

POWERASSIST® HOIST

COUNTERWEIGHT AUTOMATION SYSTEM



Let It Do the Work for You

This compact, fixed speed hoist converts new or existing counterweight rigging sets to automated systems simply and economically. The hoist and counterweight work together, allowing the set to carry any load from zero to 2000 lb (907 kg) without the need to adjust counterweights. In addition to 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" (152 mm) centers. It's the perfect way to automate your lighting sets.

Capability

Speed: 25 fpm fixed (0.13 m/s)

Travel: Varies based on building

Capacity: Up to 2,000 lb. (907 kg)

Max. batten length: As required



Controls

A simple, pushbutton control station with reversing starter replaces your rope lock. Or, the SceneControl™ Pendant allows you to program six preset target positions. All control stations are equipped with key-operated switches to prevent unauthorized use. PowerAssist hoists can also be used with SceneControl Motion Control Systems that allow you to write cues for complete productions.

No Handling of Counterweights or climbing to elevated loading galleries to keep sets in balance.

Two Levels of Limit Switches are set for your specific site conditions. The normal travel and over travel switches use separate, redundant circuits for added security.

E-Stop System meets NFPA 79 “Electrical Standard for Industrial Machinery”.

Hold to Run Controls in conformance with NFPA 79 “Electrical Standard for Industrial Machinery”, ensure the operator is present when movement is taking place.

Maintenance Light – Regular service is necessary for safety and equipment life for all moving machinery. J.R. Clancy control systems have a maintenance light, indicating when regular system service is required.

208 or 408 volt units are available without the need for expensive, bulky transformers. 380V 50Hz units are also available.

Motors Rated to Lift the Load have a 1.0 service factor, so they can lift the load every time.

Touch Safe means the interior of all electrical enclosures are guarded to prevent touching live components, per IEC standard.



Order Information

PART NUMBER	SPEED	CAPACITY	HOIST WEIGHT
018-PA Single Purchase	25 fpm (0.13 m/s)	2000 lb. (907 kg)	750 lb. (340 kg) ea.
018-PADP Double Purchase	25 fpm (0.13 m/s)	2000 lb. (907 kg)	750 lb. (340 kg) ea.