

Custom Hoists

Custom hoists are available in almost any speed and capacity to meet your specific requirements.

Tell us about your requirements and we'll work with you to develop the hoist you need.

In addition to the hoists shown, here are a few of the types of custom hoists we've built for clients:

- A gantry crane in Bass Hall (Houston, TX) to move a 100,000 lb. (45,359.2 kg) folding acoustic ceiling for rapid changeovers from theatrical use to concert hall mode.
- Hoists to move the 50 ton (45.4 metric ton) proscenium "eyebrow" in the Oklahoma Civic Center Music Hall.
- In Miami's Carnival Center concert hall custom hoists move the massive (130,000 lbs. [58,967 kg]), three-part acoustic canopy to alter sound reflection within the hall.
- Banner hoists to raise and lower acoustic banners in the Omaha Performing Arts Center, Washington D.C.'s Shakespeare Theatre, the San Francisco Conservatory, and many others.
- The Seattle Opera uses a 600 fpm (3 m/s) curtain hoist to ensure the main curtain can clear the proscenium in 6 seconds.
- The Strathmore Concert Hall has 43 custom hoists to move acoustic panels which may be raised, lowered, and tilted side to side and front to back to create a completely configurable acoustic shell.
- A custom chandelier in the Winspear Opera House consisting of 318 internally illuminated rods forming a 40' high (12 m) and 40' (12 m) diameter lighting fixture that retracts into the ceiling.

Ordering Information

We're pleased to provide you with quotes for our hoists. Please provide the following information:

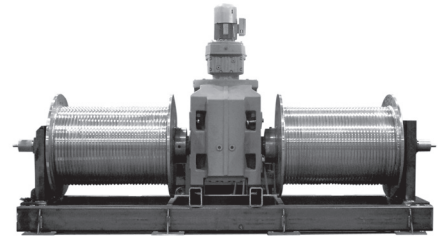
- Capacity
- Speed (fixed or variable speed, feet per minute [meters per second])
- Travel
- Number and diameter of lift lines
- Any special requirements
- Hoists require 3 phase power at 208, 230, or 460 VAC. Please confirm voltage at time of ordering (380 and 575 VAC and 50 Hz hoists are available for international projects).

Configurations

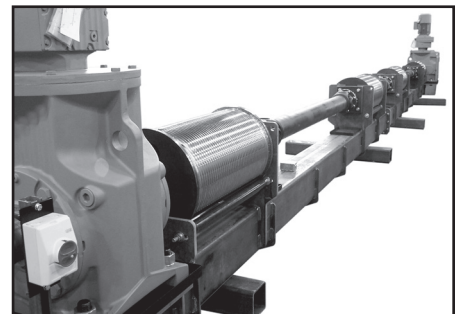
- Single-Line Drum Hoists
- Multi-Line Drum Hoists
- Line Shaft Hoists
- Pile-up/Yo-yo Hoists
- Custom Stage Machinery

Options

- Overspeed and load brakes
- Keeper rollers
- Dual drums
- Load cells
- Slack line detector
- Position encoder
- Cross groove detector
- Additional limit switches



**Dual Drum Hoist with
3 fpm (.015 m/s),
13,500 lbs. (6,123 kg) lifting capacity**



**Custom hoist with
34,000 lbs. (15,422 kg) lifting capacity**



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