

YOUR LES®**QUICK GUIDE****TO**

SCAFFOLD HOISTS



WHAT IS A SCAFFOLD HOIST?

Scaffold hoists are essential tools particularly in the construction and maintenance industries, facilitating the lifting and lowers of materials and equipment to elevated work spaces.

Scaffold hoists are specifically designed for use in conjunction with scaffolding systems, offering a safe and efficient means of transporting heavy loads vertically.

TYPES OF SCAFFOLD HOISTS

Manual Scaffold Hoists: These types of hoists, such as gin wheels, are the most traditional, operated by hand and are more suited for carrying lighter loads, typically those on small construction projects.

Electric Scaffold Hoists: Available from the likes of CAMAC, IMER, and L'Europea, these scaffold hoists are powered by electricity, making them more suited to lifting heavier loads with greater precision and efficiency.

Hydraulic Scaffold Hoists: Powered using hydraulic to lift and lower loads, these types of scaffold hoists offer smoother operation and precise control when handling the heaviest of loads.

COMPONENTS & HOW THEY WORK

Mechanism: Scaffold hoists typically consist of a motorized winch mechanism housed within a robust casing. The winch is powered by electricity or compressed air, providing the necessary force to raise and lower loads.

Cable System: A durable steel cable or rope is wound around a winch drum. This cable is attached to a lifting hook or platform, allowing for the secure attachment of material or equipment.

Control System: Scaffold hoists are equipped with user-friendly control mechanisms, such as push-button switches or remote controls. Operators can precisely control the ascent and descent of loads, ensuring safety and accuracy during lifting operations.

HOW ARE THEY USED?

Load Attachment: The first step in using a scaffold hoist is securely attaching the load to the lifting hook/platform. Proper rigging techniques should be employed to prevent slippage or instability during lifting.

Positioning: Operators should ensure that the scaffold hoist is correctly positioned and anchored to the scaffolding structure. The hoist should be mounted on stable ground or scaffold component capable of supporting the anticipated load.

Lifting Operation: Once the load is properly attached and the hoist is securely positioned, operators can initiate the lifting operation using the control mechanism. Care should be taken to maintain a clear path for the load and to avoid overloading the hoist.

Monitoring: Throughout the lifting process, operators should monitor the hoist and load for any signs of malfunction or instability. Regular inspections of the hoist system are essential for identifying and addressing potential safety hazards.

Lowering: After completing the lifting operation, operators can safely lower the load to the desired location using the hoists control system. Slow and controlled descent is critical for preventing accidents or damage to the load.

WHERE ARE THEY USED?

Construction Sites: Scaffold hoists are often used in construction projects for lifting materials such as bricks, concrete blocks, and scaffolding components to elevated work areas. They streamline workflow and reduce manual labour, improving productivity.

Building Maintenance: In maintenance and renovation projects involving high-rise structures, scaffold hoists are indispensable for transporting tools, equipment, and building materials to upper levels safely and efficiently.

Façade Installation: During façade installation or repair work, scaffold hoists play a crucial role in lifting glass panels, cladding materials, and other façade elements to the appropriated height, facilitating seamless installation processes.

Event Setup: Scaffold hoists are also utilised in event setup and production settings for hoisting lighting rigs, audio equipment, and stage props to elevated positions. They ensure rapid setup and teardown of event infrastructure, contributing to the smooth execution of events.

NOTE: THIS IS NOT AN EXHAUSTIVE LIST. CONTACT US WITH YOUR APPLICATION IF UNSURE

SAFETY GUIDELINES

Training: All operators should undergo adequate training on their specific hoist before attempting operation. We advise that you fully read and understand the user manual prior to proceeding.

Weight Limits: Weight limits/working load capacities should always be adhered to. These limits have been specified by the manufacturer for safety reasons. Overloading can lead to catastrophic accidents and severe damage to the hoist.

Regular Inspection: Inspection before every use is suggested in order to maintain safety and a healthy hoist. Check for any signs of wear and tear, and promptly address any issues as soon as possible to prevent hazard occurring.

Proper Positioning: Ensure that your hoists is properly fastened to a stable structure before commencing operation. Distribute your load evening and follow the manufacturers guidelines on attaching the hook.

Communication: Always maintain clear communication between the hoist operator and other ground staff.

PPE: All workers operating, or within reach, of any hoisting operating should always wear the appropriate PPE including helmets, gloves, glasses, and safety harness.

MAINTENANCE TIPS

Regulation Lubrication: Keeps all moving parts lubricated to reduce friction and wear.

Cleaning: Always remove dust, debris and other contaminants that could affect performance.

Chain/Rope Inspection: Always check chain/rope for any sign of damage such as fraying and corrosion. Replace immediately should you identify any damage.

Electrical Safety Checks: Ensure a fully trained electric engineer conducts routine checks of all electric components.

Professional Servicing: Produce a maintenance schedule and stick to it. Periodic inspections and services will identify any potential risks at the earliest stage.

OUR MOST POPULAR SCAFFOLD HOISTS



**IMER ET200
SCAFFOLD HOIST**

From £1193.73

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**IMER BUILDERS
GANTRY HOIST
SYSTEM G500**

From £3368.13

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**CAMAC PF-200
SCAFFOLD HOIST**

From £2811.36

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