



SCAFFOLD HOIST

SAFETY PRECAUTIONS & WARNINGS

It is in the interests of those operating this equipment, and for the safety of others, that these **SAFETY PRECAUTIONS & WARNINGS** are carefully read and understood before operating this equipment.

PURPOSE

1. Scaffold hoists are designed to lift or lower materials. This equipment is not to be used at any time to lift people.

PERSONAL SAFETY

2. This equipment is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it. It must not be operated by minors, or by anyone under the influence of drugs or alcohol.
3. If the equipment is not used in a safe, careful and controlled way, personal injury or injury to others may result.
4. Before attempting to operate this equipment, you must have adequate instruction from a qualified person, then you must familiarise yourself with the equipment, its controls and operating characteristics.
5. Before starting your work, think and plan ahead to ensure you, and others around you, will be working in a safe environment.
6. When operating this equipment, it is recommended that the following items of Personal Protective Equipment (PPE) be worn:
 - **Safety helmet to EN397 or BS52400.**
 - **Appropriate gloves if employing 230v mains supply.****Note: Other types of work, or environment, may require a higher level of PPE.**
7. With regard to electrical safety implications when using this equipment, see the section on 'ELECTRICAL SAFETY' below.

SECURING THE HOIST TO SCAFFOLDING

8. The part of the scaffold you have selected to mount the hoist must be capable of supporting the weight of the equipment and the weight of the materials to be lifted or lowered.
9. The hoist equipment is heavy, therefore enlist assistance before attempting to mount and secure the hoist to the scaffolding.
10. Ensure you have an adequate platform to work on and the necessary guardrails.
11. Position and securely attach the hoist to vertical scaffold members.

ELECTRICAL SAFETY

12. The operating voltage of hoists may be either 110v (yellow industrial plug connector) or 230v (square pin or blue plug connector).

110v HOISTS (Yellow Plug)

13. Only use a portable transformer and only plug the transformer directly into the 230v socket.

14. Only suitably rated, heavy-duty 110v extension cable, not longer than 50m (160ft), must be used between the transformer and the equipment. Do not use 230v extension cables.
15. When routing the extension cable, avoid emersion in liquids and trapping the cable in windows, doorways and other areas that could cause damage to the cable. Avoid laying the cable in areas that are subject to site traffic. Ensure all connections are kept dry.

230v HOISTS (Square Pin or Blue Plug)

16. To safeguard against electrical shock, always connect the equipment into a residual current device (RCD) that in turn is connected to a 230v socket.
17. Before using the equipment, press the 'RED' test button on the RCD to ensure that it is working. Re-set the RCD according to the instructions provided.
18. Only suitably rated, heavy-duty 230v extension cable, not longer than 50m (160ft), must be used between the mains supply (RCD) and the equipment.
19. When routing the extension cable, avoid emersion in liquids and trapping the cable in windows, doorways and other areas that could cause damage to the cable. Avoid laying the cable in areas that are subject to site traffic. Ensure all connections are kept dry.

OPERATING AREA SAFETY

20. Before commencing work, ensure that the area you are to operate the equipment is in a safe environment. Erect safety barriers and warning signs as necessary.
21. Make sure that the work area is clear of obstructions and hazards (projections, cables, pipes, etc.) and that no one is close by that could distract you whilst operating the hoist.
22. Anybody who is working near to you will also need to wear the appropriate PPE.
23. Before commencing work, warn others who may be working in the vicinity of the equipment, to keep clear. If possible place safety barriers around your work area.
24. Do not attempt to use the equipment in a windy environment.
25. Do not use this equipment where there is a danger of igniting fumes from petrol, or gas cylinders.

BEFORE OPERATING THE EQUIPMENT

SAFETY CHECKS

26. Visually inspect the equipment and all its accessories (cables, ropes, chains, safety barriers, etc.) for serviceability (completeness, signs of damage, undue wear, etc.). Do not use the equipment if found damaged or worn - contact the hire company immediately.
27. Before attempting to operate the equipment, familiarise yourself with the equipments controls. Make sure you understand their purpose and function.
28. Before you start the equipment, you must know how to **STOP** it in an emergency.

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OPERATING THE EQUIPMENT

USING THE EQUIPMENT

29. Keep all electrical connections dry.
30. Be aware of people close to the hoist when it is being operated.
31. Deter people from walking underneath the hoist when it is being operated.
32. The temporary removal of any guardrails for the purpose of loading/unloading must be immediately replaced.
33. Do not operate with loads that exceed the safe working load (SWL) of the equipment.
34. Ensure that each load is secure before operating the hoist. Do not use the hoist cable to secure or 'sling' loads.

SECURITY & MAINTENANCE

35. Visually check the condition of the hoist at the start of each day.
36. If the hoist operates erratically, or incorrectly, do not use and do not attempt to repair it. Inform the hire company.
37. Periodically clean the hoist to ensure it is free from dust, dirt and other debris.
38. When the hoist is left unattended, un-plug the power source.
39. When the hoist is left unattended for long periods (i.e. overnight), ensure it is made secure to prevent unauthorised use.

COLLECTION & PICK-UP

40. For safety reasons this equipment requires you to use a **VAN** or an **ESTATE**.

