

# Key Projects

Since 1885 we've completed thousands of projects tailored to meet the unique needs of individual theatres, concert halls, arenas, television studios, casino showrooms, and even cruise ships. In fact, we've installed complete rigging and staging systems for some of the best known venues on five continents.

The recent projects highlighted for you on the following pages illustrate work currently in progress or completed in the past five years.



## Whitney Hall, Kentucky Center for the Arts

*Louisville, Kentucky*

*Architect:* Godsey & Associates

*Consultant:* (Theater) Westlake, Reed, Leskosky

*Contact:* Darryl Ziegler

*Consultant:* (Acoustical) Carl Geigold

*Owner:* Commonwealth of Kentucky

*Contractor:* Sullivan Cozart

*Contract:* \$1,889,050

*Completion:* 2011

*Scope of Work:* Replace 32 hydraulic hoists with electrically powered line shafts, capacities 4,500 to 12,000 lbs. with J.R. Clancy SceneControl® 500 console.



## The Palladium

*Carmel, Indiana*

*Architect:* David M. Schwarz Architects

*Consultant:* Artec Consultants

*Contact:* Chris Darland

*Owner:* City of Carmel, Indiana

*Contractor:* Shiel Sexton Co., Inc.

*Contract:* \$7,515,800

*Completion:* 2010

*Scope of Work:* A 1,600 seat concert hall with extensive variable acoustical elements. Four 23,000 lb. capacity hoists for glass acoustic canopies, 11 high capacity hoists for speaker clusters, lighting equipment, forestage lift, large system of manual and motorized acoustic drapes, and a control system.



Design, Manufacture and Installation of Theatrical Equipment Worldwide

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## **Kauffman Center for the Performing Arts**

*Kansas City, Missouri*

*Architect:* Moshe Safdie and Associates  
*Consultant:* Theatre Projects Consultants  
*Contact:* Michael Nishball  
*Owner:* Kauffman Center for the Performing Arts  
*Contractor:* JE Dunn Construction Company  
*Contract:* \$6,279,970  
*Completion:* 2011

*Scope of Work:* An 1,800 seat proscenium theatre and a 1,600 seat concert hall for the Kansas City Ballet, Lyric Opera, and Kansas City Symphony.



## **AT&T Performing Arts Center, Winspear Opera House**

*Dallas, Texas*

*Architect:* Foster and Partners, London  
*Consultant:* (Theater) Theatre Projects  
*Contact:* Jules Lauve  
*Consultant:* (Lighting) Claude Engle Design  
*Contact:* Claude Engle  
*Owner:* The Dallas Center for the Performing Arts  
*Contractor:* Linbeck Construction  
*Contract:* \$6,492,625  
*Completion:* 2010

*Scope of Work:* 85 counterweight sets, 16 point hoists (0 – 400 fpm), steel framed fire curtain, speaker cluster hoists, curtains, curtain tracks, and chain hoists.

A custom chandelier consisting of 318 internally illuminated rods, forming a 40' high and 40' diameter lighting fixture that retracts into the ceiling.



## Hanna Theatre

*Cleveland, Ohio*

*Architect:* David M. Schwarz Architectural Services Inc.  
*Consultant:* Westlake, Reed, Leskosky  
*Contact:* Darrell Ziegler  
*Owner:* PlayhouseSquare District Development Corporation  
*Contractor:* Turner Construction  
*Contract:* \$2,193,958  
*Completion:* 2008

*Scope of Work:* Renovation of a 1921 touring house, including a complete replacement of the rigging system. The new automated rigging provided by J.R. Clancy includes 48 PowerLift® hoists, a SceneControl® 500 console and three high speed lifts.



## Cobb Energy Performing Arts Centre

*Atlanta, Georgia*

*Architect:* Smallwood, Reynolds, Stewart, Stewart & Associates, Inc.  
*Consultant:* Theatre Projects Consultants  
*Contact:* Michael Nishball  
*Owner:* Cobb-Marietta Coliseum and Exhibit Hall Authority  
*Contractor:* Hardin Construction  
*Contract:* \$2,048,270  
*Completion:* 2007

*Scope of Work:* 100 counterweight sets, high speed house curtain, two speaker cluster hoists, stage lift, wagons, variable acoustics, and a J.R. Clancy Shamrock 2500 controller.



## Shakespeare Theatre

*Washington, DC*

*Architect:* Diamond and Schmitt Architects  
*Consultant:* Fisher Dachs Associates  
*Contact:* Joe Mobilia  
*Owner:* Shakespeare Theatre Company  
*Contractor:* Clark Construction  
*Contract:* \$2,075,586  
*Completion:* 2007

*Scope of Work:* The theatre's transformable interior can be configured into a proscenium, thrust, semi-arena or bare stage. J.R. Clancy provided a proscenium arch that can change size, or be flown out of sight and stored in the fly space. The first five rows of seats are on two wagons with air bearings, allowing them to be moved. A large demountable trap system, acoustical reflector, 50 counterweight rigging sets, and rope rigging were also provided.



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## Arsht Center for the Performing Arts

*Miami, Florida*

*Architect:* Cesar Pelli & Associates, Inc.  
*Consultant:* Fisher Dachs Associates  
*Contact:* Joe Mobilia  
*Owner:* Performing Arts Center of Greater Miami  
*Contractor:* Performing Arts Center Builders  
*Contract:* \$7,827,288  
*Completion:* 2006

*Scope of Work:* **Concert Hall:** A comprehensive variable acoustic system allows the hall to be “tuned” for different performances. The system includes 84 concrete reverberation chamber doors (weighing 322 tons), 56 acoustic curtains, a three part adjustable canopy (weighing 51 tons), speaker cluster hoists, and automation controllers for all these systems.

**Ballet/Opera House:** 90 counterweight rigging sets, motorized light bridge and ladders, house curtain and 36 motorized acoustic curtains, four motorized scenery wagons and three lifts.

**Studio:** Wire grid, and curtain tracks.



## Segerstrom Hall, Orange County Performing Arts Center

*Costa Mesa, California*

*Architect:* Pelli Clarke Pelli Architects / Gruen Associates  
*Consultant:* ARTEC Consultants, Inc.  
*Contact:* Patrick Barrett  
*Owner:* Orange County Performing Arts Center  
*Contractor:* Fluor Enterprises  
*Contract:* \$9,420,260  
*Completion:* 2006

*Scope of Work:* 245 movable acoustic elements allow the concert hall to be tuned for a broad range of performances. Three movable ceilings, with a total weight of 168,000 lbs., shape both the appearance and acoustics of the room. Four reverberation chambers, with 128 concrete doors (weighing up to 15,000 lbs. each) provide additional acoustic control. Further adjustment is provided by acoustic banners and curtains. A SceneControl® 500 was selected to control the acoustic elements, based on its realistic display of the concert hall. The intuitive graphic displays give the operator fast, simple access to any of the 245 elements.



## Schermerhorn Symphony Center

*Nashville, Tennessee*

*Architect:* Earl Swensson Associates, Inc.  
*Consultant:* Fisher Dachs Associates  
*Contact:* Joe Mobilia  
*Owner:* Nashville Symphony Concert Hall  
*Contractor:* American Constructors  
*Contract:* \$1,840,845  
*Completion:* 2006

*Scope of Work:* A system of seating wagons, compensating lifts, and motorized stair units that transform the audience area from a flat floor to a tiered seating arrangement. Each of the eight self propelled seating wagons is 12' x 60' and weighs 15 tons.



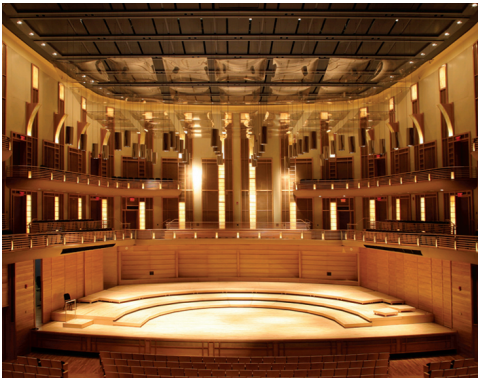
## Griffith Observatory Planetarium

*Los Angeles, California*

*Architect:* Hardy Holzman Pfeiffer Associates LLP  
*Consultant:* Auerbach Pollock Friedlander  
*Contact:* Greg Weddig  
*Owner:* City of Los Angeles  
*Contractor:* S. J. Amoroso  
*Contract:* \$895,000  
*Completion:* 2006

*Scope of Work:* Precise positioning of the star projector in a planetarium is essential. A two stage lift with 11 feet of travel and a 20,000 lb. capacity was provided to raise the star projector from under the floor to its working position. The lift uses ball screws and precision linear guides to achieve a position precision of  $\pm 0.02$ ".

Safety features include dead-man push-buttons for lift controls, door and railing interlocks, and astragal pressure tape switches at all shear points.



## The Music Center at Strathmore

*North Bethesda, Maryland*

*Architect:* William Rawn Associates; Grimm & Parker Associates

*Consultant:* Theatre Projects Consultants, Kirkegaard Associates

*Contact:* Benton Delinger

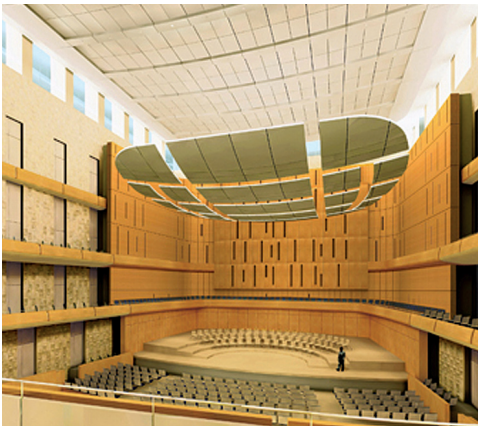
*Owner:* Montgomery County, Maryland

*Contractor:* Clark Construction Group

*Contract:* \$1,753,974

*Completion:* 2005

*Scope of Work:* In order to accommodate many types of music, a system of Acoustic Panel Reflectors was developed. Each of the 43 panels has independent elevation, pitch and roll control, forming a stage canopy with limitless profiles. This is supplemented with 24 variable acoustic banners, 15 variable acoustic traveler curtains, plus door actuators and lighting hoists. A J.R. Clancy automation controller with 3D graphics allows the operator to program and record setups of the variable acoustics elements.



## Holland Performing Arts Center

*Omaha, Nebraska*

*Architect:* HDR Architecture, Inc. & Polshek Partnership

*Consultant:* Fisher Dachs Associates

*Contact:* Joe Mobilia

*Owner:* Omaha Performing Arts Society

*Contractor:* Kiewit Construction Company

*Contract:* \$2,797,851

*Completion:* 2005

*Scope of Work:* The extensive acoustic system includes a three piece movable acoustic ceiling weighing 30,000 lbs. with a surrounding fixed canopy. Sixteen smaller flown acoustic panels lower from the ceiling. Other equipment includes a motorized speaker cluster hoist with six motorized doors, 26 motorized acoustic curtains and banners, and five motorized light pipes, with a SceneControl® system.