

USER GUIDE



ShoreWorX

Panel and Strut Assembly



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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 machine has the rated capacity to safely lift the panels and shoring box before you begin.



Pre-excavation must not exceed 1.0 m depth, and must not be longer than one shoring section. No-one should enter the dig zone during installation or extraction.

Part 1

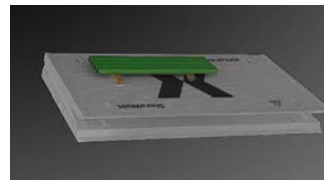
Panel and Strut Assembly

Work on a flat, stable surface. You will need all four struts installed and secured on the first panel before the second panel goes on.

Preparing the First Panel

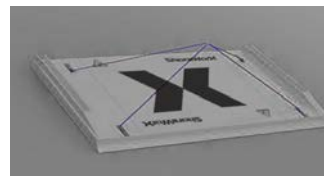
Step 1

- **Unload the panels** using the designated lifting points only. Set them down flat, strut channel facing up.



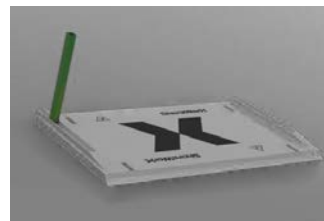
Step 2

- **Place the struts into the channels.**



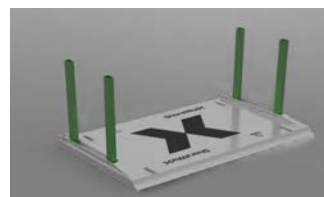
Step 3

- **Pin and clip each strut.** Insert the pins at 400mm and 1000mm down from the top and fit the R-clips. All R-clips must sit on the inside of the channel. Where possible, use the lower position at 1540mm down from the top to reduce panel deflection.



Step 4

- **Repeat until all four struts are installed and fully secured.**



TIP

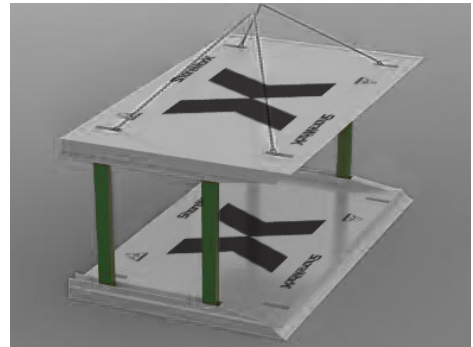
- Need more depth? Stack shields vertically using Extension Connector Joiners, secured with pins and clips.

Fitting the Second Panel

Step 5

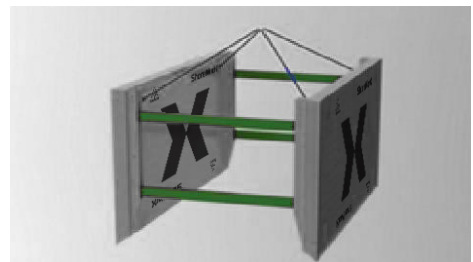
- **Lift the second panel onto the struts** and lock it down with pins and clips.

Where struts exceed 1.8 m: fit the struts to the panel, roll it into the second panel position on the ground with the channels facing upwards, then connect as shown.



Step 6

- **Attach a four-leg chain** to the lifting lugs (two per panel, top edge) and slowly bring the unit upright.



Part 2

Lifting and Installing into the Trench

Step 1

- **Do a final check** - every pin fitted, every R-clip secure. Do not lift until you are certain.

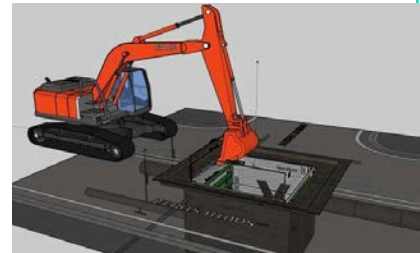
Step 2

- **Attach four-leg lifting chains** to the four lifting points at the top of the uppermost panel pair.



Step 3

- **Lift the shield and lower it into the pre-excavated trench.**



Step 4

- **If the shield hasn't reached the base**, use the machine to gently push each corner down in turn until it is firmly seated and stable.

Step 5

- **Continue excavating using the dig and push method** until you reach the required depth.

Step 6

- **Remove the chains or slings** once the shield is correctly positioned. The top of the shield should sit 100 mm above ground level.



Step 7

- **Backfill any gaps** between the trench walls and the shoring box.

Step 8

- **Check the ends.** Trench ends must be benched or fitted with appropriate end panels. End panels must not bear onto the struts.

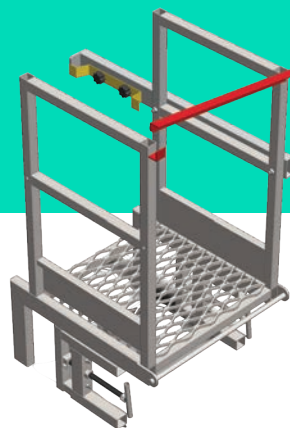
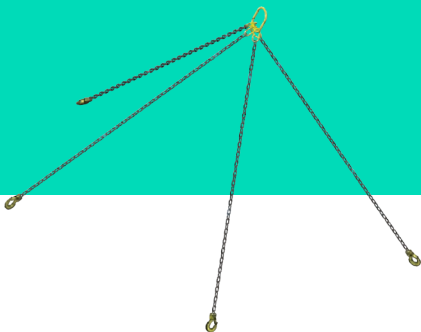
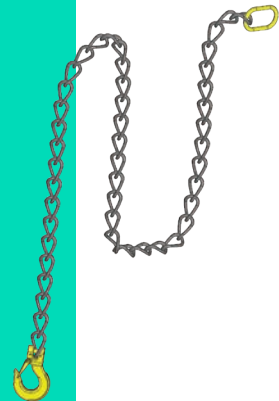
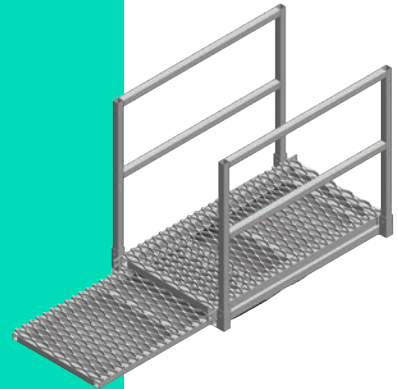


Safety Accessories

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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