

# HIRE GUIDE SOLUTIONS

## Scaffold Hoist IMER ET200

### BASIC SAFETY

Before using this equipment and to avoid personal injury, carefully read and understand these instructions. If there is anything you do not understand, DO NOT use this equipment, contact the hire company for advice.

Make sure you are aware of all safety requirements and that this equipment is suitable for the task you wish to undertake.

The work area must be cordoned off from the general public and bystanders.

This equipment must not be operated by persons who are under the influence of alcohol or drugs. Do not use this equipment if you are tired or unwell.

**This equipment must only be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any mental or physical disability, you MUST seek professional medical advice before using this equipment.**

You MUST perform a risk assessment before using this equipment to ensure your safety and the safety of others.

Wear the correct Personal Protective Equipment for the task ahead.

   Wear gloves when handling this equipment. Steel toecap boots must be worn. Wear a hard hat.

Do not wear loose jewellery or clothing that may get in the way or become trapped in the equipment.

Inform everyone in the work area of what you are doing.

DO not work near flammable materials.

GET FAMILIAR! You must understand how to fully operate this equipment in case of an emergency.

 This equipment weighs 45KG, always get help when lifting.

Make sure that all guards are present and correctly fitted.

Carefully inspect the equipment before use, if there is any doubt about its condition, DON'T USE IT.

Do not operate the equipment where there are power lines close within reach of the work area, or similar hazards.

This equipment may be used for vertical lifts only. Make sure that it is secured to a level point able to take the weight of the load and the equipment.

Always double check that the load is balanced and stable and that personnel stand clear of the raised load.

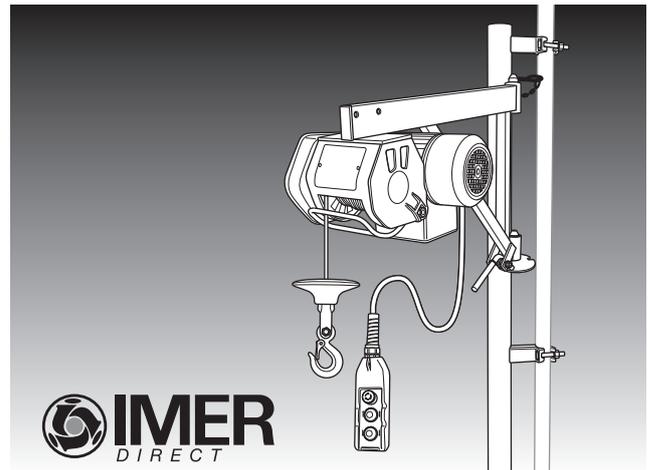
Always check that the hook's safety catch is correctly engaged.

All load cables must be untangled, freely hanging and show no signs of damage.

All personnel including authorised bystanders must not be allowed under a raised load or close enough to be at risk if the load shifts.

The operator MUST remain with this equipment whenever loaded, DO NOT leave unattended.

When lowering a load ensure that the landing area is unobstructed and capable of accepting the load both in size and weight.



DO NOT use this equipment to carry, transport or raise personnel.

You must only attach this equipment to structures capable of bearing its weight plus its load.

Never exceed the equipments safe working load of 200Kg.

### ELECTRICAL SAFETY

Models fitted with a 110V 16A plug will require a 5Kva 110V power supply, this should be taken from a suitable generator or from a transformer.

If the equipment fails, or if any part becomes damaged, return it. DO NOT repair it yourself.

Fully unwind and loosely coil all extension leads. Position them away from the equipment where they will be protected from water, sharp objects and where they will not pose a trip hazard.

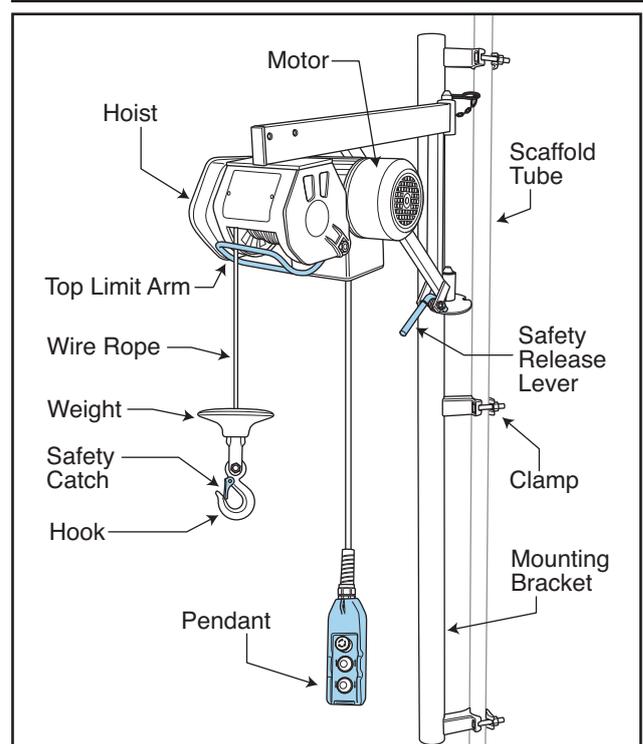
 For additional safety, always use an RCD or power the equipment from a mains circuit with a built in RCD.

Switch the equipment and power supply OFF before plugging into the supply.

### PREPARATION

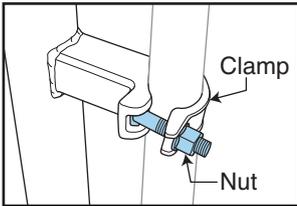
Ensure adequate room around the unit for the operator to work safely.

### SETTING UP THE HOIST



Before setting up the hoist you will have to arrange a suitable support for the mounting bracket. The bracket is designed to attach to an upright scaffold pole. The scaffold pole **MUST** be prepared by a suitably trained scaffold erector and certified as suitable.

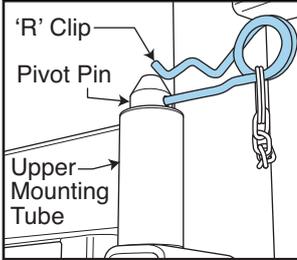
It is also advisable to have the site safety officer (or equivalent) confirm that the scaffold is suitable and safe prior to attachment.



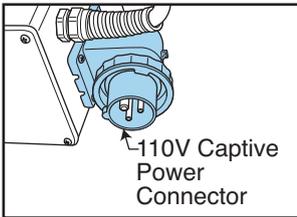
The hoist has two mounting tubes which slot over the two mounting bracket pivot pins. The brackets are set to the correct distance from each other by a welded bar, this ensures the correct spacing.

Loosen (but do not remove) the three scaffold clamp nuts to allow them to be moved clear of the clamp. Open the clamps and align the mounting bracket with the scaffold tube so that the top bracket no more than 25M from the ground. Close and secure all three clamps ensuring that they are correctly tightened.

Remove the 'R' clip from the upper mounting bracket pivot pin.



Position the hoist's upper mounting tube over and onto the upper clamps pivot pin then align the lower tube and pivot pin and fully lower.

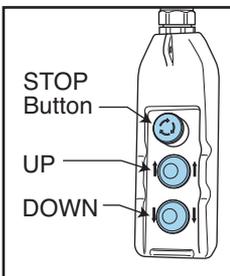


You must now replace the 'R' clip to retain the hoist assembly.

Finally, connect a suitable power supply lead to the unit's captive power connector.

All that remains is to plug the unit into its power supply and switch the supply ON.

## THE CONTROLS



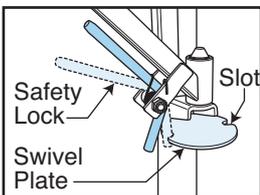
The Scaffold Hoist has a simple, hand held pendant control.

To raise a load, press and hold the 'UP' button. To lower a load, press and hold the 'DOWN' button.

In both cases, release the respective button when the load arrives at its destination.

Note that when raising a load, if the weight makes contact with the stop bar, the hoist will stop.

In addition to the UP and DOWN buttons, there is an emergency STOP button which will stop the hoist if pressed. Remember this switch and its position in case of an emergency.



If the STOP button is pressed, the hoist will not operate until it is re-set. To re-set, turn clockwise until it pops up.

To prevent the unit from swivelling on its mounting bracket, there is a safety lever fitted at the lower mounting tube. The lever engages with one of two slots on a swivel plate. When not in use, always engage the safety lever.

## OPERATING THE HOIST

### Lowering...

Press the down button and hold until the cables hook reaches the desired position to safely engage the load carrying device (Bucket, Sling etc).

Attach the hook to a dedicated lifting point on the item to be raised, **DO NOT** wrap the cable around the load. Double check the hooks security and ensure its gate has closed fully.

You can now press the UP button to raise the load.

## REMEMBER

**All personnel including authorised bystanders must not be allowed under a raised load or close enough to be at risk if the load shifts.**

**The operator MUST remain with this equipment whenever loaded, DO NOT leave unattended.**

## EQUIPMENT MAINTENANCE & CLEANING

When not being used, store the unit in a clean condition and in a safe place where it will be protected from frost or freezing conditions.

## FINALLY

Remove any load then press the UP button until the cable is fully wound.

Isolate the unit from the power supply then dismantle everything by reversing the instructions in 'Setting up the hoist'.

Collect everything together ready for return to the hire company.

## NOTE

**Failure to clean the equipment thoroughly may make you liable to a cleaning charge.**