

ETC RIGGING

Motorized Rigging Systems

Safer, Smarter and More Affordable



Who we are at ETC

- Entertainment technology experts for 35 years
- Award-winning innovations in control system technology
- Acclaimed reputation for product quality and 24/7 customer support





ETC Rigging

Reduces Safety Hazards and Structural Costs

Prodigy[®] Fixed Speed Hoists



QuickTouch[™] Control System



Rigging Problems – Prodigy Solutions

User Safety

In traditional counterweight systems students must often:

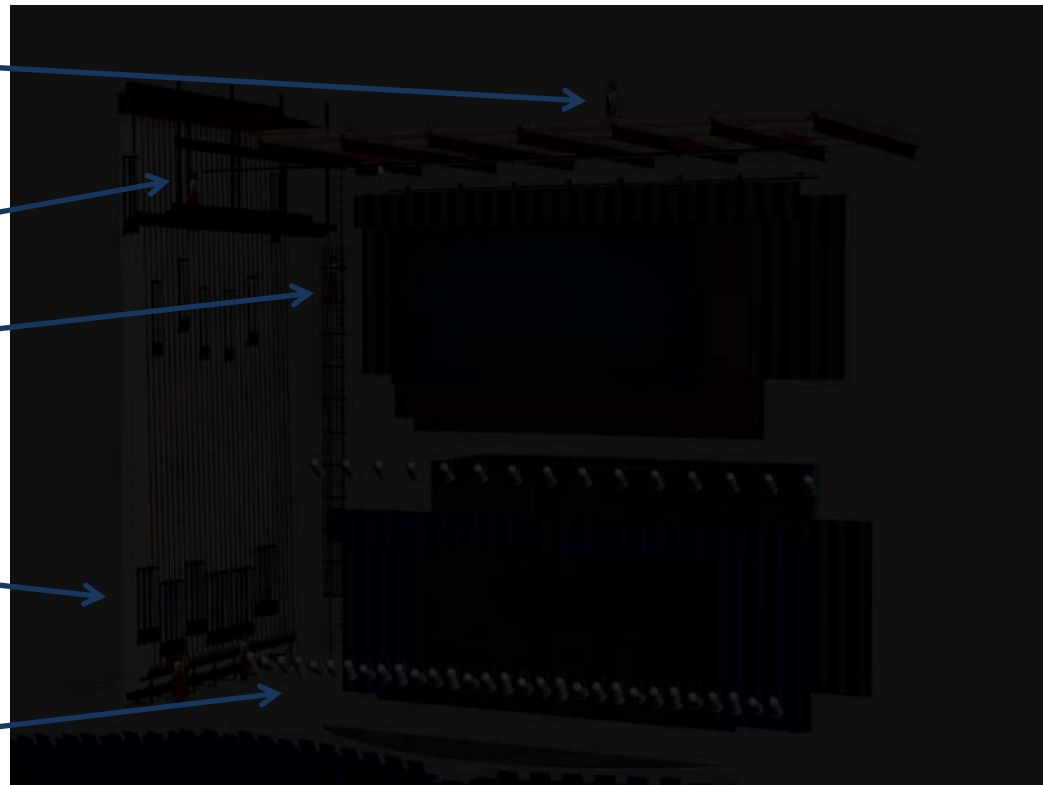
Work high
in the air

Load weights over
others' heads

Climb ladders

Balance
dynamic loads

Work with
heavy electric
battens





Rigging Problems – Prodigy Solutions

User Safety

With Prodigy hoists, many safety hazards are eliminated:

Loads are balanced immediately

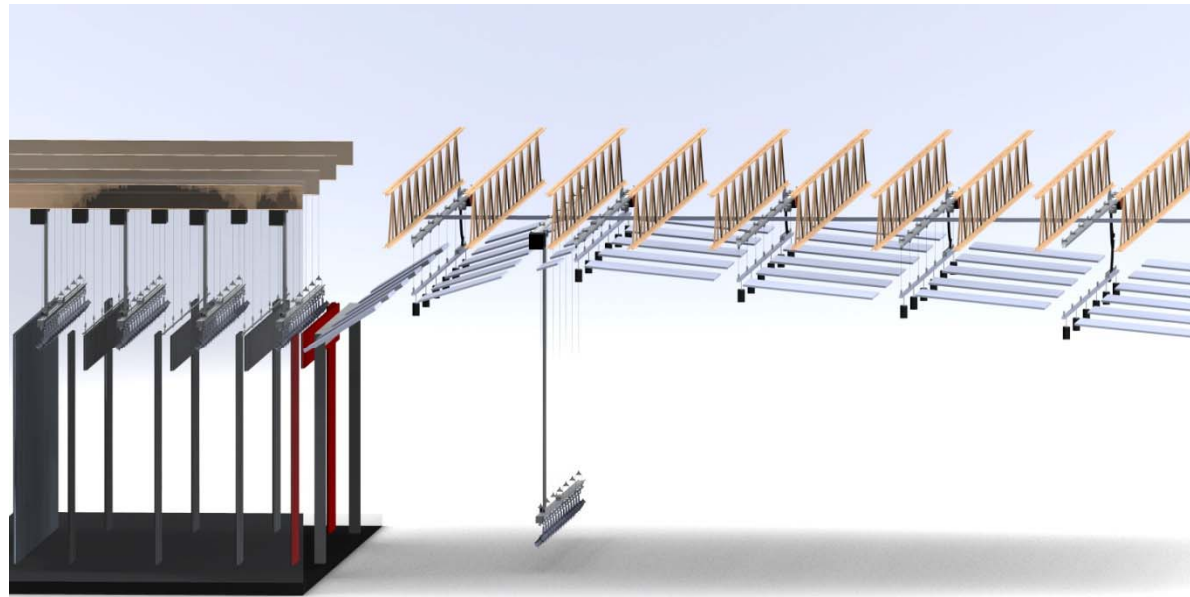
Eliminates heavy weights and loading platforms

No need to climb to unsafe heights

Electric batters no longer need counterweight

balancing
Batten travels

down to the user



Rigging Problems – QuickTouch Solutions

User Safety



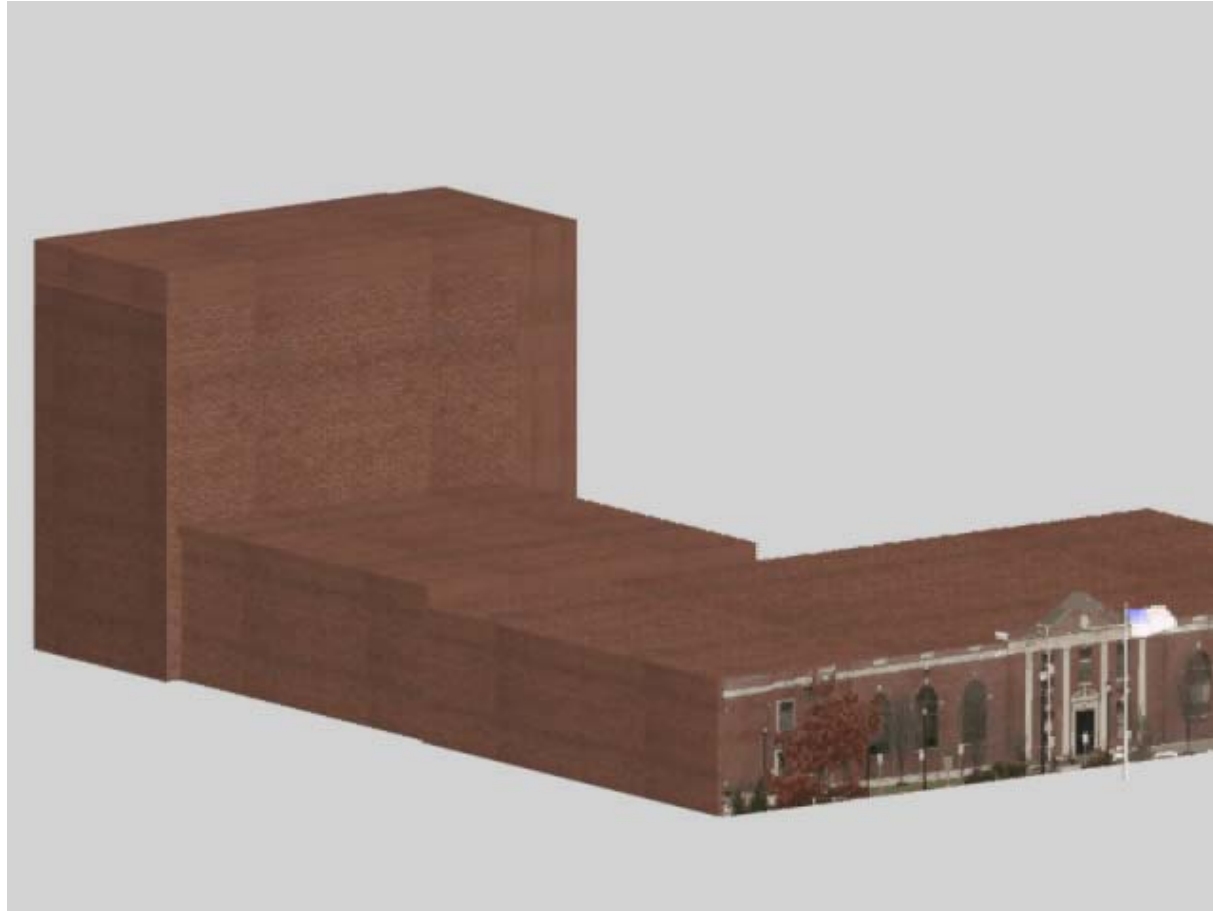
QuickTouch Control System provides:

- Automatic self-tests on startup and every 30 days
- Load profiling for enhanced load monitoring
- Annual maintenance reminders
- Status and stop condition reporting

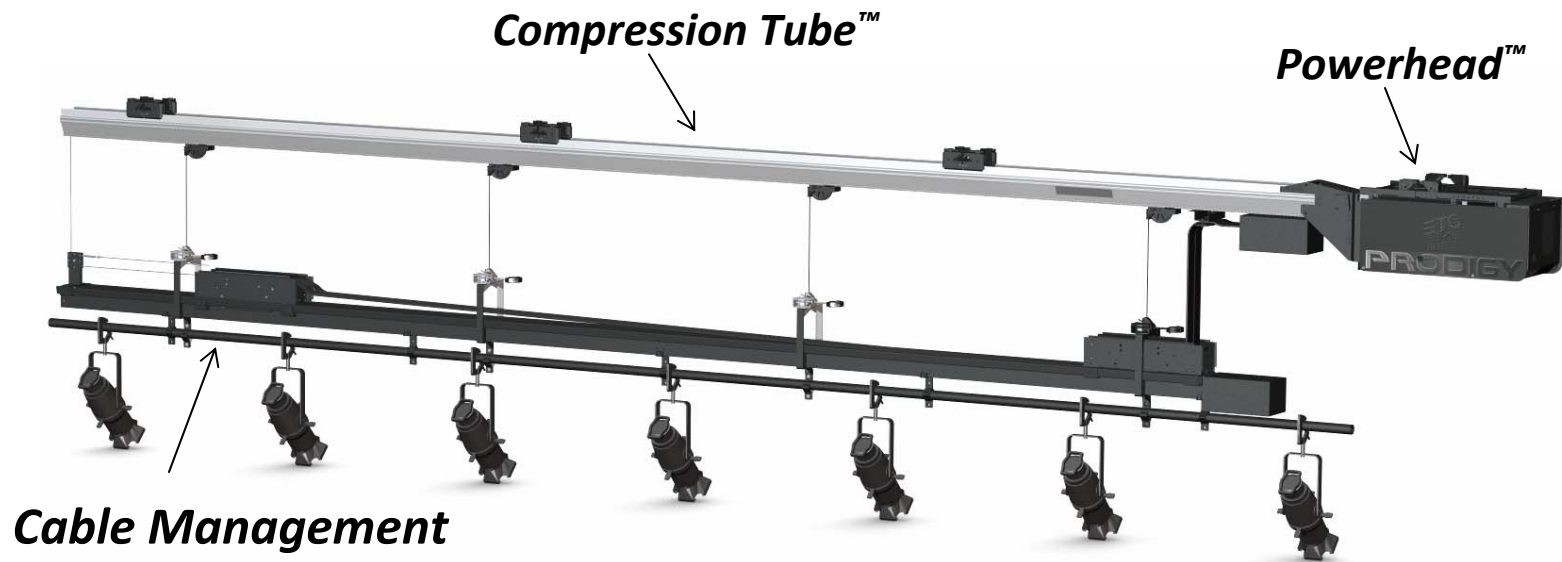


Rigging Problems – Prodigy Solutions

Structural Costs



Prodigy[®] Fixed Speed Hoists



- Designed for venues under 50' height
- Versatile and compact due to innovative new technology

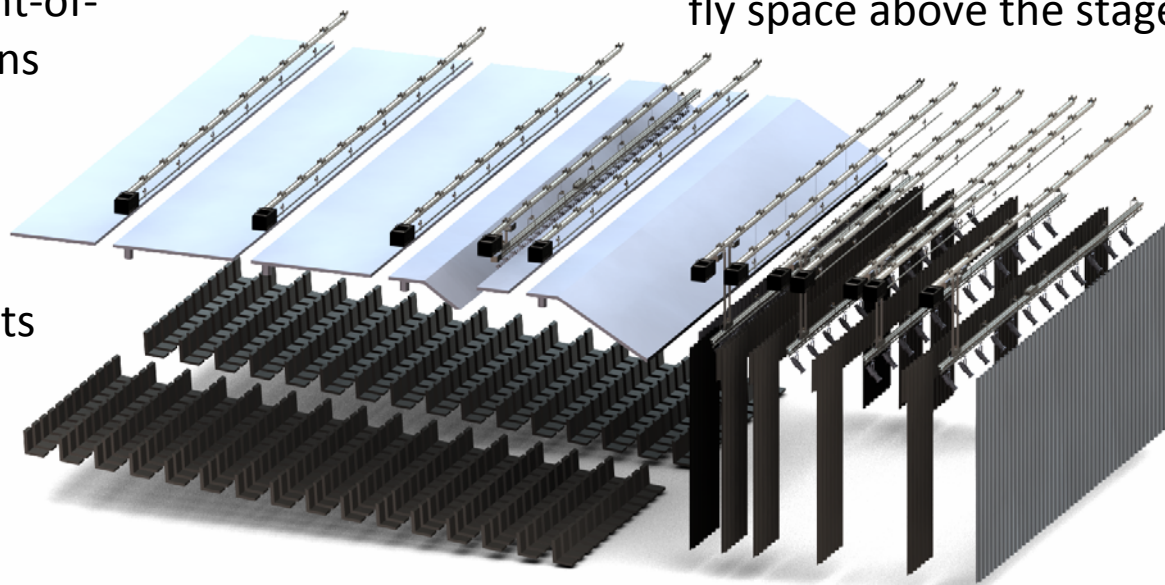


Rigging Problems – Prodigy Solutions

Structural Costs

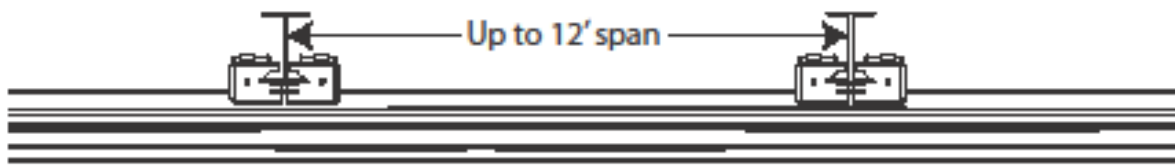
A 30" retracted height reduces building height at front-of-house lighting positions

Prodigy hoists reduce required fly space above the stage



Safer, cheaper re-lamping of houselights

System has flexible placement points on existing steel reducing the total number of support beams



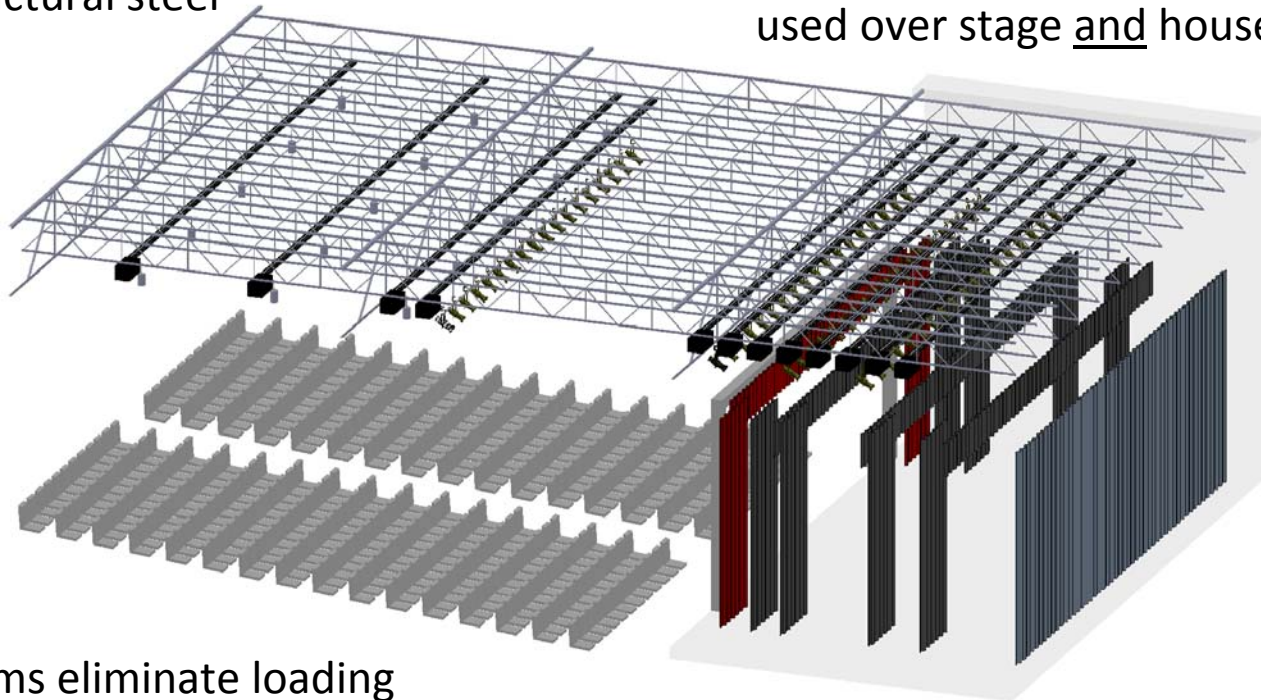


Rigging Problems – Prodigy Solutions

Structural Costs

Compression Tube does not impose lateral forces saving on structural steel

Installs on bar joists and smaller steel supports - same steel can be used over stage and house

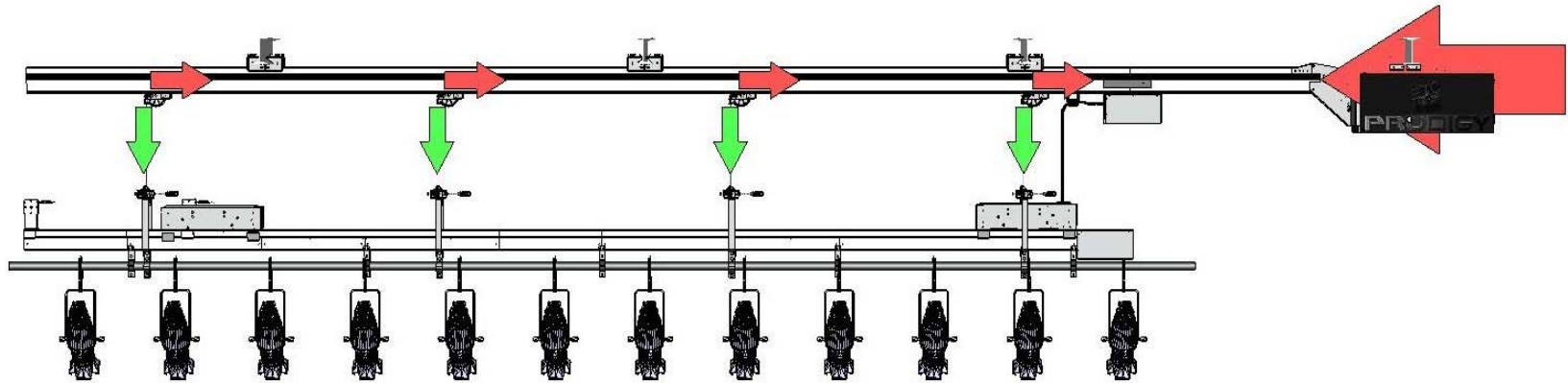


Prodigy systems eliminate loading galleries, access ladders or stairs, full grids, weights, arbors, and T-bar walls

Rigging Problems – Prodigy Solutions

Structural Costs

The downward force of the load is absorbed by the Compression Tube as it pushes against the Powerhead.



The force of the Powerhead pushes back against the Compression Tube canceling any resulting forces and eliminating the need for additional support steel.



ETC Rigging Applications

ETC Rigging Systems are versatile solutions for a variety of venues

Academic

- Elementary Schools or Gymatoriums / Cafetoriums
- Middle Schools or High Schools
- Colleges and Universities

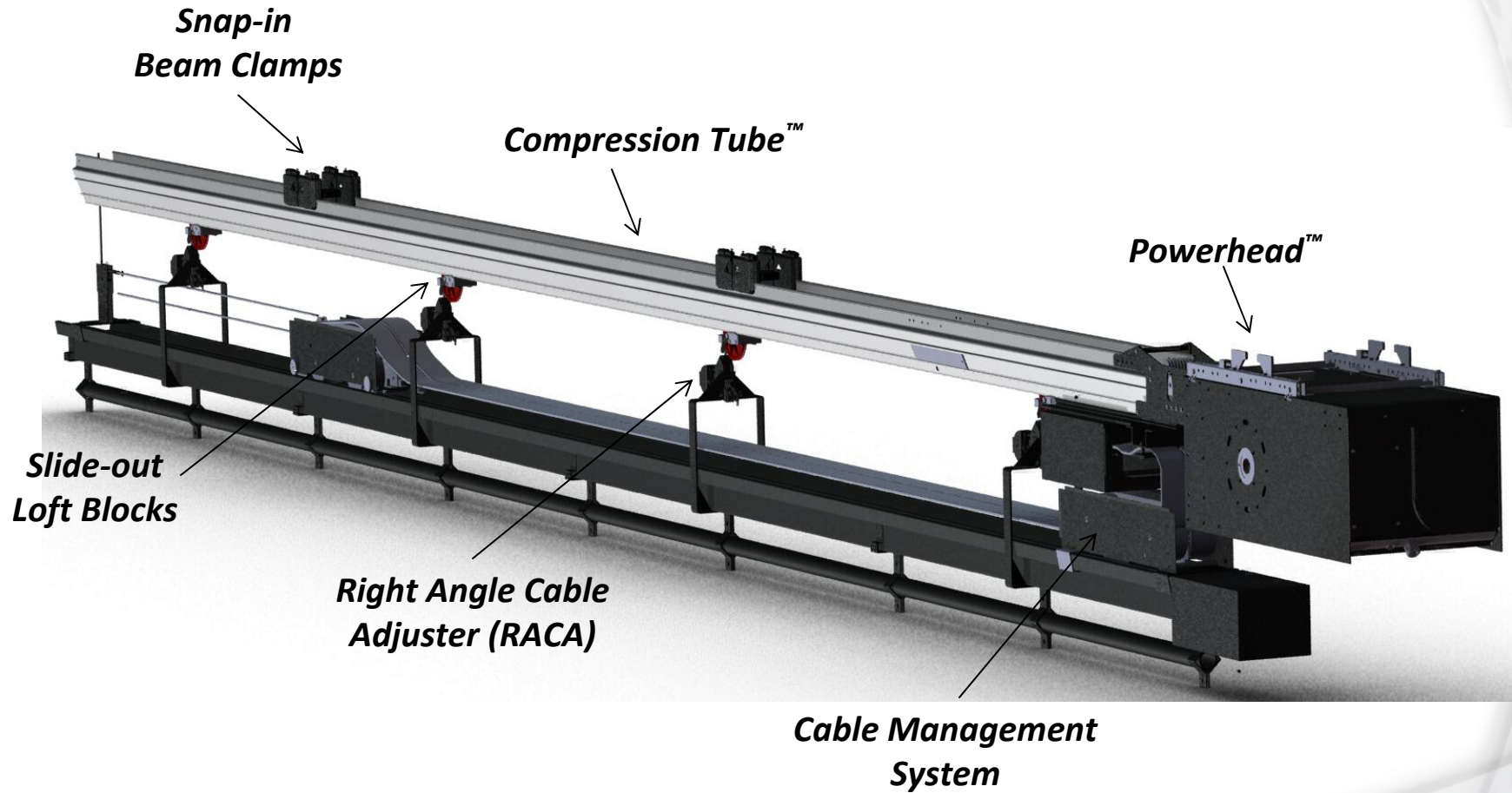
Houses of Worship

- Sanctuary / Pulpit / Choir Lighting

Architectural Venues

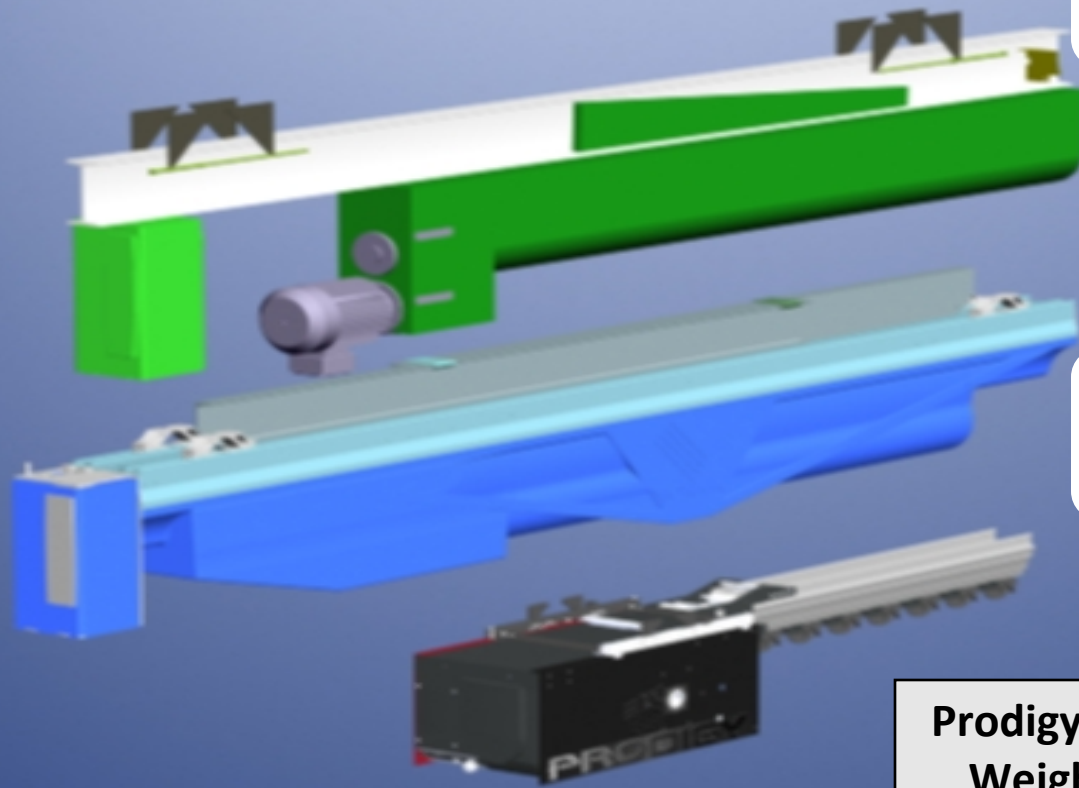
- Lobbies and Atriums
- Museums
- Malls and Convention Centers

Prodigy Fixed Speed Hoists



Prodigy Powerhead

Smaller and lighter



PowerLift® - 13' 9" LONG
Weighs 750 - 800lbs
Handles up to 8 lines

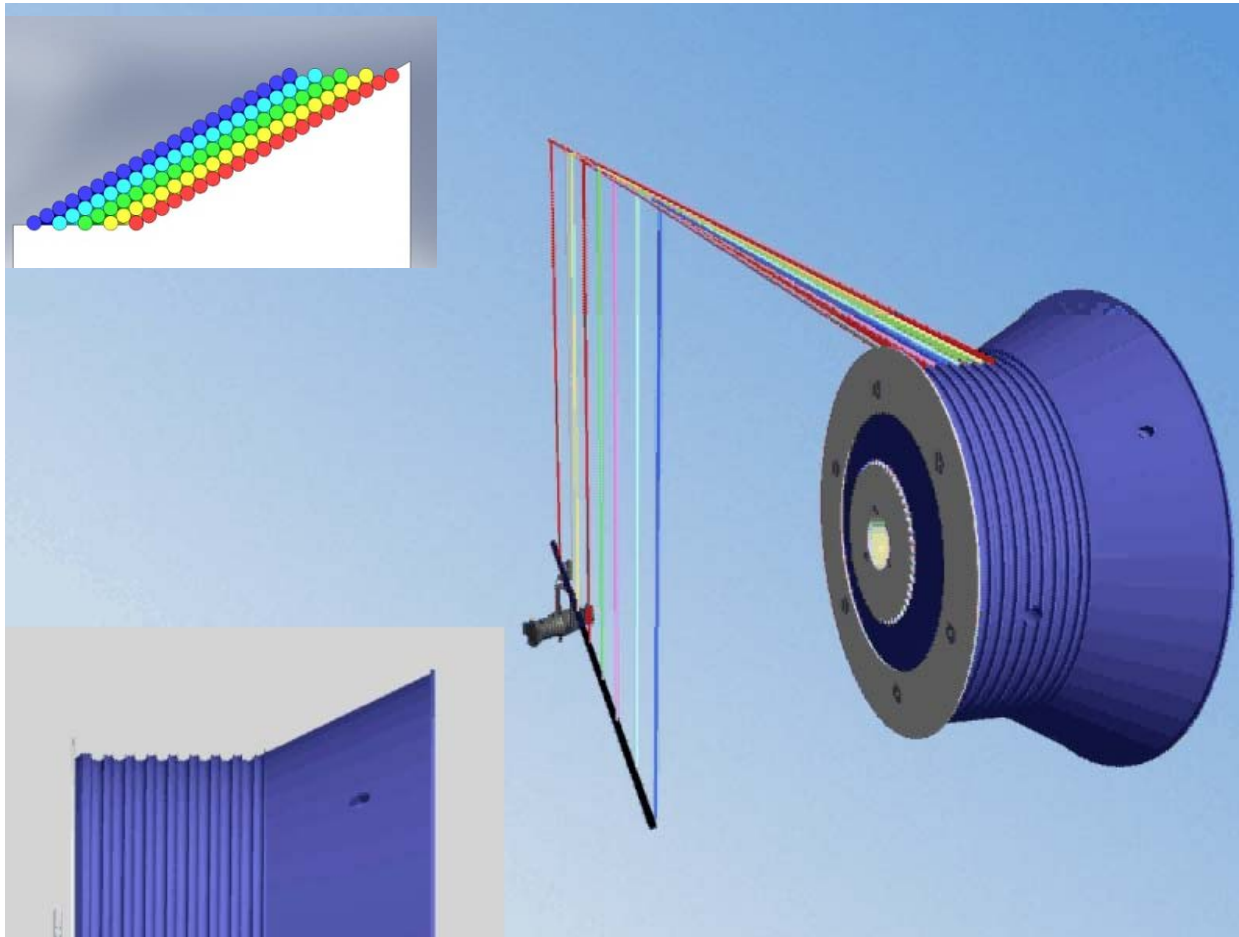
Vortek® - 12' 8" LONG
Weighs 650 - 750lbs
Handles up to 7 lines

Prodigy® - only 4' LONG
Weighs 250 - 400lbs
Handles up to 8 lines



Prodigy Powerhead

Hybrid Progressive Sloped Drum



- Can handle up to **eight lift lines** with **50' travel**
- **Innovative:** Wire rope stacks between the cable of the previous row



Prodigy Powerhead

Dual Braking System

Powerhead features a redundant dual braking system:

- **Primary Brake** - An electric motor disc brake
- **Secondary Brake** - A load-side brake

Compression Tube

Benefits

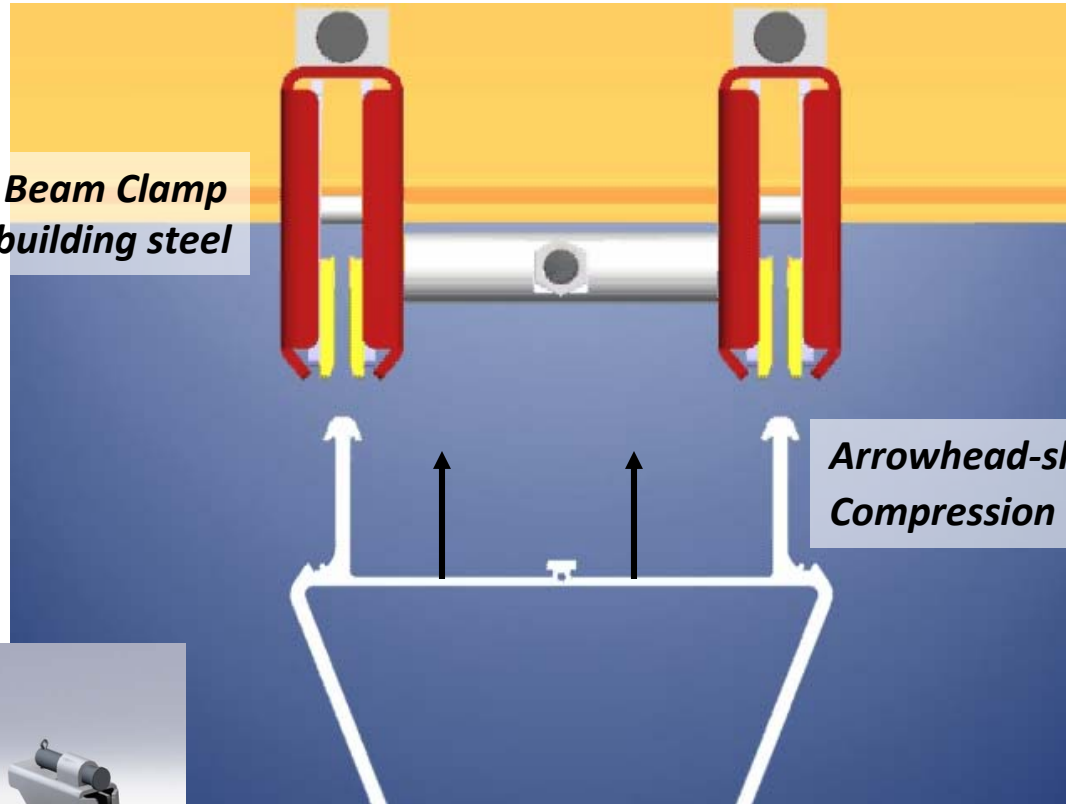
- Eliminates lateral loads imposed on the building structure by the rigging system. This reduces structural requirements allowing standard, less expensive steel to be used.
- Flexible beam clamp spacing superior to other systems.
- Flexible loft block placement along the length of the compression tube.
- Loft blocks are pre-strung and pre-wound on reels to be dropped into place. Cuts installation time dramatically.



Compression Tube

The Compression Tube snaps into beam clamps attached to support steel

Side view of Beam Clamp attached to building steel



Arrowhead-shaped Compression Tube wall

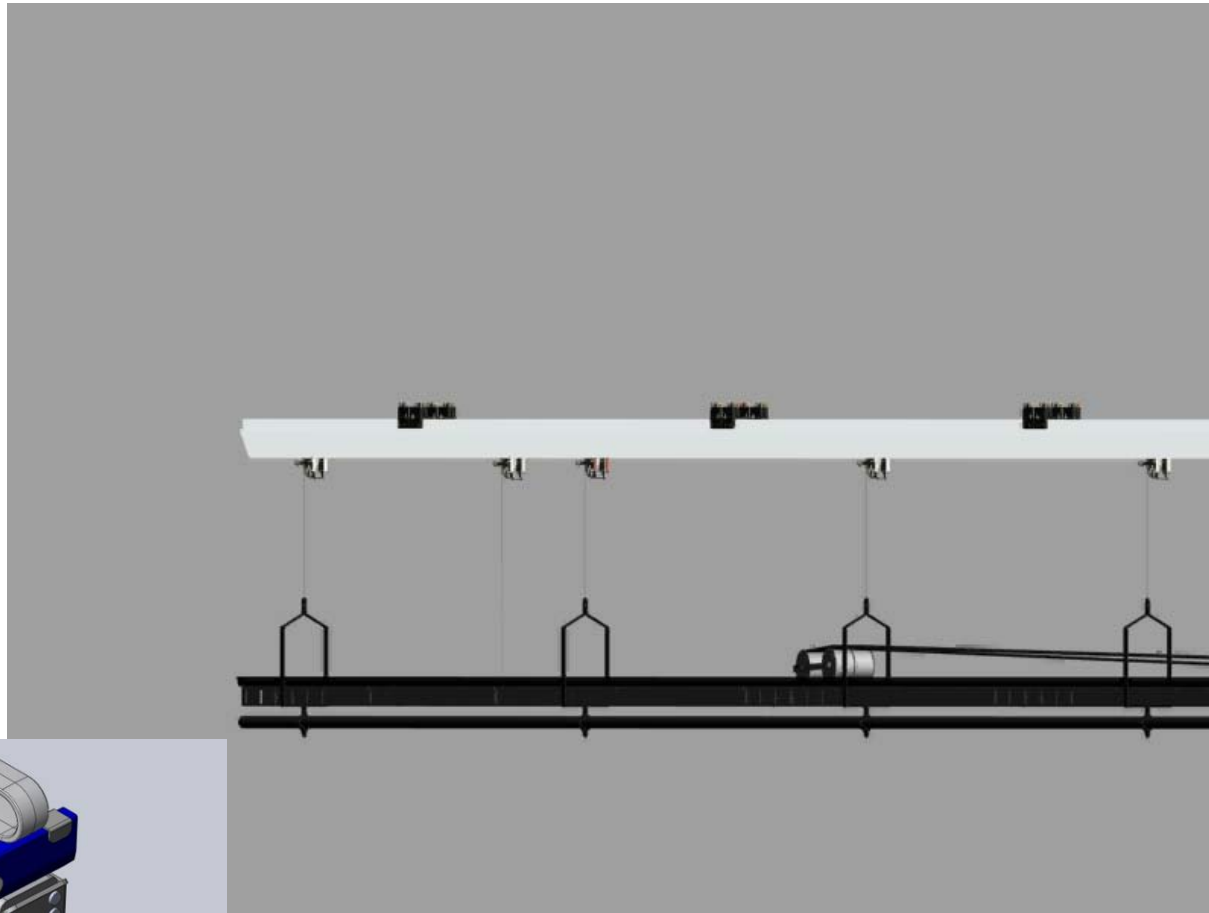
Beam clamp



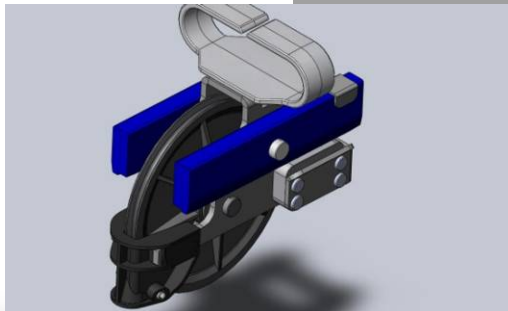


Compression Tube

Flexible loft block placement



Loft block



Cable Management System

Benefits

- Perfect solution for front-of-house lighting positions
- Allows entire hoist system to retract to just 30 inches with up to 48 lighting circuits
- Adjust lift lines using the Right Angle Cable Adjuster (RACA) saving considerable installation time

Cable Management System

Ideal for front-of-house applications or schools where there is minimal ceiling height over the stage.

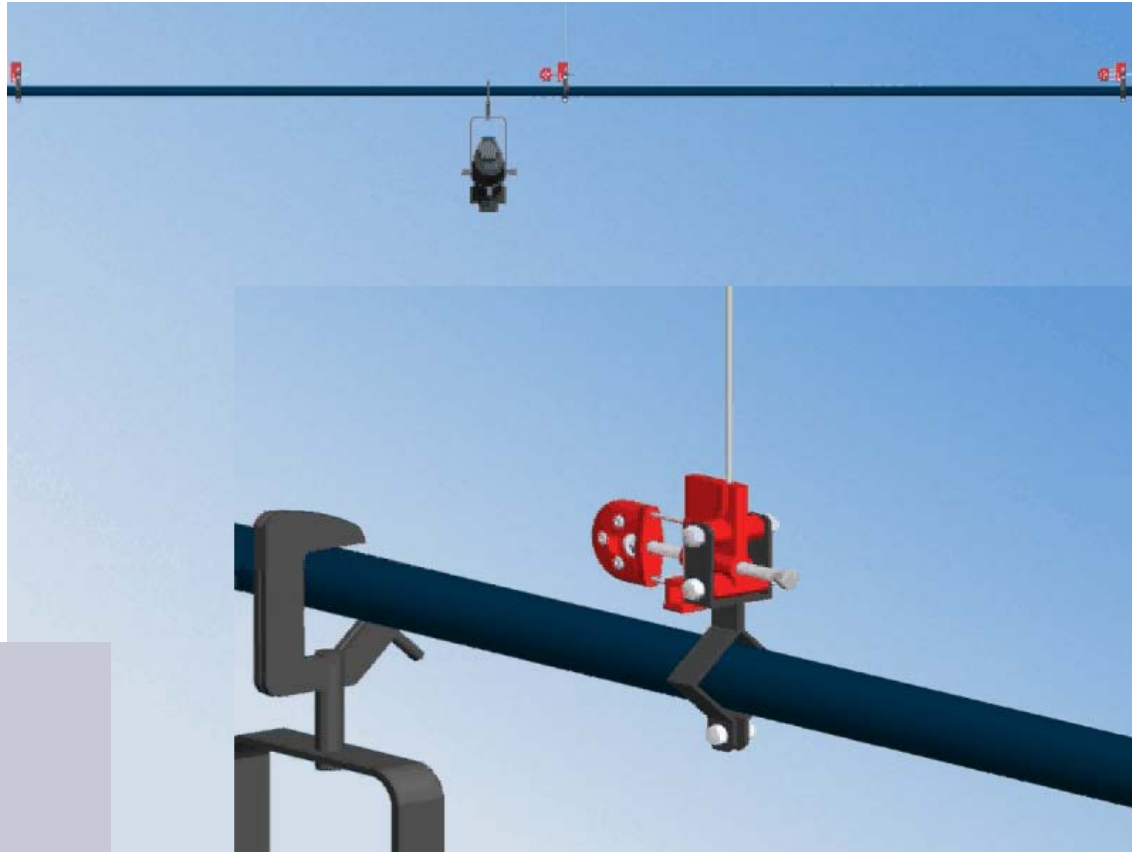




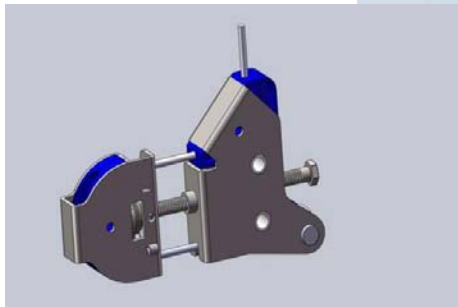
RACA

(Right Angle Cable Adjuster)

Allows 6" of height adjustment and saves 17" of height.



RACA



QuickTouch Overview



- 5 available models
- External E-stops
- User-friendly interface

QuickTouch Control System

Superior Control and Reporting

No system at this level offers so many features.



- Extremely user friendly
- Self-test safety checks
- Load profiling
- Numerous safety features
- Keyswitch activation prevents unwanted users
- Emergency Stop circuit
- Handheld remote available
- All hoists controlled by a single CAT5 wire run



Thank you for your time