

	Helios™ Hoist	PowerLift® Hoist	Titan® Hoist	PowerAssist® Hoist	PowerLine™ Shaft Hoist	Performer™ Aerial Hoist
Summary	An economical, automated hoist ideal for smaller venues. Helios' safety features include slack line and load sensing and the compact drum allows for hoist-mounting on a single beam.	A zero-fleet, high performance, automated hoisting system available in fixed or variable speeds. Its versatile mounting system enables PowerLift to be installed in virtually any space.	A high-performance hoist for applications requiring large capacity, speed and/or long travel. A customized, pre-engineered hoist manufactured to your requirements.	A compact, fixed speed hoist that automates a new or existing counterweight rigging set.	A line shaft hoist, re-imagined to reduce size, weight, and cost. A wide range of speeds and capacities. A versatile performer and an excellent choice for retrofits in older buildings.	A performer-flying hoist that offers high dynamic capabilities and safety.
Ideal Application	Light to medium duty electric and shell sets, light duty drapery and scenery sets and front of house electrics.	Medium duty electric and shell sets, light duty drapery and scenery sets and front of house electrics.	Demanding stage hoisting applications including heavy electric and shell sets, grand drapes and high performance scenery sets.	Changing a counterweight set in to a fixed speed motorized set. Especially electric and shell ceiling sets.	Any type of set, fixed or variable speed, especially when building layout prevents use of a traditional packaged hoist	State-of-the-art performer flying capabilities including programmable 3D motion
Fixed Speed	20 fpm (0.1 m/s)	20 fpm (0.1 m/s)	20 fpm (0.1 m/s)	25 fpm (0.13 m/s)	20 fpm (0.1 m/s)	N/A
Variable Speed	Up to 180 fpm (0.9 m/s)	Up to 180 fpm (0.9 m/s)	Up to 650 fpm (3.3 m/s)	N/A	Up to 240 fpm (1.2 m/s)	Up to 480 fpm (2.4 m/s)
Travel	Travel: Up to 60 ft (18.3 m) with 7 lift lines	Up to 62 ft (18.9 m) with 7 lift lines; Up to 49 ft (14.9 m) with 8 lift lines	Up to 90 ft (27.4 m) with 8 lift lines; Up to 67 ft (20.4 m) with 10 lift lines	Unlimited	Up to 60 ft (18.3 m)	Up to 100 ft (30.5 m)
Capacity	Up to 2,000 lb (907 kg)	Up to 2,000 lb (907 kg)	Up to 3,300 lb (1,496 kg)	Up to 2,000 lb (907 kg) set capacity	Up to 2,500 lb (1,184 kg)	600 lb (272 kg) dynamic working load
Features	<ul style="list-style-type: none"> Slack line and load sensing Optional back-bone Compact drum allows for hoist-mounting on a single beam 	<ul style="list-style-type: none"> Zero-fleet design SureBrake redundant electric brake Pre-cabled for quick installation Hoist may be mounted offstage of batten or between the first two lift lines 	<ul style="list-style-type: none"> Zero-fleet design Fast travel for curtain and scenery sets High capacity for electrics and shells 	<ul style="list-style-type: none"> Single axis that is extremely compact Simple rail mounted push button control Sturdy chain drive Perfect for existing counterweight system upgrades 	<ul style="list-style-type: none"> Many standard configurations to choose from Fixed or variable speeds Compact size Flexible and easy installation Modular design for incorporation into any space 	<ul style="list-style-type: none"> Dynamic load measurement detects overload or underload situations and rapidly, but safely stops motion Roller cable keeper prevents cross groove
# of lift lines	Up to 7	Up to 8	Up to 10	N/A	No Limit	1
Wire rope diameter	3/16" (4.8 mm)	3/16" (4.8 mm)	1/4" (6.3 mm) standard, 3/16" (4.8 mm) available	N/A	1/4" (6.3 mm) standard, 3/16" (4.8 mm) available	1/4" (6.3 mm)
Load sensing	Yes	Option	Option	No	Option	Yes
Encoder	Included	Included	Included	Option	Option	Included
Max. Batten Length*	66 ft (20.1 m)	76 ft (23.2 m)	96 ft (29.3 m)	As required	As required	N/A
Control Options	Compatible with J.R. Clancy motion control systems					

* Assumes 1.5" (38 mm) schedule 40 pipe batten with 10' (3048 mm) lift line spacing and 3' (914 mm) of overhang on each side



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