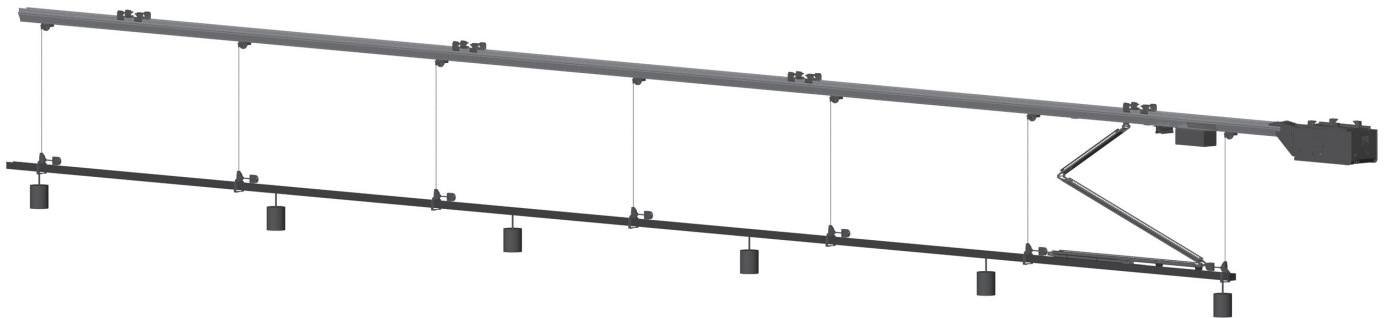


Prodigy™ Low Profile Hoist Series



(Fixtures by others)

GENERAL INFORMATION

APPLICATIONS

The Prodigy Houselight Hoist can span the width of the auditorium, allowing houselights to be placed anywhere over a 105' width. The distro trough may be lowered for re-lamping or servicing the houselight fixtures. The Prodigy Houselight Hoist allows staff (with the push of a button) to lower lighting fixtures to an easily accessible height. The unique cable management system allows this low profile hoist to be easily hidden between the clouds of the auditorium ceiling.

Costly ladders, scaffolds and catwalks with multiple means of egress or constructing scaffolding over auditorium seats is no longer necessary when house lighting can be lowered to seating level for maintenance by means of these hoists.

ETC Prodigy hoists are manufactured in a family of sizes and capacities ranging from these houselight hoists up to systems designed to carry heavy loads.

FEATURES

- **LIGHT WEIGHT:** Powerhead weighs less than 364 pounds
- **SMALL SIZE:** Powerhead is only 14 1/2" high x 47 1/2" long x 16" wide
- **COMPACT CABLE MANAGEMENT SYSTEM:** Houselight hoists with Pantograph store in 26" of height
- **TRUE LIFTING CAPACITY:** Hoists are rated by their working load limit in standard configuration, the amount of weight that can be suspended from the batten
- **UNIQUE PRODIGY HYBRID DRUM:** Powerhead manages up to 8 liftlines in a machine 1/3 the size of other hoists
- **FAIL-SAFE MOTOR BRAKE AND PRODIGY LOAD BRAKE:** Two independent braking systems assure safe overhead lifting
- **HIGHER DUTY CYCLES:** Minimal braking pressure significantly reduces brake pad temperature and increases duty cycle of the hoist
- **BARRIERED WIRING TROUGH (optional):** For separate houselight and emergency lighting circuits
- **DMX or Ethernet data wiring available**

GENERAL INFORMATION

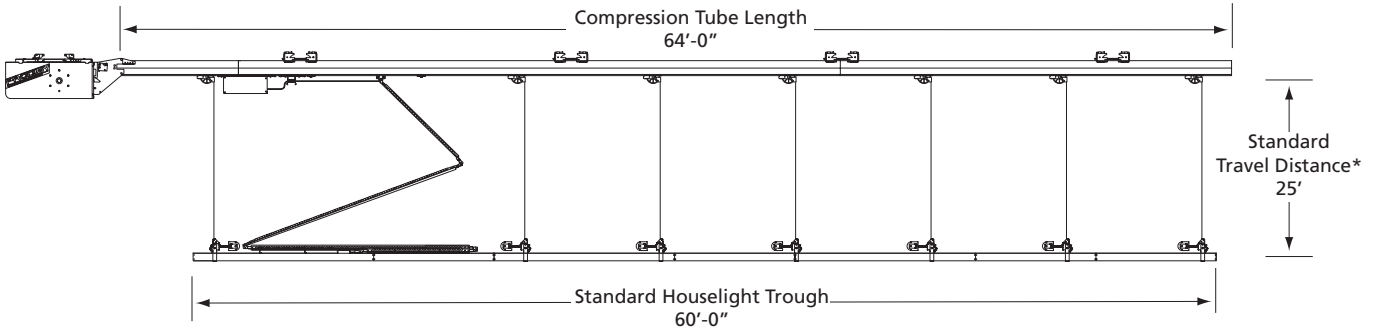
- **BUILT-IN LIMIT SWITCHES AND ENCODERS:** With visual setting indicators for more efficient installation
- **MID-TRAVEL PRESET POSITION:** A third stop-position that is re-settable by the user
- **COMPRESSION TUBE:** Channel snaps in place to interface with facility structure and neutralize additional lateral loads on the building
- **BUILT IN SLACK LINE DETECTOR:** Standard on all hoists
- **BUILT IN LOAD PROFILING:** Standard on all hoists
- **RIGHT ANGLE CABLE ADJUSTER (RACA):** Unique trim clamp saves up to 14" of building height and allows greater travel. The RACA permits rapid trim adjustment, even under load
- **BUILT TO PLASA/ANSI STANDARDS:** motorized hoist (draft) standards
- **UL LISTED**

BENEFITS OF PRODIGY HOISTS

- Light weight – less load on the building, easier to install
- No additional lateral forces imposed on the building – lateral forces neutralized in the compression tube
- Anywhere-positioning of loft blocks along compression tube so lift line placement is not dependent on building structural layout
- May be attached to almost any structure that supports the weight of the system + lifted load, such as bar joists
- Programmable QuickTouch® Control Panel with LCD readout of hoist "name," hoist function and loading profile as well as operational status
- Easy limit switch adjustment with visible LED light indicators
- Low noise operation
- Distribution strip supports the Pantograph and manages flat feeder cable



HOIST STANDARD CONFIGURATION P-HLT



*Maximum travel 50'

STANDARD SAFETY FEATURES

- Load Profiling – Senses load change variances
- Dual Braking System – A Primary Load Brake and a Motor Brake
- Limit Switches – 1 Top limit plus top overtravel limit switch
1 Bottom limit plus bottom overtravel limit switch
- Slack Line Detection – Standard equipment. Slack line detection of lifting line will shut the system down should any line become slack
- Built-in Load cell – Standard equipment to provide continuous load profiling and monitoring

HOIST OPTIONS

P-HLT HOUSELIGHT FIXED SPEED HOIST	
Houselight trough length	Up to 105'
Travel distance	Up to 50'
Number of Circuits	6 20 Amp circuits with ground or 4 20 Amp circuits with ground + 2 20-Amp Emergency circuits
Data	Either DMX or Ethernet available

STANDARD CONFIGURATION:

WEIGHT DATA					CIRCUIT INFORMATION	MOUNTING HARDWARE		
WLL	Wt Moving Parts	Wt Fixed Parts	Total Lifting Cap	Dynamic Load	Circuits	Cable Size	# Beam Clamps	# Lift Lines
*250lbs	281lbs	634lbs	746lbs	1.2G	4	3/16"	4	7

*Safe Working Load Limits are based on standard configuration

COMPRESSION TUBE MOUNTING INFORMATION			
Beam Clamp Locations	Tube Weight	Min Qty of Beam Clamps Required	Standard Mounting Brackets Available for
Max spacing 15' O.C.	3.5lb /ft	1 at Powerhead + 1 @ 15' O.C. max spacing	W-, S-, or I-Beam / Bar Joist / Unistrut*

*Must be capable of supporting the load

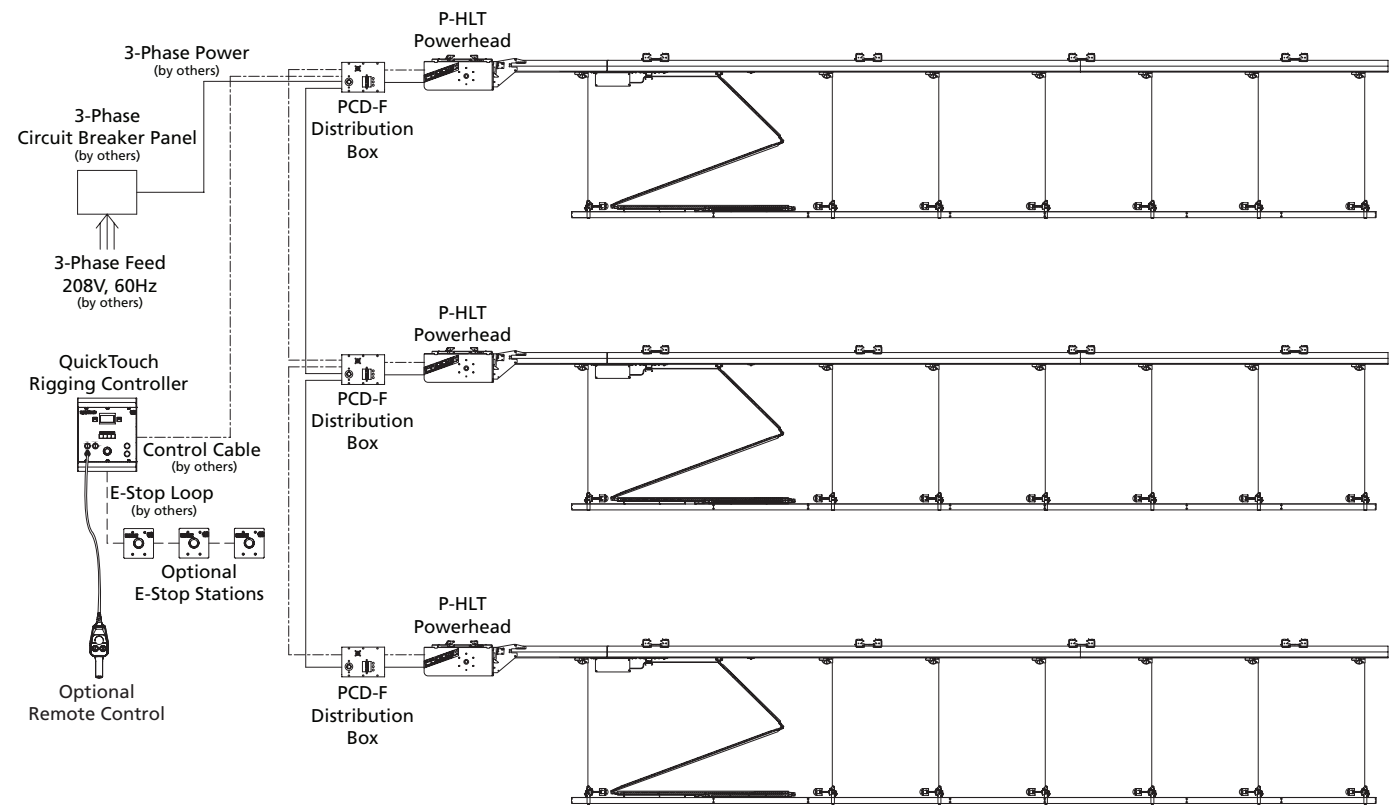
LOADING INFORMATION (LIFT LINE PLACEMENT)				
Loading	Min Load Per Line	Max Load Per Line	Loft Block Locations	
Distributed load over the length of the distro	25lbs per line	420lbs	4ft to 14ft loft block spacing	4ft min distance from the power head

Height and angle adapter mounting brackets available for both Powerhead and compression tube.

HOIST STANDARD CONFIGURATION

ELECTRICAL INFORMATION						
Product	Speed	Line Voltage	Horse Power	Motor Inrush Current	Motor Operating Current	Motor Operating Temperature Range
P-HLT	30fpm	3-phase, 208V / 60Hz	1HP	11.3 Amps	4.0 Amps	40°F to 104°F 4.5°C to 40° C

PRODIGY SYSTEM RISER



—— Power Cable, 3 Phase + Ground

----- Control Cable, CAT5e or better

..... E-Stop, CAT5e or better

Power cord from Powerhead to PCD – 8'0"

Data cord from Powerhead to PCD – 8'0"

Remote control device cord – 30'0"

PRODIGY FAMILY OF HOISTS

Model #	Speed	Working Load Limit (Standard configuration)	Batten length	Voltage	20 Amp Circuits
VARIABLE SPEED					
V1000	0-180 FPM	1000lbs	Up to 76'	480V. 3ø	no circuits
ELECTRIC BATTENS					
P650E	30 FPM	650lbs	Up to 76'	208V. 3ø	Up to 48
P1000E	30 FPM	1000lbs	Up to 76'	208V. 3ø	Up to 48
P1500E	30 FPM	1500lbs	Up to 76'	208V. 3ø	Up to 48
GENERAL PURPOSE					
P800G	30 FPM	800lbs	Up to 76'	208V. 3ø	no circuits
P1300G	30 FPM	1300lbs	Up to 76'	208V. 3ø	no circuits
P1900G	30 FPM	1900lbs	Up to 76'	208V. 3ø	no circuits
HOUSELIGHT HOIST					
P-HLT	30 FPM	250lbs	Up to 105' houselight trough	208V. 3ø	Up to 8

RIGGING CONTROL

FOUNDATION FOR VARIABLE SPEED	
Foundation	Forty-eight channels
QUICKTOUCH FOR FIXED SPEED	
Quicktouch 1	Single channel
Quicktouch 4	Four channels
Quicktouch 8	Eight channels
Quicktouch 12	Twelve channels
Quicktouch 24	Twenty-four channels

WARNING

Only trained persons shall operate or maintain this equipment
 Improper operation or maintenance may cause serious injury
 or death
 Read and understand operations manual before use
 Disconnect power before servicing this equipment



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