



# Rigging for Your Theatre

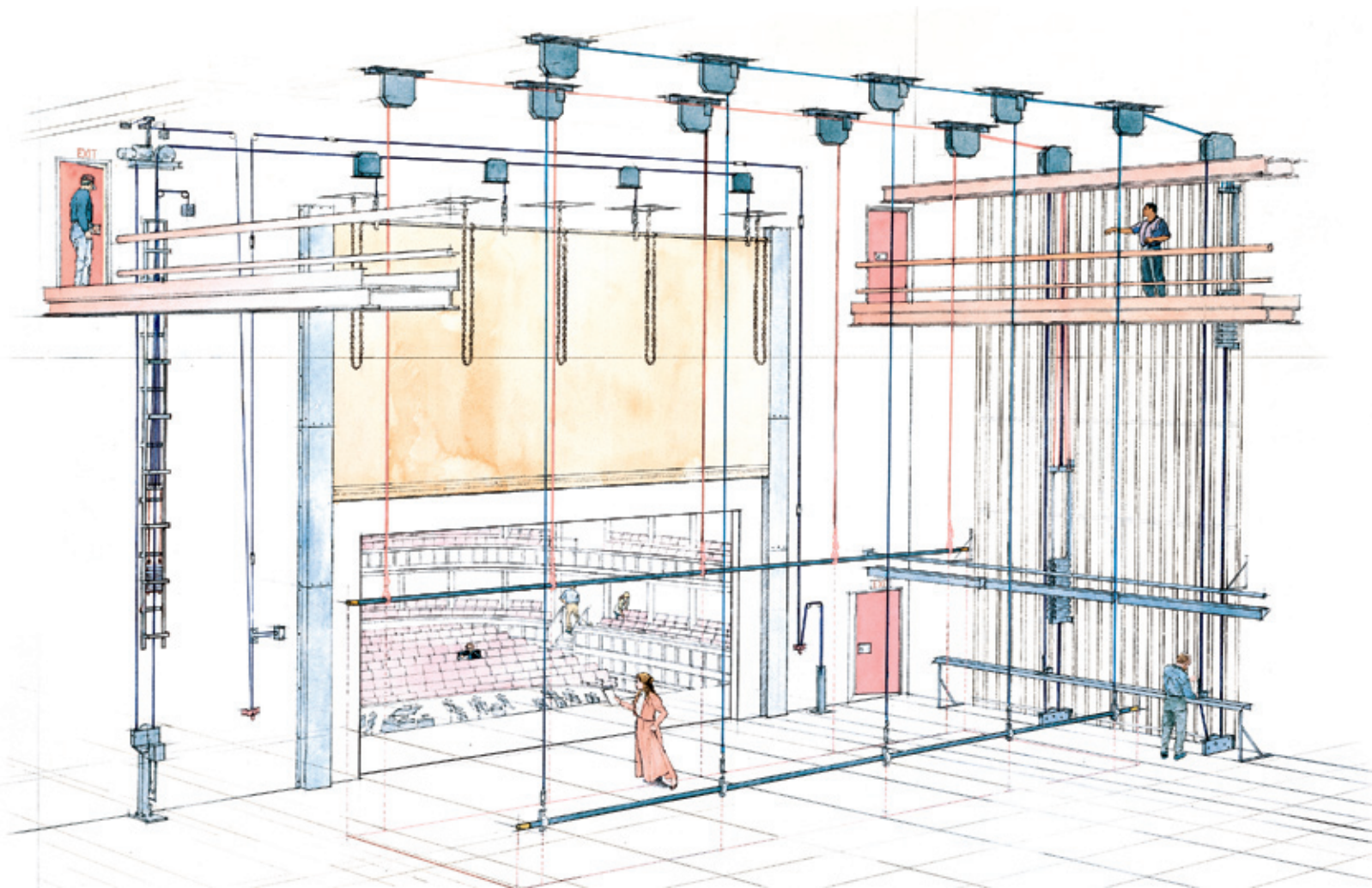
**Motorized, manual, and mixed rigging systems to fit  
your performance, site, and budget requirements**

# Why do we need rigging?

**Rigging is an essential backstage tool for every theatre.** It closes curtains and moves scenery, allowing dramatic set changes and other spectacular effects. Rigging also provides safe access to overhead lighting and equipment, eliminating the need for students to climb ladders for maintenance.

There are two main types of rigging: **automated and manual**. Each offers unique benefits. In many cases **mixed systems** are the best solution, utilizing the advantages of both.

Whether your theatre is in a middle school or a major performing arts center, J.R. Clancy has the right rigging system to meet your project's performance, site, and budget needs. Contact us today to ensure the planning and installation of your theatre's rigging system is hassle-free, and gets a standing ovation of its own.



## AUTOMATED RIGGING

### **Intuitive Controls — Safety — Ease of Use**

In the past, automated rigging was built on a customized basis. Understandably, it was only affordable for major performing arts centers. That meant smaller theatres with limited budgets had no choice but to install rigging systems that involved pulling on ropes to counter-balance scenery with sand bags or steel weights.

Now, automation systems are built in quantity as standard products, with a range of speeds, capacities, mounting options, and control systems that fit the needs of most theatres. This makes motorized rigging practical for every theatre — from middle schools to universities.

J.R. Clancy offers the safest, most reliable automated rigging systems in the industry. Our SceneControl® 500 console allows every action to be pre-programmed effortlessly on a 3D touch screen menu showing your theatre's unique backstage elements. That means movements can run predictably at every performance and be viewed on screen as they are happening. For extra safety, all components are industrial grade, and a live operator must be at the control for any motion to take place.

A full range of other control systems are also available, including push button and remote hand held units.

## MANUAL RIGGING

### **Traditional Counterweighted Operation**

Manual rigging systems have been in use for over 80 years. They're based on balancing a load with steel counterweights and pulling ropes to initiate movements. A loading gallery is a necessity for loading and unloading the counterweights.

If balanced properly and used correctly by trained operators, counterweight rigging can be a cost effective solution. While affordable, they also require the most manpower, training, and skill to operate.

## HYBRID SYSTEMS

### **The Best of Both Worlds**

A mix of automated and manual equipment may be the best fit for some projects. One of the most economical ways to add automation to a counterweight system is with J.R. Clancy's PowerAssist.®

PowerAssist allows push button control of new or existing manual sets. These hoists are frequently used for lighting, to eliminate the need to re-balance counterweights when students remove or hang lamps on the batten. PowerAssist controls the out-of-balance load, so there is no need to handle counterweights.

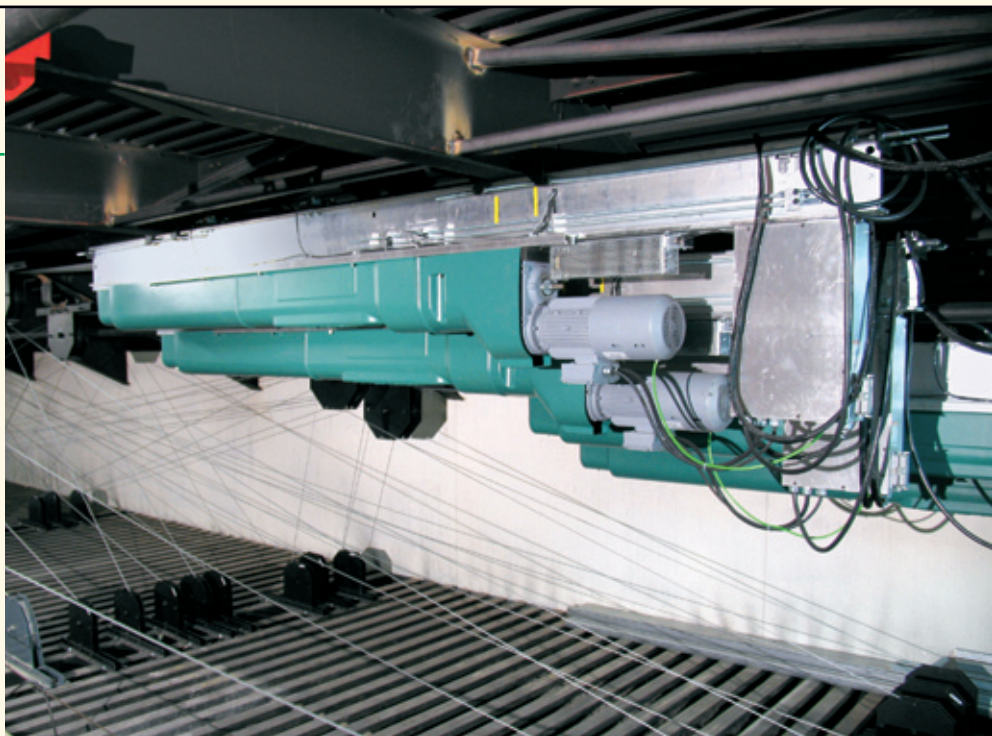
If you're interested in hybrid rigging, we can help you plan a system that fits your theatre's budget and performance requirements.

### **The Conservatory, Mount Royal College Calgary, Alberta**

Mount Royal College has a long history of training performers and technicians. PowerLift® hoists and a SceneControl 500 console were chosen in a recent renovation.

*“Staying on top of technology is critical for technical theatre students. Broadening the scope of available technologies ensures students are not brought up only in the past, and are open to developing technologies.”*

*Ab O’Neil  
Manager, Conservatory Support*



### **Groton High School Groton, Massachusetts**

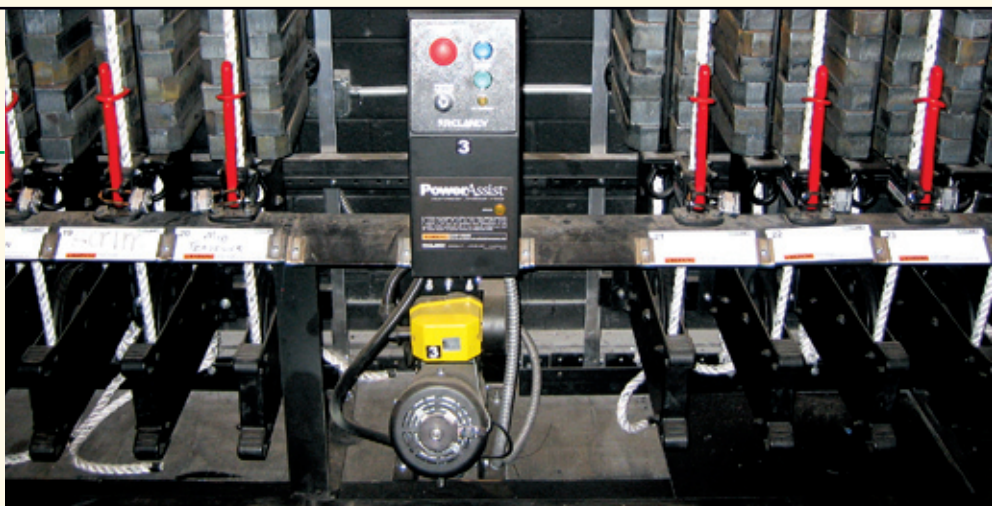
Graham Gund Architects, Inc. chose a traditional counterweight system with 46 rigging sets and a motorized fire safety curtain. Using manual rigging enabled Groton High School to afford the large number of sets they desired for their theatrical needs.



### **Juan Diego High School Draper, Utah**

*“The PowerAssists are easy for the students to use, and they give us a lot of confidence in their operation.”*

*Steven Pay  
Drama Director, Juan Diego High School*

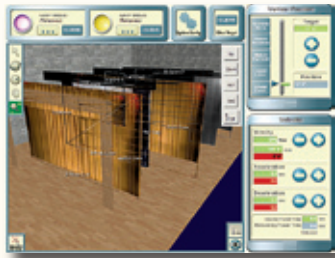


# Behind the Scenes with Automated Rigging

## SceneControl® Touch Screen Console

### **Reliable, Versatile, Affordable**

The SceneControl 500 uses 3D graphics to show your facility in a familiar manner. The displays are easily understood, giving the operator the ability to work confidently. Users can make simple manual moves for setup, or create cues with multiple items moving at different speeds and targets for dramatic effects.



The easy to understand graphics allow confident, intuitive operation of your automated rigging.

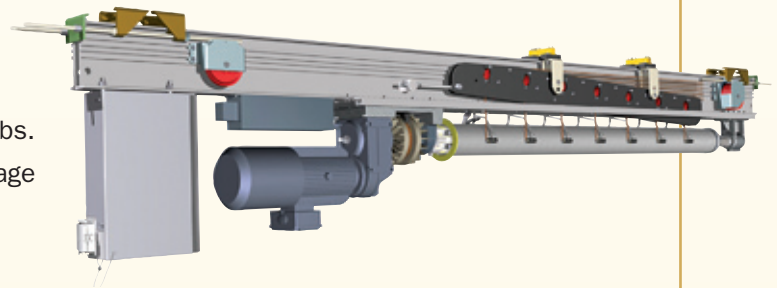


Previews of each action let you know what will happen before you press the "Go" button.

## PowerLift® Hoists

### **Dependable, Economical, Quiet**

- Speeds up to 180 fpm, capacities to 2000 lbs.
- Vertical or horizontal mounting, to fit your stage
- Maintenance access required



## Rigging Packages Available

To simplify the design and specification process, we offer several rigging packages. Each includes a stage layout, explanation of its benefits, and bill of materials. Basic AutoCAD drawings and a specification in CSI format are also available.

Join the list of  
thousands of J.R. Clancy  
motorized rigging users!

### **School, University, and Regional Theatres**

**Alden Theatre, McLean, VA**

**Aurora Theatre, Lawrenceville, GA**

**George Mason University, Fairfax, VA**

**Mount Royal College, Calgary, Alberta**

**Canyon Crest Academy, San Diego, CA**

**Walter Johnson High School, Bethesda, MD**

**Booker T. Washington High School, Dallas, TX**

**Culbreth Theatre, University of Virginia,  
Charlottesville, VA**

**Glens Falls High School, Glens Falls, NY**

**Centennial Middle School, Provo, UT**

### **Professional Theatres**

**Music Center at Strathmore, North Bethesda, MD**

**Disney Cruise Lines**

**U.S. Naval Academy, Annapolis, MD**

**Teatro Mexico, Quito, Ecuador**

**Queen Elizabeth Theatre, Vancouver,  
British Columbia**

**Lyric Opera, Chicago, IL**

**Palacio Sarrea, Portimao, Portugal**

**Hanna Theatre, Cleveland, OH**

## Experience

Since 1885, J.R. Clancy has been designing, manufacturing, and installing theatre equipment throughout the world. We work on projects of every size, from high schools to major performing arts centers, cruise ships, and opera houses. In addition to rigging systems for schools, we manufacture fire curtain systems, acoustic shells, and custom systems to meet customer needs of all levels.

## Quality

We deliver results that are on time, on budget, and done right the first time through a company-wide dedication to your satisfaction. Meeting our customer's expectations has led us to develop a quality management system certified as meeting the rigorous ISO 9001:2000 standard. We're the only North American rigging manufacturer to make this commitment to you.

## Innovation

From the invention of the self closing fire curtain in 1904 and the development of modern counterweight rigging in the 1920's, to the introduction of the first standardized winch systems in the 1960's, J.R. Clancy has been the innovator in theatrical rigging systems. In 2006, our SceneControl® console and PowerLift® hoists brought affordable motorized rigging to schools and other theatres around the world. Our innovations are based on your needs melded with a over a century of experience and the largest stage equipment engineering department in the U.S.



**Design, Manufacture and Installation  
of Theatrical Equipment Worldwide**

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