



**SceneControl 500  
050-SC500P**



**SceneControl 500 Wall Model  
050-SC500**

SceneControl 500 provides top-of-the-line motion control, complete with 3D visualization of your performance space. An accurate display of your theatre lets you easily select the sets you want to control on the touch screen. The user-friendly interface allows you to develop simple or elaborate cues and to modify them to match the flow of each performance.

**SceneControl 500 Features:**

- An accurate 3D display of your backstage shows the rigging system clearly for easy, instinctive operation. Simple selection of hoists and targets from a graphic display is faster and more accurate than the typical table of numbers.
- Touch screen interface makes controlling hoists and writing cues fast and simple.
- Dual playbacks allow two sets of movements to be controlled independently, so complex moves can be executed simply.
- Joysticks let you speed up or slow down cues to match the requirements of each performance.
- Hoists may be grouped for synchronized operation.
- Load monitoring “learns” a new load, and senses any changes (requires hoists with load sensing option).
- Unlimited number of fixed or variable speed hoists.
- 999 cues or presets.

**Safety**

- Motion is controlled by “dead man” push buttons, to ensure an operator is at the console.
- Industrial grade processor and components are used for long term reliability.
- Three levels of user passwords, key operated switch, and hardwired E-stop.

**Ordering Information**

Model	Description
050-SC500	Wall/desk mount, black cabinet.
050-SC500P	Pedestal mount, with adjustable height. Meets ADA requirements.
050-SCP	Hand held remote with cable & receptacle.

Systems include custom, 3D graphics of your stage area, system commissioning, and operator training.

**Options:**

- Hand held remote



**SceneControl 100**  
**050-SC100**

SceneControl 100 provides speed and position control for smaller automated rigging systems.

#### SceneControl 100 Features:

- Simple, accurate speed and position control for 1 - 6 sets (speed control requires variable speed hoists).
- Easy-to-read color, touch screen display.
- Eight presets for each hoist, with programmable acceleration, deceleration, and speed.
- Direct up/down push button control for setup.
- Joystick for adjustment on the fly.
- Load monitoring “learns” a new load, and senses any changes (requires hoists with load sensing).
- Reliable industrial grade components.
- Optional hand held remote.

#### Safety

- Motion is controlled by “dead man” push buttons, to ensure an operator is at the console.
- Industrial grade processor and components are used for long term reliability.
- Key operated switch, and hardwired E-stop.

#### Ordering Information

Model	Description
050-SC100	Wall mount, beige cabinet
050-SCP	Hand held remote with cable & receptacle



**SceneControl 50**  
**050-SC50**

SceneControl 50 provides simple position control for a single fixed speed hoist.

#### SceneControl 50 Features:

- Four user settable preset stops.
- Direct up/down push button control, that stops at each preset position.
- Ideal for use on electric sets. Instead of trying to return battens to the correct trim “by eye”, you can program a preset for accurate positioning.
- A Service Indicator tells you when its time for annual hoist service.
- This is the ideal control system for use with PowerAssist winches.

#### Ordering Information

Model	Description
050-SC50	Preset controller for use with PowerAssist hoists
050-SC50A	Preset controller for use with other J. R. Clancy hoists, includes position encoder and controls interface.



**Push button Control  
050-CS1**

Standard and custom control stations for fixed and variable speed hoists, with the following features:

- Hold-to-run Up and Down push buttons for each hoist.
- A key operated On/Off switch with green “Power On” LED indicator.
- A red, mushroom head emergency stop push button.
- A “Service” light indicates when regular system service is required.
- NEMA 1 wall mounted enclosures.
- Engraved front panel with warning notice.
- Panel components including push buttons, key switches, E-stop switches, etc. are industrial grade, heavy-duty components with 7/8" (22 mm) operators. Indicators are 5/16" (8 mm) minimum diameter.

### Ordering Information

Model	Description	Weight
050-CS1	Single channel fixed speed control station	13 lbs.
050-CS2	Two channel fixed speed control station	15 lbs.
050-CS3	Three channel fixed speed control station	15 lbs.

### Custom Models

For custom control stations provide the following information:

- Number and names of channels
- Number of variable speed controls
- Number and names of indicators
- Any special requirements

Application drawings and more information available for download on our site.



### PowerLift Automated Hoists 018-P0220F

Patent Pending

#### Affordable, Reliable Automated Rigging

Automated rigging can greatly enhance the impact of your productions with seamless scenery changes and exciting dramatic movements. PowerLift hoists are the latest and most versatile form of automated rigging available from J.R. Clancy. PowerLifts are currently in use in schools, universities, and professional theatres nationwide (and outside the US, too).

#### Safety & Simplicity

- Predictable, consistent scenery movements at every performance.
- Dual-brake system to ensure reliable stops and hold loads securely for long periods.
- No need to handle counterweight or climb to loading galleries.
- Clancy has been building moving drum winches for over 40 years, providing compact winches that free up backstage space and eliminate fleet angle difficulties.
- Redundant limit switches and E-stop functions meet the NFPA 79 - "Electrical Standard for Industrial Machinery" for your protection.
- Starters and drives are UL/ETL Listed for further assurance.
- PowerLifts can be provided with optional load monitoring that work with SceneControl series consoles to stop movement in case of overload or underload and to display the lifted loads.

#### Versatility

A range of speeds and capacities are available to meet your requirements.

- Fixed speed hoists are used for lighting, shell ceilings, and other utility sets that do not move during a performance. Push button controls are available, or SceneControl® consoles that provide programmable position control.
- Variable speed sets are used for scenery, curtains, and other elements that move for dramatic effect during a performance. These are controlled from a SceneControl console so that multiple hoists may be moved precisely.
- All units have up to 7 lift lines.

#### Mounting

- We'll work with you to determine how the PowerLift can be attached to your building's structure. PowerLifts can be mounted in under hung, upright, or vertical positions.

#### Convenience & Reliability

- J.R. Clancy products are manufactured in the USA, for quick response to your needs. We're the only North American rigging manufacturer with an ISO 9001:2000 Certified Quality Management System.

### Control Systems

Using the SceneControl console, you can create simple or complex scenery moves effortlessly, then play them back accurately and reliably. Control system choices include the SceneControl 500, 100, and 50 consoles and push button stations, letting you select the system that meets your needs.

### Ordering Information

Model	Speed	Capacity	HP	Travel	Weight
018-P0220F	20 fpm	2,000 lbs.	1.5	65'	750 lbs. ea.
018-P0220V	0 - 20 fpm	2,000 lbs.	1.5	65'	750 lbs. ea.
018-P1212V	0 - 120 fpm	1,250 lbs	5.0	65'	770 lbs. ea.
018-P1220V	0 - 120 fpm	2,000 lbs	7.5	65'	800 lbs. ea.
018-P1812V	0 - 180 fpm	1,250 lbs	7.5	65'	800 lbs. ea.

These units are used with the SceneControl 100 or 500 console, which allow accurate positioning.

#### Options:

- 018-PLLOAD Load monitoring option
- 014-130 Cover

### Model for use with Push Button Control

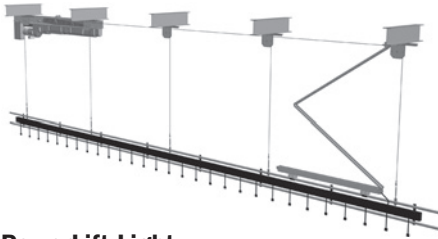
Model	Speed	Capacity	HP	Travel	Weight
018-P0212	20 fpm	1,200 lbs	1.0	65'	750 lbs. ea.
018-P0220	20 fpm	2,000 lbs	1.5	65'	750 lbs. ea.

This unit is used with push button controller or with the SceneControl 50 position control.

#### Options: 014-130 Cover

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).

Application drawings and more information available for download on our site.



### PowerLift Light 018-P0220

Patent Pending

#### Simple access to your lighting equipment

Now you can have the versatility of the PowerLift for your lighting sets. We've added connector strips and cable management to the PowerLift, giving you a simple, reliable lighting hoist.

#### Applications

- Front of house lighting positions.
- House lights, for easy access for re-lamping without scaffolding.
- On stage lighting battens.
- Anywhere you need easy access to lighting fixtures.

#### Mounting

We'll work with you to determine how the PowerLift Light can be attached to your building's structure. A full length backbone can be provided for simplified mounting.

#### PowerLift Light Features

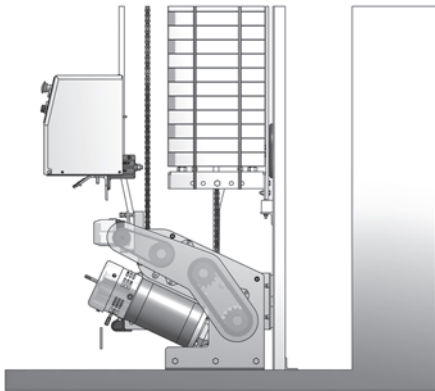
- Batten lengths and connector strip configurations to meet your requirements, including DMX and Ethernet.
- Cable management systems provided.
- Control systems (hyperlink) ranging from push button stations to SceneControl® automation consoles for accurate, repeatable positioning.

#### Ordering Information

Model	Speed	Capacity	HP	Travel	Weight
018-P0220	20 fpm	2,000 lbs	1.5	65'	750 lbs. ea.

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).

Specific batten length, number and capacity of circuits, and receptacle types required.



**PowerAssist  
018-PA Single Purchase**

**Award Winning Design**

2006 PRODUCT OF THE YEAR  
Live Design International

2006 PRODUCT OF THE YEAR  
ESTA Dealers' Choice Award-Equipment

US Patents 7,264,228 7,275,733

**Automate Your Counterweight Sets**

Tired of heavy counterweights and long climbs to the loading gallery? Convert your manual rigging sets to an automated system simply and economically with PowerAssist.

**Easier & Safer**

Besides making your work easier, you'll no longer need to load and adjust the counterbalancing weights. The motor handles the out-of-balance load, so you don't have to.

**Everything You Need to Automate Your Rigging**

PowerAssist single axis units are extremely compact and can be easily installed under your existing locking rail. The winch takes the place of an existing floor block and rope lock, and can be placed between two manual sets on 6" centers. It's the perfect way to automate your lighting sets!

**Controls**

A simple, push button control station with reversing starter replaces your rope lock. Or, the SceneControl 50 lets you program four preset target positions. All control stations are equipped with key operated switches to prevent unauthorized use. PowerAssist hoists can also be used with SceneControl 100 and 500 automation consoles that allow you to write cues for complete productions.

**Versatility**

Your PowerAssist hoist operates at a speed of 25 fpm, with a system capacity of 0 - 2,000 lbs., without the need to adjust weights.

**Ordering Information**

Model	Speed	Capacity	HP	Travel	Weight
018-PA Single Purchase	25 fpm	2,000 lbs	1.5	65'	750 lbs. ea.
018-PADP Double Purchase	25 fpm	2,000 lbs	1.5	65'	750 lbs. ea.

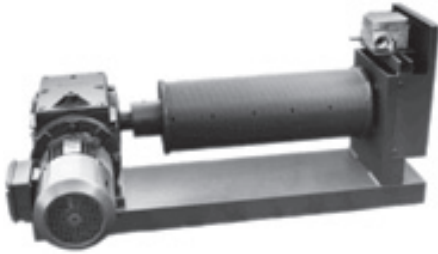
All units are supplied with hoist, push button controller, and drive line. Double purchase units include a replacement arbor and head block.

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).

**Options:**

SceneControl 50 provides four user programmed preset positions for repeatable, accurate stops.

Application drawings and more information available for download on our site.

**Drum Hoist**

- Drum hoists are the simplest and most widely used motorized hoists. They are usually a dead haul type of hoist, where the entire load is supported by the hoist, without the use of counterweights.
- The hoist has a drum long enough to accommodate all of the lift lines required for that particular set. The drum is helically grooved so that the lift lines wrap neatly in a single layer, to avoid damage to the wire rope. The drum can be oriented either horizontal or vertical depending on project requirements.
- Drum hoists can be located on the grid, galleries, or in a separate motor room. A head block and loft blocks may be used to route the lift lines to the batten.
- Fixed and variable speeds are available.

**Key Features**

- The motor, brake, and gearbox are an integrated unit from a single manufacturer, for quality assurance. A continuous shaft links the brake, motor armature, and the first stage pinion gear without the need for couplings, for added reliability and safety.
- The motor brake is spring applied and electrically released, for “fail safe” operation.
- The drum is helically grooved to carry a single layer of cable, for long cable life and reliable operation.
- Four limit switches are provided for normal end of travel and over travel protection. The two circuits operate separately for added safety.
- Please call with questions or orders. We’ll work with you to provide hoists to meet your schedule and needs.

**Ordering Information**

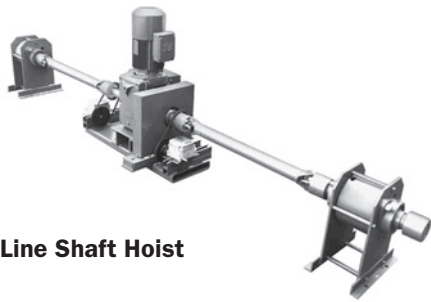
We're pleased to provide you with quotes for our hoists.

Please provide the following information:

- Capacity
- Speed (fixed or variable speed, feet per minute)
- 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).

**Options:**

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

**Line Shaft Hoist**

- Line shaft hoists are self-contained units with a separate drum for each lift line.
- No wall or floor space is required for the hoist, nor are head blocks or loft blocks required.
- Due to its design, the load placed on the building structure is a vertical load only, without the resultant and compression loads associated with conventional rigging.
- Line shaft winches are particularly useful for renovations and in locations with limited space.
- In order to compensate for movements in the structural steel as loads change, J. R. Clancy line shaft hoists include universal joints in the shafting between the drums. This provides increased reliability.
- Fixed and variable speeds are available.

#### Key Features

- The motor, brake, and gearbox are an integrated unit from a single manufacturer, for quality assurance. A continuous shaft links the brake, motor armature, and the first stage pinion gear without the need for couplings, for added reliability and safety.
- The brake is spring applied and electrically released, for “fail safe” operation.
- Drums are helically grooved to carry a single layer of cable, for long cable life and reliable operation.
- Four limit switches are provided for normal end of travel and over travel protection. The two circuits operate separately for added safety.
- Hoists can be furnished with continuous channel bases or with individual bases for each gearmotor and drum.
- Please call with questions or orders. We'll work with you to provide hoists to meet your schedule.

### 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)
- 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).

### Options:

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

- Point hoists offer the flexibility of rope spot lines with the speed and capacity of a motorized set. The ultimate in flexibility, point hoists offer an individual hoist for each lift line. Also known as motorized spot lines, point hoists provide a versatility that is not available from rows of parallel battens. With individual control of each lift line, you can twist and turn scenic elements for effect. Or, multiple hoists can be synchronized, so that several point hoists can lift a single scenic piece.
- Widely used in major opera houses and performing arts centers, point hoist systems offer a new, adaptable approach to rigging that is becoming increasingly popular in all venues.
- Point Hoists are designed and built to meet specific user needs. Point hoists used in theatres or opera houses for scenery suspension typically have capacities of 250 - 1,000 lbs with top speeds from 180 to 360 fpm. Contact us for assistance in designing the hoist system that will meet your requirements.

### Ordering Information

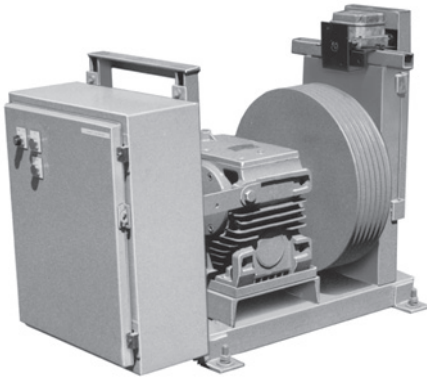
We're pleased to provide you with quotes for our hoists.

Please provide the following information:

- Capacity
- Speed (fixed or variable speed, feet per minute)
- 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).

### Options:

- Overspeed and load brakes
- Slack line detector
- Cross groove detector
- Keeper rollers
- Load cells



**Pile Up Drum Hoist**

- Pile-up or Yo-yo hoists allow the lift line to wrap on top of itself in a narrow slot. This type of hoist is normally used for low loads in applications such as banner hoists. They may also be used when there are space problems that preclude the use of drum type hoists.
- The wire rope winds on top of itself, changing the effective diameter of the drum, causing the lifting speed to change as the drum turns. The change in speed may make these hoists unacceptable for some applications. There is some crushing of the wire rope as it winds on itself, leading to higher wear than a wire rope in a grooved drum.

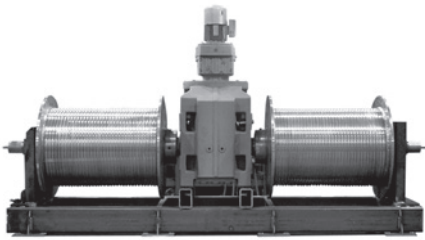
### Ordering Information

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

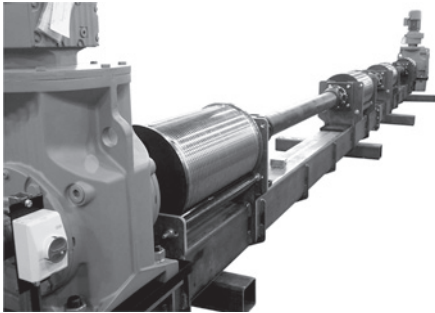
- Capacity
- Average Speed (fixed or variable speed, feet per minute)
- Travel
- Number and diameter of lift lines
- Any special requirements
- Hoists require 3 phase power at 208, 230, or 460 VAC. Please confirm voltage at time of ordering (380 and 575 VAC and 50 Hz hoists are available for international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

### Options:

- Load brakes
- Slack line detector
- Load cells
- Position encoder
- Additional limit switches
- Custom controls can be provided to allow for accurate positioning and allow constant cable speeds.



**Dual Drum Winch**  
**3 fpm, 13,500 lbs. capacity**



**Self climbing media screen hoist**  
**with 34,000 lbs. lifting capacity**

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 hoist's we've built for clients:

- A gantry crane in Bass Hall (Houston, TX) to move a 100,000 pound folding acoustic ceiling for rapid changeovers from theatrical use to concert hall mode.
- Hoists to move the 50 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), 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 DC's Shakespeare Theatre, the San Francisco Conservatory, and many others.
- The Seattle Opera uses a 600 ft/minute 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.

### 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)
- 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).

### Options:

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