

## **Incline Elevator Specifications – Model UBH860**

**Model** – UBH860 Ultra Hoist, Traction 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.

**Track System** – 2" x 3" x 11 gauge rectangle tubing, galvanized or painted. The outside track width is 41½". The track is assembled on-site and bolted together using Grade 8 bolts and is supported every 10 feet. Track supports are 2" WT 40 high strength, galvanized pipe cemented 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 45 5/8" x 60". It is built out of aluminum tubing and the floor is made of non-skid aluminum decking. Door(s) are 32" wide. The entire carriage is powder-coated in your choice of 8 colors: Spartan Bronze, Charlie Brown, Medium Gloss Black, Hunter Green, Designer Beige, Arctic Silver, Sky White, or Statuary Bronze; custom colors are also available at additional cost. There is also a choice of entry/exit designs which include: walk-on/walk-off, right or left side entry/exit, dual door - right and left entry/exit.

**Optional Landing Gates** – The dimensions of the landing gates are 40½" long x 42" high with a 32" wide door. 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 8 colors: Spartan Bronze, Charlie Brown, Medium Gloss Black, Hunter Green, Designer Beige, Arctic Silver, Sky White, or Statuary Bronze; custom colors are also available at additional cost.

**Cable** – The cable used is galvanized aircraft cable. The traction drive cable size is 5/16" with a 9,800 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 –**

- 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 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 Traction Drive system is designed to prevent cable wear and is used for hills over 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 –

- Carriage canopy with Sunbrella fabric, aluminum or acrylic material
- Carriage/cab lighting
- Conduit for 110 power to lower landing
- Custom carriage designs & colors
- Designer carriage (also has option for walk-on/side exit)
- Docking stations for battery charging
- Door interlocks
- Double-cable drive systems
- Landing gates
- Marine rail
- Safety gates
- Self-leveling systems
- Stainless steel track and cable for saltwater
- Stairway systems
- Trolley covers