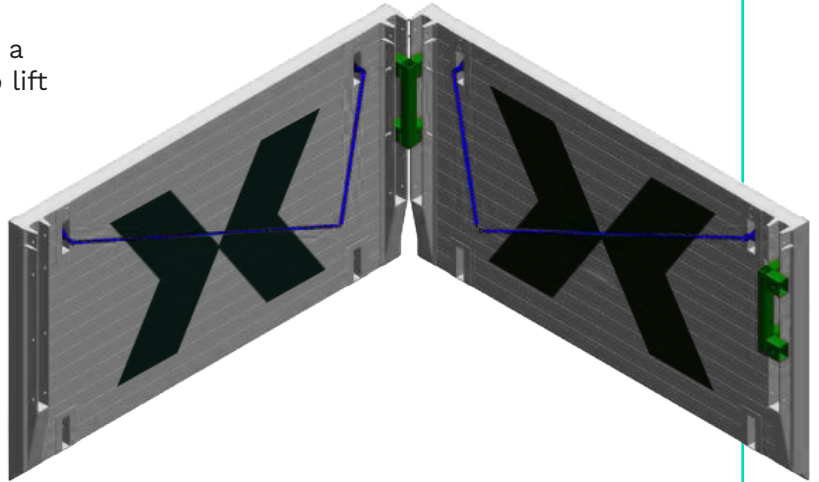
- **Lift the second panel upright** and bring it to meet the first panel.

Step 3

- **Stand outside the panels** and secure the corner bracket pins.

Step 4

- **Fit the R-clips** then remove both sets of lifting chains. The L is now self-supporting — one machine is all you need from here.



Step U

Add the Third Panel

Step 1

- **Lift the third panel upright** using the same method as Steps I and L.

Step 2

- **Stand the panel upright** using the same method as before.

Step 3

- **Keep the lifting chains attached** until the panel is fully pinned. Fit R-clips, then remove chains.

Step 0

Close the Box

Step 1

- **Fit the last two Corner Brackets into the fourth panel** and secure with pins and R-clips.

Step 2

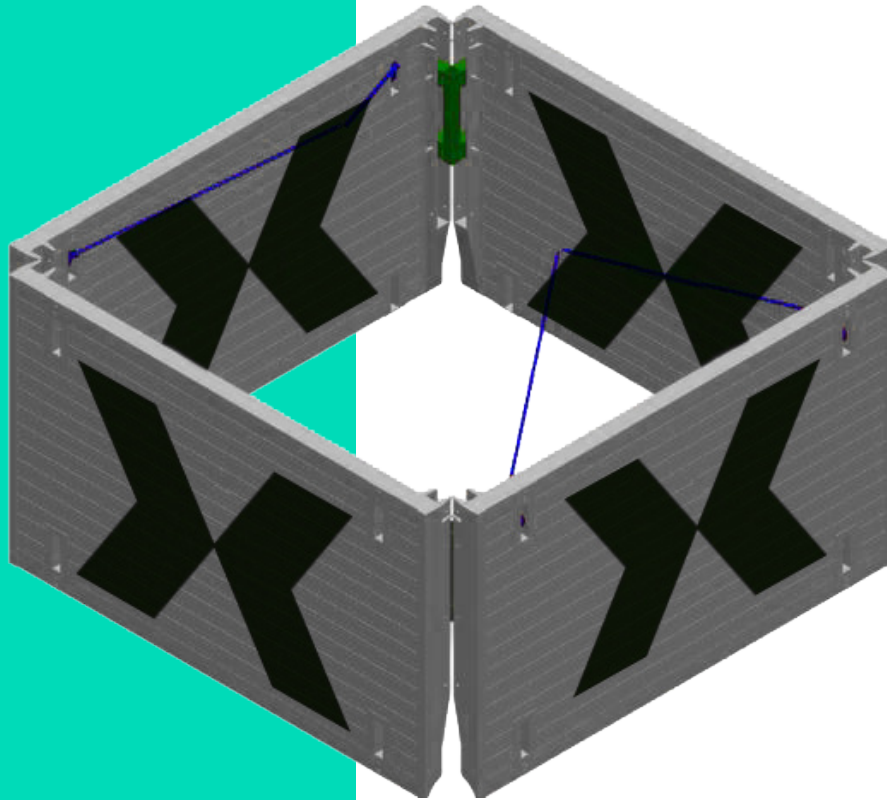
- **Stand the panel upright** using the same method as before.

Step 3

- **Bring it across to close the box.** Line up the Corner Brackets with the channels in the adjoining panels. Small adjustments to the other panels may be needed to get the spacing right.

Step 4

- **Insert the pins and secure with R-clips.** The four-sided assembly is complete.



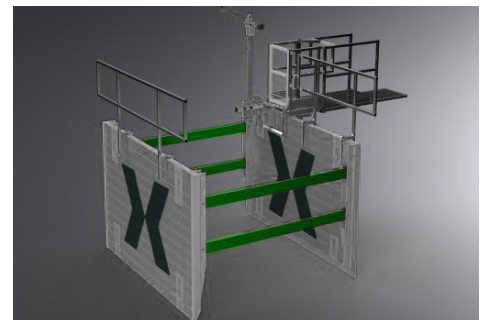
Installing into the Trench

Step 1

- **Connect lifting chains to the two opposing panels** and lift the complete assembly.

Step 2

- **Lower the assembly into the trench.**



TIP

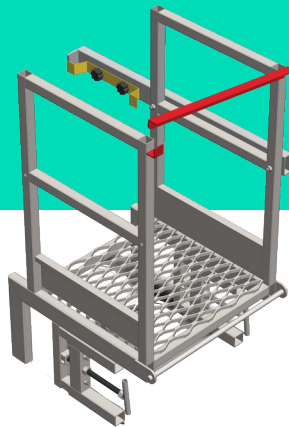
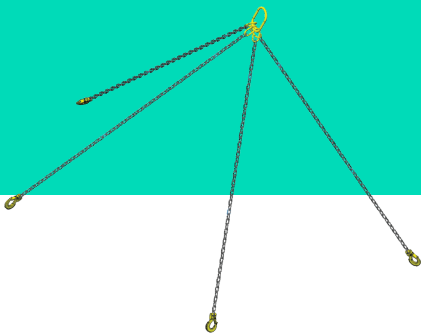
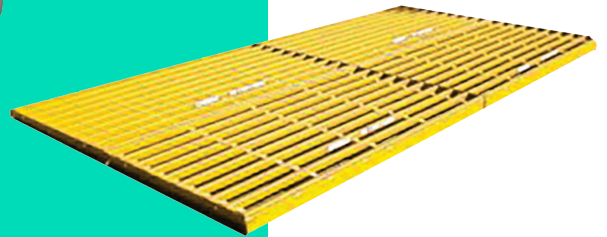
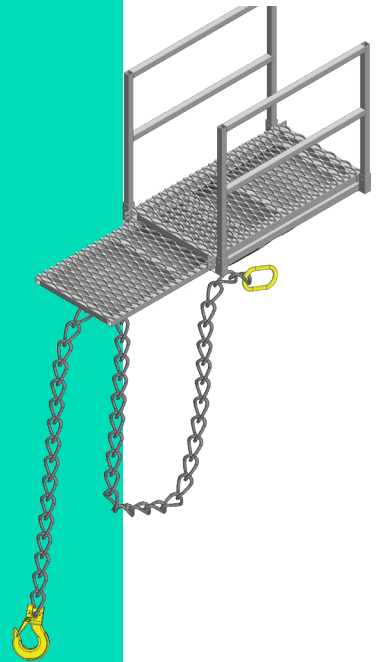
- If using the dig and push method to bring the assembly to depth: always excavate as close as possible to the underside of each panel. Push each corner down in turn — no more than 100 mm per side relative to the opposing side. Even, gradual movement keeps the assembly square and safe.

Safety Accessories

ShoreWorX supplies a full range of site safety products to go with your shoring.

Talk to us about:

- ✔ Handrails
- ✔ Davit Arms
- ✔ Fall Arrest Harnesses
- ✔ Stretchers
- ✔ Ladder Platforms
- ✔ Walkways
- ✔ End Panels



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