

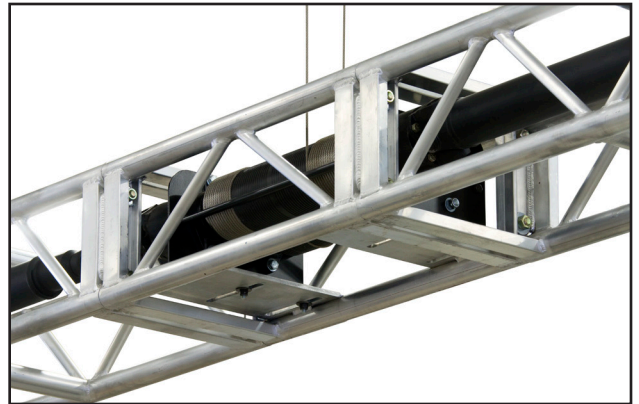
SELF CLIMBING TRUSS



Self-Contained Hoist System

Product Features:

- **Three Phase** 208 volt operation.
- **Helical Gears** totally enclosed in a cast iron gear case provide noise reduction and protection against shock damage.
- **Primary Brake** is spring set, electrically released, integrated motor mounted disc brake.
- **Secondary Brake** is a centrifugal over-speed brake mounted to the drive shaft with engagement indicator, manual reset and electronic system shut down.
- **4-Position Limit Switch** is connected by steel drive chain to the output drive shaft and provides two operational and two over-travel limit positions.
- **Welded Steel Drum** with solid steel throughshaft.
- **Large Diameter Drum** designed to meet theatre industry standards and minimizes wear to the wire rope.
- **Double Compartment Drum** provides redundant lift lines at each drum. Grooved for 3/16 inch wire rope.
- **Herringbone Groove Pattern** allows the wire ropes on each drum to track towards each other while lifting. Alternate left and right hand grooving prevents side travel of load preventing side to side travel while lifting.
- **Idler Drum** provides hoist stability. Grooved for 3/16 inch wire rope.
- **Wire Rope Anchor** is a hole drilled at an angle near the ends of each drum allowing the wire rope to smoothly transition onto the center of the groove.



- **Adjustable Drum Spacing** up to 6 inches within the truss allows fine-tuning of wire rope attachment points. Universal joint drive shaft with slip yoke provides easy installation.
- **Steel Frame** captures both ends of drum shaft for added security. Crossbars on drums prevent wire rope from jumping out of grooves and cross winding.
- **Durable Satin Black Enamel Finish** on winch components. Truss is aluminum finish.
- **Drive Components Fully Enclosed** in box truss provides ease of installation and attaching of loads. 18x12 truss allow for low headroom clearance.
- **Pantograph Cable Management** attachment built in.
- **Standard Controls** are UL rated and include up/down push buttons, keyed on/off selector switches and e-stop.
- **Two-Year Limited Warranty**

Climbing Truss Performance Ratings

Model	Load Rating (lbs)	Load Rating Per Line (lbs)	Drums*	Travel Distance** (ft)	Wire Rope Diameter (in)
CT25	2500	525	4	30	3/16
CT40	3920	875	4	40	1/4

* Standard unit is comprised of 3 drum sections and 1 motor section.

** Distances greater than standard shown are possible. Contact the factory.