



BY APPOINTMENT TO
HIS MAJESTY THE KING
LIFTING EQUIPMENT MANUFACTURERS AND ENGINEERS
PENNY ENGINEERING LIMITED
CHESTERFIELD

Penny Engineering

R & L SYSTEMS

LIGHTING WINCH SYSTEMS



EXPERTISE YOU CAN TRUST

Eliminate the risk and disruption of working at height with lighting winch systems and hoisting equipment from Penny Engineering Ltd. Explore a range of solutions ideal for accessing suspended chandeliers, lighting, and fixtures such as sensors, signage, artwork and CCTV.

WHAT WE DO

Site surveys
Design
Manufacturing
Supply and export
Installation
Maintenance
Thorough Examinations
Testing & Commissioning



SECTORS

Residential
Industrial
Rail
Public Attractions
Leisure
Retail
Warehousing
Hospitality



EXAMPLE APPLICATIONS

Chandeliers
High bay lights
Over-escalator lighting
Railway siding lighting
Signage
Artwork
Room wall sections
Meeting room tables

CLIENTS INCLUDE:



SELF-CONTAINED LIFTS

Our automatic winch systems are self-contained, meaning all the winch gear is housed within the enclosure directly above the fixture. This compact design offers greater affordability and ease of installation, especially in environments with a large number of suspended items.

COMPACT LIFTS

Our compact chandelier winch systems offer a simple, cost-effective solution for raising and lowering luminaires, artwork, signage, and other high-level fixtures.

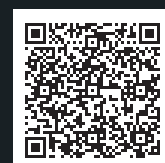
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SPEC/MODEL	CT-12	CT-15	HU-25	HD-30	HD-35	HD-50	SHD-100
Load capacity	3-10kg	7-15kg	10-25kg	12-30kg	15-35kg	15-50kg	50-100kg
Lowering capacity	15m	10m	10m	15m	10m	10m	20m
Dimensions	140x140x216mm		180 x 175 x 228mm	209x215x283mm			410 x 410 x 634.5mm

LUXLIFT SMART LIFTS

Raise and lower almost any suspended asset weighing up to 70kg with a LuxLift compact electric hoist from Penny Engineering. Fully operable from an app on your mobile phone or tablet, LuxLift revolutionises the cleaning and maintenance of large quantities of high-level lighting and banners in industrial and commercial environments.



SPEC/MODEL	LL-12	LL-25	LL-35	LL-50	LL-70
Load capacity	1-12kg	1-25kg	1-35kg	1-50kg	1-70kg
Lowering capacity	0-20m				
Dimensions	230x230x230mm				

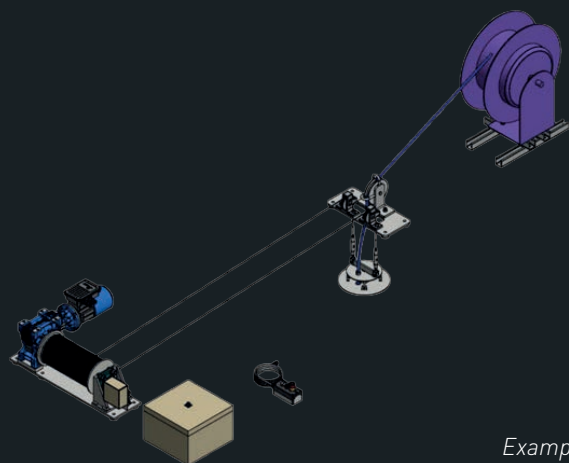
All LuxLift products are multi-contact as standard and require a separate electrical feed for the winch motor and lighting circuit.

OFF-SET, HEAVY DUTY HOIST SYSTEMS

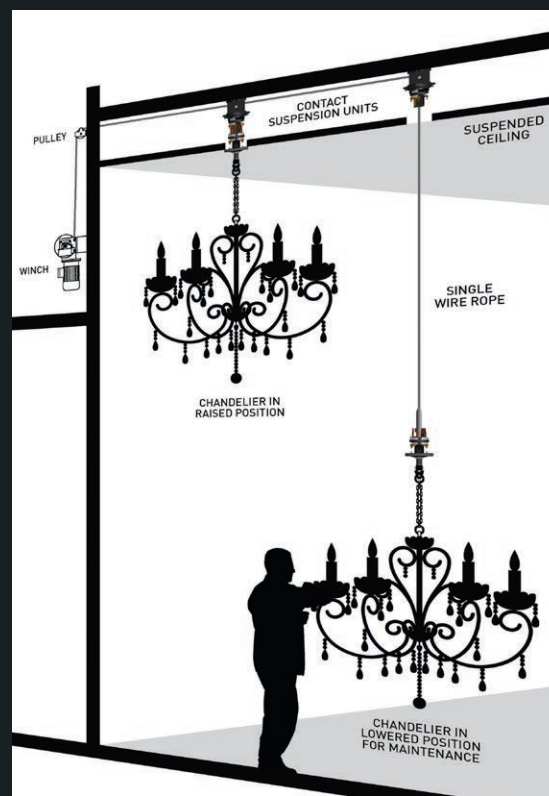
Our off-set lighting hoists include single and multi-rope systems, where the hoist is remotely located to the lighting hanging point. These systems support loads of up to 450kg, with bespoke options available for higher capacities.

Designed, manufactured, assembled, and tested in our UK factory, we ensure complete control over every step, delivering high-quality products you can trust.

All our chandelier hoists have been designed with straightforward installation by your contractors in mind. The systems are also supplied with in-depth technical documents to assist with your planning leading up to the installation.



Example of an
off-set system



DUAL ROPE SYSTEMS

Our dual-rope lighting hoist systems are ideal for larger and/or heavier loads, as well as directional light fittings that require multiple anchor points to prevent twisting. Continuous power is fed to the lighting via our innovative spring retraction reels, which keep fittings energised throughout the raising and lowering process.



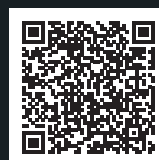
SPEC/MODEL	RLT-250	RLT-450
Load capacity	250 kg (551 lbs)	450 kg (992 lbs)
Lowering capacity	10m (32.8 ft)	
Max power feed to load	3-core, 8 A per core (standard)*	
Control type	Hard-wired panel controls (standard), radio wireless system (optional)	

*Alternate options are available on request (more cable cores/higher current carrying requirements).



SINGLE ROPE SYSTEMS

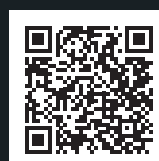
Our single-rope lighting hoist systems are ideal for smaller and/or lighter loads that are symmetrical and can be supported by a single fixing point. The products in this range are available with either a 100kg or 450kg maximum load capacity, with a maximum standard lowering distance of 10m, with further lowering capacity available on request.



SPEC/MODEL	RLS-100	RLS-450	RLSM-100	RLSM-450
Load capacity	100 kg (220.4 lbs)	450 kg (992 lbs)	100 kg (220.4 lbs)	450 kg (992 lbs)
Lowering capacity	10m (32.8 ft)			
Max power feed to load	3-core, 10 A per core (standard)*	10-core, 10 A per core (standard)*	3-core, 10 A per core (standard)*	10-core, 10 A per core (standard)*
Control type	Hard-wired panel controls (standard), radio wireless system (optional)		Manual, hand crank	

SMALL CEILING HOLES

When dealing with heritage/decorative ceilings, where increasing the ceiling hole to accommodate the hoist equipment is not possible, we have a range of systems designed to work with smaller ceiling holes.



SPEC/MODEL	RLLP-200	RLLP-450	RLLM-250	RLLM-450
Load capacity	200 kg (440.9 lbs)	450 kg (992 lbs)	250 kg (551 lbs)	450 kg (992 lbs)
Lowering capacity	10m (32.8 ft)			
Max power feed to load	3-core, 8 A per core (standard)*			
Control type	Hard-wired panel controls (standard), radio wireless system (optional)		Manual, hand crank	

CUSTOM WINCH SYSTEMS

From suspending art installations to flying tables in modern office spaces – Penny Engineering designs custom winch systems for a wide range of applications, working with you to develop a solution that perfectly addresses your unique requirements.

We offer both manually and electrically operated winch equipment, with lifting capacities of up to 2000kg. Control options include wall-mounted push buttons, a flying lead style plug-in remote, or a full radio remote control system. Plus, your custom winch can be seamlessly integrated with home automation systems, such as Crestron or Lutron.

USERS

- Dome ceiling chandeliers
- Staircase lights
- Atrium roof lights
- Multi-function room displays
- Badminton court lighting
- Suspended glass canopies
- Retail signage
- Gallery artwork
- Office flying tables
- Wall Partitions
- Wire rope flooring lifts

INSPECTION & MAINTENANCE SERVICES

Lighting Hoists	Lifting Beams/ Ceiling Anchors	Lifting Accessories	Fixtures
<ul style="list-style-type: none"> • Bespoke design • Installation & commissioning • Testing (incl. proof load testing when required) • Detailed condition surveys • Planned Preventative Maintenance (PPM) as per PUWER requirements • Thorough Examinations per LOLER requirements • Remedial works Upgrading older winch systems up to current regulatory standards • Decommissioning systems (temporary or permanent) 	<ul style="list-style-type: none"> • Bespoke design (fixed ceiling anchors) • Installation & commissioning • Testing (incl. proof load testing when required) • Detailed condition surveys • Planned Preventative Maintenance (PPM) as per PUWER requirements • Remedial works • Decommissioning runway beams / anchors (temporary or permanent) 	<ul style="list-style-type: none"> • Detailed condition surveys • Thorough Examinations per LOLER requirements • Testing (incl. proof load testing when required) 	<ul style="list-style-type: none"> • Detailed condition surveys • Weighing fixtures using calibrated load cell • Removal / storage of fixtures • Planned Preventative Maintenance (PPM) of fixtures (incl. specialist cleaning works) • Remedial works



PRODUCTS AVAILABLE

- Chandelier winch systems
- Compact, self-contained lighting lifts
- Custom Chandelier hoists
- Secondary Suspension Units
- Heavy Duty Lighting Hoists
- Compact Lighting Hoist Systems
- Budget Lighting Hoist Systems
- Ceiling Hanging Brackets for fixed loads
- Bespoke Rigging Services
- Industrial High-bay lighting hoist systems

TALK TO THE EXPERTS TODAY

Penny Engineering R & L Systems are the leading authority in the design, manufacture, installation and service of specialist lighting maintenance and winching systems.

Contact us to discuss the solutions available to you.

Penny Engineering
GROUP

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