



Mobile Lighting Tower

Specification Sheet

SWX300000

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FACILITIES

X-ECO Mobile Lighting Tower

The X-ECO is a diesel powered lighting tower, designed to provide powerful lighting coverage of up to 7,000sqm for construction sites, highway works, outdoor events and emergency response situations.

Featuring 6 160W LED lights and an 8.5m hydraulic mast, it provides wide lighting coverage with easy height and positioning adjustments. With low fuel consumption and up to 200 hours of running time, the X-ECO offers a practical and cost-effective lighting solution, while its compact design makes it easy to transport, with up to 14 units fitting on a single articulated lorry.

Built for demanding working environments, the X-ECO features adjustable LED floodlights and a mast with 340° rotation, allowing light to be directed where it is needed most. Additional features, including a 110 litre fuel tank, digital control panel and forklift pockets, make it easy to operate, handle and transport.

Key Features

- 6 x 160W High Efficiency LED 48V floodlights
- Illumination coverage of up to 7,000sqm
- 7-section vertical mast that extends to 8.5 metres, with 340° rotation
- Certified for wind speeds of 110km/h
- Running time of 200 hours
- Fuel tank: 110 litres
- Low noise level (65 dBA at 7m)
- 4 x adjustable stabilisers and onboard levelling indicators
- Easy handling with central lifting point and forklift pockets simplify movement
- Equipped with light sensor and timer
- Can connect to mains power and has a 230V connection
- 14 Units per artic vehicle





Description	**Size** (mm)	**Total Height** (mm)	**Weight** (kg)
SWX300000 - X-ECO 8.5m Mobile Lighting Tower	H2420 x W2520 x D1390	H8500	920

X-Chain Mobile Lighting Tower

The X-Chain is a compact, energy efficient lighting tower designed to deliver reliable illumination of up to 4,200sqm for construction sites, infrastructure projects and outdoor work areas.

Featuring 4 160W LED floodlights and a manually operated 7 metre mast, it provides flexible light coverage with 340° rotation. Its robust construction, easy handling and integrated safety features make it a practical solution for demanding site environments.

Designed with adjustable floodlights, a built-in light sensor and a guided coiled cable provide convenient operation, while its galvanised metalwork and durable powder-coated finish help protect against wear and tear. With adjustable stabilisers and a patented mast emergency brake, the X-Chain combines dependable performance with enhanced on site safety.



Key Features

- 4 x 160W LED Multi-directional, tiltable floodlights
- 7 metre total height with a 5-section vertical mast & 340° rotation
- Illuminated coverage up to 4,200sqm
- Certified for wind speeds of 110km/h
- 4 x extendable and height adjustable stabilisers
- Central lifting points and forklift pockets simplify loading and positioning
- 2 x retractable handles for ease of manoeuvrability
- Zero emissions, zero noise & zero fuel costs
- Approximately 300kg, with up to 33 units per truck
- Integrated light sensor enables automatic switching in response to light conditions
- Circuit breaker for electrical protection against an overload

Description	**Size** (mm)	**Total Height** (mm)	**Weight** (kg)
SWX300050 - X-Chain 7m Mobile Lighting Tower	H2100 x W1200 x D850	H7000	320

Solar Mobile Lighting Tower

Delivering up to 2,400sqm of illumination with 4 high efficiency LED lights and an 8m telescopic mast. Silent, emission-free operation provides reliable lighting with zero fuel costs.

This solar powered LED lighting tower features 4 65W LED lights, providing efficient illumination across an area of up to 2,400sqm. With an 8m galvanised telescopic mast and 340° rotation, it offers flexible light positioning. Powered by solar panels and a 24V 400Ah battery pack, it delivers quiet, emission-free operation with zero fuel costs, making it an ideal solution for construction sites, outdoor events and remote locations.



Key Features

- Fully solar powered with 3 x 340W solar panels
- 4 x 65W high efficiency LED heads
- 7-section telescopic galvanized vertical tower
- 8m total height & 340° rotation
- Illuminated coverage up to 2,400sqm
- 4 x height adjustable stabilisers
- Built-in battery charger
- 24V DC 400Ah battery pack (4 x batteries)
- Zero emissions, zero noise & zero fuel costs
- 8 Units per artic vehicle
- Dimmer selector switch for 100%, 75%, 50%, 25% light intensity

Description	**Size** (mm)	**Total Height** (mm)	**Weight** (kg)
SWX300060 - Solar 8m Mobile Lighting Tower	H2517 x W3454 x D1580	H8000	1130

X-ECO Hybrid Mobile Lighting Tower

The Hybrid Mobile LED Lighting Tower is designed to deliver, energy efficient illumination for construction sites, infrastructure projects, outdoor events and emergency response situations.

Equipped with 6 100W LED floodlights and an 8.5m hydraulic mast, the X-ECO Hybrid Lithium provides light coverage of up to 4,400sqm. Its hybrid technology combines a lithium battery with a diesel generator, helping to reduce fuel consumption, emissions and noise.

It can operate silently on battery power for up to 11.5 hours at full light output, making it ideal for noise sensitive locations and overnight work. When needed, the diesel engine recharges the battery to keep the tower operating. Additional features include a 340° rotating hydraulic mast, 50 litre fuel tank and compact design for easy transportation. With fuel consumption as low as 0.11 litres per hour in hybrid mode, it offers an efficient and more environmentally conscious lighting solution.



Key Features

- 6 x 100W LED multi-directional & tiltable floodlights
- 8.5 metres mast height & 340° rotation that covers 4,400sqm illuminated area
- Certified for wind speeds of 110km/h
- 4 x height adjustable stabilisers
- 1 x Lithium battery
- Noise level 0-65dB (at 7m)
- Central lifting points and forklift pockets simplify loading and positioning
- Running time 11.5 hours from battery and fully recharges in 3 hours
- Integrated light sensor enables automatic switching in response to light conditions
- Circuit breaker for electrical protection against an overload
- Running time before refill 455h
- Can transport with up to 13 units per artic vehicle

Description	**Size** (mm)	**Total Height** (mm)	**Weight** (kg)
SWX300070 - X-ECO Hybrid Mobile Lighting Tower	H2420 x W2540 x D1390	8500mm	1110

Mobile Lighting Tower Comparison Chart









	X-ECO	X-Chain	Solar	X-ECO Hybrid
Code	SWX300000	SWX300050	SWX300060	SWX300070
Fuel / Power	Diesel	Electric / Plug-In	Battery / Solar Panels	Diesel / Battery
Lamp (W)	160W x 6	160W x 4	65W x 4	100W x 6
Total Height	8500mm	7000mm	8000mm	8500mm
Light Coverage	7,000sqm	4,200qm	2,400sqm	4,400sqm
HVO Emissions	28kg/month	Zero	Zero	6kg/month
Fuel Usage	0.54L/hrs	Zero	Zero	0.12L/hrs
HVO Fuel Costs	£114/month	Zero	Zero	£26/month
Run Time Before Refuel	200 hours	-	-	450 hours
Recharge Time	-	-	-	3 hours
Silent Running Time	-	365 nights	365 nights	10.5 hours
Run Time	200 hours	365 nights	365 nights	450 hours
QTY Per Artic	14	32	8	12