



Incline Elevator Specifications - Classic Advantage – CAH860

Model – CAH860 Classic Advantage, Drum Drive

Load Capacity – 860 lb. Capacity

Framework – Galvanized steel posts support the power unit. The galvanized square tubing dimensions are 3½" x 3½" x 3/16". Each post is cemented into the ground.

Rail System – 2" x 5", 11 gauge rectangle tubing, galvanized or painted. The outside rail width is 41½". The railing is assembled on-site and bolted together using Grade 8 bolts and is supported every 10 feet. Rail supports are 2" WT 40 high strength, galvanized pipe driven into the ground. The track system is adjustable.

Spring Buffers – Compliant with ASME A17.1-2016, Section 5.4.10.3.

Carriage – The size of the carriage for this model is 46" x 59". It is built out of aluminum tubing, has 1 bench seat and the floor is made of non-skid aluminum decking. The entire carriage is powder-coated in your choice of 4 colors: Metallic Silver, Charlie Brown, Spartan Bronze or Hunter Green custom colors are also available. There is also a choice of entry/exit designs which include: right or left side entry/exit or wheelchair accessible.

Optional Landing Gates – The dimensions of the landing gates are 40½" long x 42" high. They are built out of aluminum tubing and perforated aluminum and include interlocks which are compliant with ASME A17.1-2016, Section 5.4.2.2. The gates are powder-coated with your choice of 4 colors: Metallic Silver, Charlie Brown, Spartan Bronze or Hunter Green; custom colors are also available.

Cable – The cable used is galvanized aircraft cable. The drum drive cable size is ¼" with a 7,000 lb. breaking strength or 5/16" with a 9800 lb. breaking strength.

Safety Systems – In an over speed condition, an over-speed governor automatically engages the safety brake (a stationary cable brake with a spring dampener or a track brake, depending on system/code requirements) in order to ensure a smooth stop. The slack cable safety system automatically shuts the system down.

Power Unit –

- The Elevator Control Panel is E473065 UL-listed and compliant with current ANSI/ASME elevator codes and has a NEMA 4 waterproof enclosure.
- AC Drive with 3 or 5 HP motor for soft starts and stops.
- Drive System has a 2" Pillow Block bearing and a 2" solid steel axle for the drive system.
- The drum drive is for hills under 130 feet in length.
- Equipped with Slack Cable Control.
- Top Controls feature: up, down, E-stop and lock-out key. Bottom Controls feature: up, down and E-stop.
- Carriage-mounted controls, wireless and remote controls come as a standard feature for up, down and E-stop.
- Travel speed is 70 feet per minute.

Options –

- ADA compliance
- Automatic cab doors
- Carriage canopy with Sunbrella fabric, aluminum or acrylic material
- Carriage/cab lighting
- Conduit for 110 power to lower landing
- Custom carriage designs & colors
- Docking stations for battery charging
- Door interlocks
- Double-cable drive systems
- Landing gates
- Marine rail
- Safety gates
- Self-leveling systems
- Stainless steel rail and cable for saltwater
- Stairway systems
- Trolley covers