

## Quick Release Trench Sheet Extractor - Instructions



### Specifications

Weight: 22kg  
SWL: 2000kg  
Jaw gap: 20mm

### Safety Information

Current health and safety legislation requires that construction equipment users formulate a site specific Safe System of Work to undertake the works that will take place. The equipment is delivered with a valid Thorough Examination.

The extractor is designed to raise or release by using a pin that securely goes through the hole of the trench sheet. The mechanism will lock when the pin is fully engaged.

When the trench sheets have been pulled from the excavation they can be lifted and stacked away.

It is always best practice to clean the sheets of any excess mud or soil before re-stacking them in piles.

### Using the Quick Release Trench Sheet Extractor

- 1) It is always best practice to use a suitable single leg drop chain with swivel locking hook to attach between the Quick Release Trench Sheet Extractor and the machine that is lifting it. It allows the extractor to turn when pulling and lifting the trench sheets.

### WARNING!!!

Shock loads can be more than twice the static load, and can cause very serious damage to the chain you are using which could also include the chain failing causing death or serious injury to the operator and the people around the excavation.

- 2) Using a drop chain, secure the fitted shackle to the hook and the other end to the lifting device.
- 3) Lift the trench sheet extractor over the sheet; release the latch mechanism to remove the pin before slotting the jaws of the extractor over the sheet and aligning the handling hole with the pin hole. Slot the pin fully through the jaws and handling hole ensuring the pin is locked over the locating triangle with the latch.
- 4) Ensure the pin is fully engaged, visual inspection and ensure the end of the pin is protruding beyond the rear of the extractor clamp.
- 5) The quick release extractor is ready for use.
- 6) All personnel must be clear when lifting is in process.
- 7) Extract the sheet using a smooth and even pull. Do not snatch
- 8) Once extracted carefully lay the sheet down on a clear area / stack of sheets and release Extractor (reverse of above procedure)
- 9) Do not shake/tap/drag the sheets.

### Inspection of Quick Release Trench Sheet Extractor before use

- Check main body for security, damage, wear, twisting or distortion.
- Check also the paint finish on body.
- Check the condition of the lifting shackle with pin.
- Check the pin locates fully.
- Check that threads are not damaged.
- Check the condition of all welds present.
- Check condition of bolts present.
- Inspect pin retention chain for any wear, distortion or damage.
- Lubricate moving parts if required.
- Check plant number if legible.

### After use

The quick release extractor must be cleaned, kept lubricated and store in a clean dry place.

**This equipment must not be modified or dismantled. Contact your local Marwood Group Depot for more ancillaries or further assistance**