



Mobile Lighting Tower

Specification Sheet

SWX300000

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X-ECO Mobile Lighting Tower

The X-ECO LED is a diesel powered lighting tower designed for construction sites, highway works, trackside projects and outdoor events.

Equipped with 6 160W LED floodlights, it delivers bright, energy efficient illumination, while its dependable diesel engine supports extended operation between refuelling stops. Featuring an 8.5 metre hydraulic mast with 340° rotation, the X-ECO allows flexible light positioning across the work area. Its galvanised construction with a protective powder-coated finish is built for demanding site conditions, while the compact design, central lifting point and forklift pockets make transportation and handling straightforward.





Key Features

- 6 x 160W High Efficiency LED 48V floodlights
- Illumination coverage of up to 7000sqm
- 7-section vertical mast that extends to 8.5 metres, with 340° rotation
- Certified for wind speeds of 80 km/h
- 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

X-ECO Mobile Lighting Towers Specification

Description	**Size** (mm)	**Total Height** (mm)	**Weight** (kg)
SWX300000 - X-Eco 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 for construction sites, infrastructure projects and outdoor work areas.

Featuring four 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
- Certified for wind speeds of 110 km/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

Mobile Lighting Towers Specification

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 2,400m². 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
- 7-section telescopic galvanized vertical tower
- 8m total height & 340° rotation
- 4 x height adjustable stabilisers
- 4 x 65W High Efficiency LED heads
- Built-in battery charger
- 24V DC 400Ah battery pack (4 x batteries)
- Illuminated area 2400sqm
- Zero emissions, zero noise & zero fuel costs
- 8 Units per artic vehicle
- Dimmer selector switch for 100%, 75%, 50%, 25% light intensity

Solar Mobile Lighting Towers Specification

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

Hybrid Mobile Lighting Tower

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

Equipped with 6 100W LED floodlights, an 8.5m hydraulic mast and a hybrid diesel-lithium battery system, it provides powerful lighting while reducing fuel consumpt and operating noise. Its compact design, road-towable trailer and robust safety features make it a practical solution for demanding work environments.



Key Features

- 6 x 100W LED multi-directional & tiltable floodlights
- Mast height of 8.5 metres & 340° rotation
- 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
- Can be connected to the mains power supply
- Running time 11.5 hours from battery and fully recharges in 3 hours
- Covers 3000sqm illuminated area
- Can transport with up to 13 units per artic vehicle
- Integrated light sensor enables automatic switching in response to light condi
- Circuit breaker for electrical protection against an overload

Hybrid Mobile Lighting Towers Specification

Description	**Size** (mm)	**Total Height** (mm)	**Weight** (kg)
SWX300070 - Hybrid Mobile Lighting Tower	H2420 x W2540 x D1400	8500mm	1110

Mobile Lighting Tower Comparison Chart









	X-ECO	X-Chain	Solar	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	8500m	7000m	8000m	8500m
Light Coverage	3800sqm	4200qm	2400sqm	3000sqm
HVO Emissions	28kg/month	Zero	Zero	6kg/month
Fuel Usage	0.54L/hrs	Zero	Zero	0.12L/hrs ZERO
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	13	32	8	13