

light on your work



**X-ECO-HYBRID**  
**LITHIUM**  
4X100W - LED - 9M



**TRIME**

Lighting Towers



# X-ECO-HYBRID LITHIUM

4x100W - LED - 9M

Our engineers know that the market needs a new hybrid lithium lighting tower that is rugged, long lasting, safe but most important with same layout and dimensions of actually X.ECO. The X-ECO HYBRID LITHIUM has been created beginning from these characteristics with also a quick recharging time of 3hrs, silent operation of 17hrs and 30minutes and an overall running before first refill of over 625hrs.



- 4x100W High Efficiency LED heads
- silent operation of 17hrs and 30minutes and an overall running before first refill of over 625hrs.
- 625hrs running time before to do first refill
- On/Off switches - one for each lamp
- Multi-directionally adjustable and tiltable by hands floodlights
- 7 galvanized sections - Hydraulic lifting system  
Max height 8,5 meters
- Yanmar 2TNV 70 model diesel engine - 2 cylinders  
liquid cooled - 1500 rpm
- Synchronous alternator made from Linz - 3.5Kva rated  
output - 50Hz - IP23 degree of protection - Insulation class: H
- Noise level 0-65dB (at 7m)
- 50 liters fuel tank capacity
- Fully bundled
- 1 x Lithium battery
- Special batteries charger
- Frontal panel c/w DSE401 & Light sensor as std feature
- Electrical protection from overload and circuit breaker
- Simple, rugged machine design and layout
- Galvanized metalwork after 80 µm industrial powder coated
- Compact dimensions for easy handling & transportability
- Guided main coiled cable to avoid damage during tower operation
- Certified wind stability up to 110 km/h
- 4 side stabilizers - Central lifting eye - base c/w 4sides  
forklift pockets
- Road tow trailer ECC homologated

## APPLICATIONS

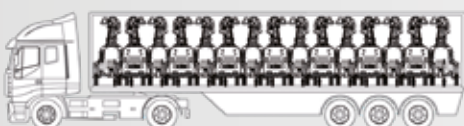
- Special events
- Rural & hard to reach areas
- Emergency response
- Construction & work sites
- Gas, oil & mining operations
- Military applications



Illuminated area  
**2000 sqm**



## Ease of transport and handling



**12**  
Units Per Truck



**You can place 12 units on a single vehicle thanks to one of the compactest footprints on the market.**

HIGH EFFICIENCY LED HEADS POWERED AT 24V DC



LIGHT SENSOR FEATURED AS STANDARD



SAFETY HYDRAULIC VERTICAL MAST

**lithium battery**

**leader in sustainability**

**compact easy to handle**

GALVANIZED BODY DURABLE ANTI-CORROSION PROTECTION

LITHIUM BATTERY



SAFETY AMOSS KIT  
AUTOMATIC MAST LOWERING SYSTEM



FORKLIFT POCKETS



technical data

| Dimensions & weight                |                |
|------------------------------------|----------------|
| Dimensions in transport (mm) LxWxH | 2540x1380x2500 |
| Dimensions in operation (mm) LxWxH | 2540x1550x8500 |
| Dry Weight (Kg)                    | 1090 Kg        |

| Mast                                |           |
|-------------------------------------|-----------|
| Lifting Method                      | Hydraulic |
| Maximum Height (m)                  | 8.5       |
| Maximum Wind Speed (km/h)           | 110       |
| Rotation (°)                        | 340°      |
| Safety valve to raise down the mast | Yes       |

| Generator              |              |
|------------------------|--------------|
| Model                  | Linz         |
| Rated Output           | 3.5Kva       |
| Outlet socket          | N/A - option |
| Rated frequency        | 50Hz         |
| Noise level (dB at 7m) | 0 - 65       |

| Engine        |                               |
|---------------|-------------------------------|
| Maker, model  | Yanmar 2TNV 70, liquid cooled |
| Layout, power | 2cylinders, 1500 rpm          |

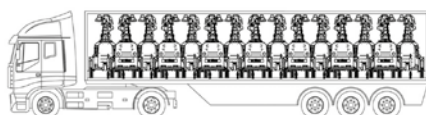
| Consumption                   |          |
|-------------------------------|----------|
| Fuel tank capacity (l)        | 50       |
| Engine Fuel consumption (l/h) | 0,55 l/h |
| Runtime before refuelling (h) | 625 hrs  |

| Hybrid mode                             |               |
|---|---------------|
| Running time from battery               | 17 hrs 30 min |
| Re-Charging time (with floodlights OFF) | 3 hrs         |
| Complete discharge/charge cycle         | 20 hrs 30 min |
| Hybrid mode consumption                 | 0,08 l/h      |

| Battery Pack |         |
|--------------|---------|
| Type         | Lithium |
| Battery pack | 1pc     |

Standard load delivery

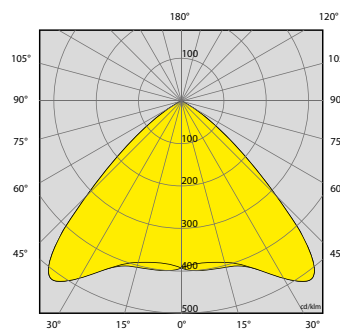
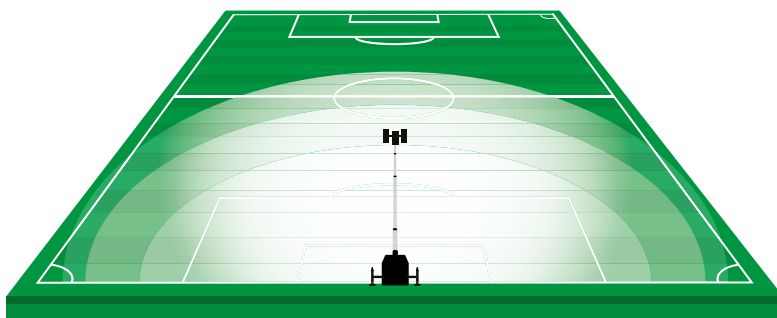
**12 sets**



Units Per Truck

Illuminated area

**2000 sqm**



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