

- **The Teleclimber is a self-climbing, motorized hoist** purpose-built for large production spaces — TV studios, broadcast facilities, and auditoriums — with ceiling heights of up to 16 metres. Unlike conventional grid-mounted hoists, the Teleclimber requires no supporting grid structure. It runs directly on C-tracks mounted to the studio ceiling, climbing its own load cables to raise and lower lighting, scenery, and AV equipment with precision.
- Offered in multiple standard versions with a range of extensions and mechanical/electrical options, the Teleclimber adapts easily to multipurpose studios handling anything from news broadcasts to live entertainment production.

MOTORIZED TELECLIMBER



TECHNICAL SPECIFICATIONS

- Electric Motor : **1.1kW / 1.5kW** 3 Phase 380-440V 50/60HZ AC Motor with DC Brake
- Self Weight : **> 160 kg**
- Travel Distance Option : **Up to 15 Meter** (Customizable as per site requirements)
- Safe Working Load options : **Up to 200 kg** (Customizable as per site requirements)
- Batten Length : **2 - 5 Meter Ø48mm OD Pipe** (Customizable as per site requirements)
- Lift speed : **5 - 6 Meter / Minute**
- Minimum Collapse Height : **1.2 Meter**
- Safety : **Two safety micro switches each for the Top and the Bottom limit**
- Lifting cable : 4mm diameter galvanized steel cable.
- Finish : Epoxy polyester powder coated matte finish

Key Advantages

No grid required

Mounts directly onto studio ceiling C-tracks, eliminating the cost, weight, and installation complexity of a full suspension grid — ideal for retrofits and space-constrained venues.

Self-climbing design

The hoist climbs its own lifting cables rather than relying on a fixed drum position, allowing a compact head unit to service tall ceilings (up to 16 m) without oversized machinery.

High payload capacity, low self-weight

Delivers safe working loads up to 200 kg on a standard 3 m load barrel while remaining lightweight — reducing structural loading on the building ceiling.

Modular and multipurpose

Available in multiple standard length/speed/height configurations, with a wide choice of mechanical and electrical accessories, so a single product family covers lighting rigs, scenic elements, and camera/AV support across different studio types.

Integrated power & signal distribution

Optional termination boxes carry dimmer circuits, non-dim mains, DMX lighting control, and audio/video circuits up the same hoist — reducing cable runs and simplifying rigging.

Weight Overload

Integrated electronic load cells trigger instant shutdown upon overload.

Built to recognised safety standards

Designed and tested to EU standards, giving productions confidence in overhead load safety — a critical requirement in occupied studio and auditorium spaces.

Smooth, quiet, precise operation

Variable-speed motorized travel enables gentle acceleration and accurate positioning, protecting both the equipment and the fixtures being raised or lowered, while keeping noise to a minimum during live recording.

Control Options

Graphical UI Hoist Control System

A modular, universal control platform for the full range of hoists, compliant with EU Standards and the Machinery Directive. Key features include:

- Simultaneous control of multiple hoists
- Variable speed control for smooth acceleration and precise final positioning
- Touch-screen console (wall-mounted or desktop) showing a real-time topographic layout of the studio, with live hoist status and position feedback
- Robust, long-battery-life wireless remote controls for on-floor operation during rigging (Optional)
- Group and memory (pre-set position) functions for fast scene changeovers
- User privilege levels, allowing differentiated access for lighting, scenery, and technical staff
- Tiered emergency-stop and fail-safe operation modes
- Upgradeable architecture, protecting the initial investment as studio requirements grow

Manual Control System

A simplified, lower-cost control option for smaller installations or applications where full automation is not required, offering direct up/down operation of individual hoists.

Termination Box Options

- Dimmer/ Non Dim Power circuit – $2/3 \times 10A$ circuits / Custom on request
- DMX circuit – $2 \times 5Pin$ XLR / Custom on request
- Art net / DATA connection – On request
- AV circuit – On request

Typical Applications

- Multi-camera TV studios and broadcast production facilities
- News and current-affairs sets requiring frequent scenic changeovers
- Auditoriums and multipurpose event venues
- Theatre and live-entertainment lighting rigs
- Any high-ceiling venue where a fixed grid is impractical or undesirable