

Motorized Teleclimber combines innovative design with the highest standards of construction and ease of installation for payloads up to 140Kg. Motorized Teleclimber incorporates the luminaire suspension pipe, the relevant safety switches luminaire power outlet, and a worm geared motor raising and lowering the unit. To reduce the costs of the site installation and simplify it, the Hoist is supplied with pre-mounted structure to which the four wire ropes, the flip-flop power cable tray and electrical terminal box are already attached.



SPECIAL FEATURES

- EFFICIENCY AND OPERATING COSTS** : The Self Climbing hoist is ideal for the raising and lowering of lighting instruments along with their associated circuits and dimmers. The ability to lower the lighting batten to any positions within the set area, increases the efficiency of the operations by allowing easy access to the lighting instruments for aiming, focusing and the handling of the lighting fixtures, This product can be either installed in permanent fixed positions directly to the I-beam sub-structure of the building, or to any supporting grid
- Certifications : CE
- MECHANICAL** : A special frame maintains a clear separation between the moving parts (mechanical elements in motion), like steel ropes, winding discs, diverter pulleys, load sensor mechanisms) and the electrical components (electrical wiring, motor switch-gears, safety micro switches, electrical and data sockets, travel limit device). The separation of these elements allows maintenance procedures to be performed safely and the electrical components maintained in a clean environment.

STANDARD SAFETY FEATURES

- SAFETY** : Approved by the testing authorities of the European standards. These Standards are directly associated with safety of suspensions systems mounted above an assembly of people. The safety features incorporated into the Canara motorised teleclimber, a dynamic self sustaining worm-gear set motor with DC brake and screw helix angle less than 4 degrees to prevent back winding, two safety micro switches one for the top limit plus an extra emergency safety switch and one for the bottom limit plus an extra emergency safety switch and over load and slack line detection on each wire rope.
- OPERATIONAL** : The Self-Climbing Hoist is capable of lifting a safe working load (SWL) of 140 Kg, plus the self-weight of the hoist, which is based on the travel distance and the optional features incorporated into the hoist. The maximum travel distance is 42 feet /13 meters.

TECHNICAL SPECIFICATIONS

- Electric Motor : 0.5kW / 0.75kW / 1.1kW /1.5kW, 3 Phase AC Motor with DC Brake
- Gear Box : Specially designed single stage worm reduction
- Self Weight : > 145 kg
- Safe Working Load : 80 kg to 140kg
- Max Travel Distance : upto 13 Meter (Higher travel distance will be provided based on request)
- Lift speed : 5 to 7 Meter / Minute (Speed options will be provided based on request)
- Minimum Collapse Height : 1.4 Meter
- Safety : Two safety micro switches for the Top and the Bottom limit, Slack wire safety, Over load protection,
- Lifting rope : 4 Nos 4mm diameter GI ropes
- Finish : Epoxy polyester powder coated in matt texture finish.
- Control : DOL with forward and reverse control (Standard approach)
- Optional Control : VFD / Wireless / HMI / Hand-held Pendant / Soft start-Soft stop.
- Winch Length : 2 Meter to 5Meter (Customizable as per site requirements)

MODELS : TCH-CEE, TCH-IEC, TCH-CPL, TCH-BCH, TCH-CYC CEE, TCH-CYC CPL, TCH-CYC BCH, TCH-CYC IEC, TCH-CD, TCH-ID, TCH-BD, TCH-CPD, TCH-CID, TCH-BID, TCH-CPID, TCH-CB, TCH-IB, TCH-BB, TCH-CPB, TCH-CIB, TCH-BIB, TCH-CPIB