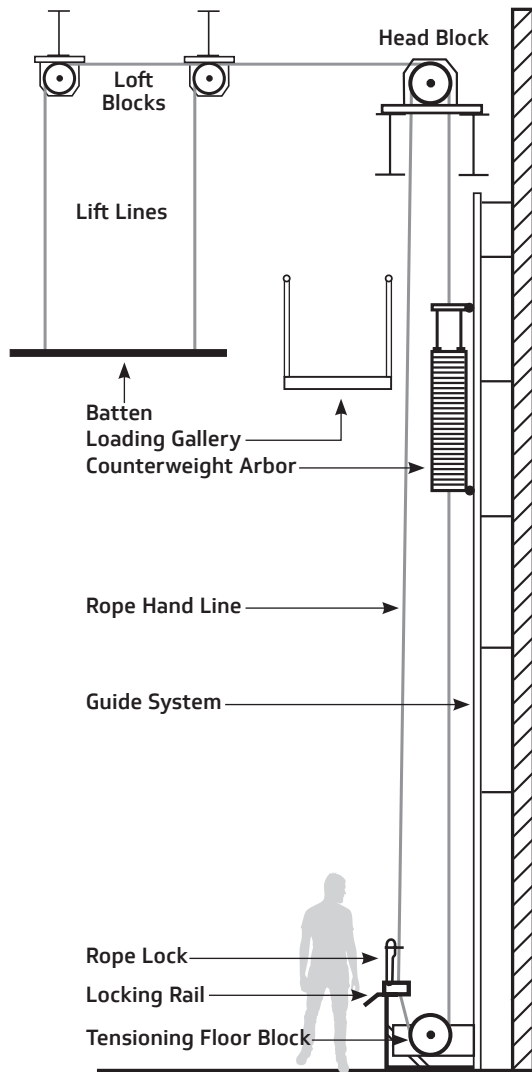


Counterweight Rigging Systems

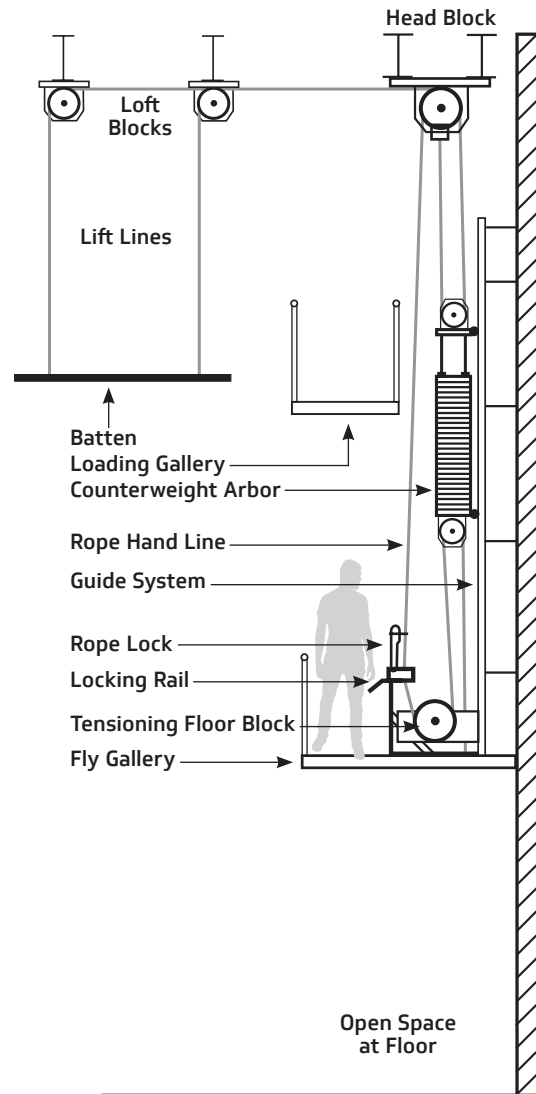
Manually operated counterweight systems have been used on stages for over 100 years. The pipe batten being raised or lowered with scenery, curtains or lights is counterbalanced by an arbor loaded with the equal amount of steel weights. With proper training and operation, this type of system can offer a flexible, cost-effective and safe rigging solution.

Single Purchase



In a single purchase counterweight set, the weight and travel distance of the loaded batten equals the weight and travel distance of the properly loaded arbor. With proper training these sets are easy to operate and are very efficient.

Double Purchase

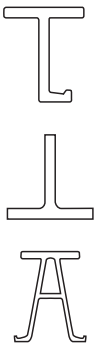


A double purchase system is installed in buildings where space for vertical travel of the counterweight arbor is not sufficient for single purchase sets to operate. By doubling the lift cables around a pulley on the arbor, the batten will travel twice as far as the arbor. This reduces the travel distance needed by arbors so they can be located well above the stage floor on fly galleries, providing space for doors or scenery storage below the arbors and locking rail.

Guide System Options

A guide system is the portion of the system that contains the arbors and keeps them moving smoothly. Typically the guides are spaced every 6" or 8", but custom spacings are available if needed.

- **J-Guide** - Our J-Guide System is a modular, lightweight aluminum guide system that offers easy installation and durability.
- **T-Bar** - The J.R. Clancy T-Bar was once the industry standard prior to the more convenient and cost-effective J-Guide. Adaptable wall knees offer flexibility, but field drilling steel can result in longer installation times.
- **A Guide** - A-Guide is a durable, heavy-duty aluminum guide system for systems that require additional guide strength, such as those in seismic zones.



Locking Rail Options

- **Locking Rail** - The locking rail can be located at the stage level, on a gallery/catwalk above the stage, or both. Either option can support up to 500 lb (226.8 kg) of uplift per ft (mm) and offers not only a sturdy location to mount rope locks, but also can be used as a tie-off when working with out-of-balance sets.

Arbor Options

The arbor is the carriage that houses the steel counterweight.

- **FrontLoader®** - The patented FrontLoader front-loading arbor eliminates the rods and spreader plates of the conventional rod arbor. It also eliminates the awkward bending or climbing into the arbor well to load bricks. The shelves allow for neat, easy and safe stacking of bricks from the loading gallery.
- **J-Guide/T-Bar Single Purchase Arbor** - With safety in mind, our J-Guide/T-Bar single purchase arbors come with easy-to-read, self-adhesive set numbers and labels on the back bar to show safety information and proper spreader plate locations. Many models available from 4' (1219 mm) to 13' (3962 mm) lengths, 4" (101 mm) or 6" (152 mm) widths.
- **J-Guide/T-Bar Double Purchase Arbor** - The double purchase arbor is provided to you with easy-to-read, self-adhesive set numbers to ensure ease of use and identification. For additional durability and safety, the front collar is welded to the top spreader plate. Many models available from 6' (1829 mm) to 13' (3962 mm) lengths, 4" (101 mm) or 6" (152 mm) widths.



**FrontLoader
Front-Loading
Arbors**



**J-Guide/T-Bar
Single Purchase
Arbors**



**J-Guide/T-Bar
Double Purchase
Arbors**

Rope Lock Options

Rope locks are used to hold the rope, arbor and batten in place when not in use. You'll notice that our rope locks are rated to 50 lb (22.7 kg) out of balance which is approximately how much a person can safely operate. Rope locks that hold significantly more than this amount could allow a system to become too out of balance to safely control. For added security, the SureLock® contains a built in out-of-balance indicator and lock out mechanism if the set is too out of balance to safely operate.



Rope Lock



SureLock

Rope

Premium synthetic ropes that are a great replacement for manila and other ropes used backstage. Minimal stretch and resistant to temperature and humidity changes.

- SureGrip® Synthetic Rope
- Stage-Set X™ Synthetic Rope



SureGrip



Stage-Set X

Head Blocks, Underhung - 59 Series, Upright - 55 Series



Sheave Material	Sheave Diameter	Number of Lines	RWL
Nylon	12" (305 mm)	6	3000 lb (1361 kg)
		8	3000 lb (1361 kg)
Cast Iron	8" (203 mm)	6	1300 lb (590 kg)
		8	1300 lb (590 kg)
	12" (305 mm)	6	3000 lb (1361 kg)
		8	3000 lb (1361 kg)
		10	3000 lb (1361 kg)

Loft Blocks, Underhung - 19 Series



Sheave Material	Sheave Diameter	Number of Lines	RWL
Nylon	8" (203 mm)	1	500 lb (227 kg)
		2	500 lb (227 kg)
		4	700 lb (318 kg)
		8	700 lb (318 kg)
Cast Iron	8" (203 mm)	1	500 lb (227 kg)
		2	500 lb (227 kg)
		4	700 lb (318 kg)
		8	700 lb (318 kg)

Universal Loft Blocks - 55/56/59 Series



Sheave Material	Sheave Diameter	Number of Lines	RWL
Nylon	8" (203 mm)	1	750 lb (340 kg)
		2	750 lb (340 kg)
		4	1300 lb (590 kg)
		8	1300 lb (590 kg)
Cast Iron	8" (203 mm)	1	500 lb (227 kg)
		2	700 lb (318 kg)
		4	1300 lb (590 kg)
		8	1300 lb (590 kg)
	12" (305 mm)	1	700 lb (318 kg)
		2	1400 lb (635 kg)
		8	2500 lb (1134 kg)

Floor Blocks

- 10" (254 mm) and 12" (305 mm) sheave diameter options
- Minimum 40 lb (18.14 kg) weight to properly tension the hand line
- Kick tab permits easy readjustment of the block
- Sealed precision ball bearings
- Special grooves and shoe sizes available, call for details



Battens and Truss Battens

- Battens are 1.5" schedule 40 seamless pipe with a matte black finish
- Battens up to 21' (6401 mm) long are supplied as a single piece; longer battens come with 18' (5486 mm) internal splice sleeves
- Standard 1.5" (38 mm) battens are provided with safety yellow vinyl end caps, making the batten ends easier to see
- Double batten truss battens and schedule 80 options available



Batten Termination Options

Many popular and economical batten termination options including:

- Pipe clamps/turnbuckles
- Trim clamps
- Grade 30 proof coil trim chains
- Alpha chain trim chains



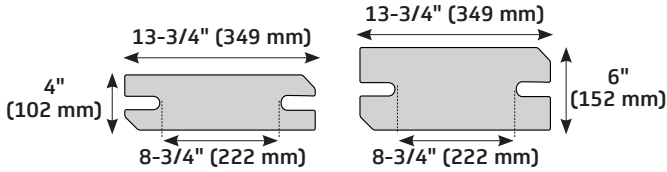
Index Lights

Light your locking rail, fly and loading galleries, with minimal light bleeding. To provide even light distribution, our Index Lights are designed with a black exterior and white interior.

- 5' (1524 mm) and 10' (3048 mm) lengths
- Incandescent and LED options available
- One color (white) and two color (white/blue) options available

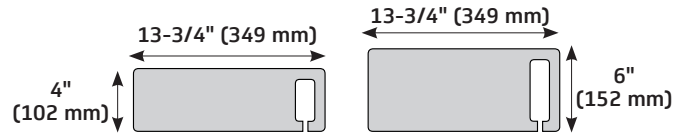


Standard Counterweights



Number	Width	Nominal Thickness	Nominal Weight
009-4X1	4" (102 mm)	1" (25 mm)	14 lb (6.3 kg)
009-4X2	4" (102 mm)	2" (51 mm)	28 lb (12.7 kg)
009-6X1	6" (152 mm)	1" (25 mm)	22 lb (10 kg)
009-6X2	6" (152 mm)	2" (51 mm)	43 lb (19.5 kg)

FrontLoader Counterweights



Number	Width	Nominal Thickness	Nominal Weight
009-4X0.5F	4" (102 mm)	1/2" (13 mm)	7 lb (3.2 kg)
009-4X1F	4" (102 mm)	1" (25 mm)	15 lb (6.8 kg)
009-4X1.5F	4" (102 mm)	1-1/2" (38 mm)	22 lb (10 kg)
009-6X0.5F	6" (152 mm)	1/2" (13 mm)	11 lb (5 kg)
009-6X1F	6" (152 mm)	1" (25 mm)	22 lb (10 kg)
009-6X1.5F	6" (152 mm)	1-1/2" (38 mm)	32 lb (14.4 kg)

Warranty and Support

Three-year warranty against defects in materials or workmanship is provided on all J.R. Clancy equipment, additional warranty information is available at jrclancy.com



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