

ENGINE POWERED

designed and created  
for your needs

Designed to provide  
an exceptional level  
of performance  
for every work on site  
ensuring the right  
balance between power  
and ease of use

**X-ECO**

6X160W 48V LED - 8,5M

LED TECHNOLOGY

**7000 sqm**  
Illuminated area

**45%**  
reduce  
transport costs



more sustainable  
and environmentally  
friendly future

**TRIME**<sup>®</sup>  
Lighting Towers

# X-ECO

6X160W 48V LED - 8,5M

LED TECHNOLOGY

## 7000 sqm

Illuminated area

### RUNNING TIME

110 litres tank  
200 h  
fuel consumption 0,55 l/h

### NOISE

level 65 dB(A) at 7m

very compact dimensions

45%  
Reduction in Yard Space

### APPLICATIONS



Constructions



Mining operations



Emergency



Events



Military applications

### FEATURES

- ✓ Multi-directionally adjustable and tiltable floodlights
- ✓ 6x160W, 48V LED lights
- ✓ 48V power between the generator and the lights
- ✓ 7 sections hydraulic vertical tower 8,5 m, 340° rotatable
- ✓ Galvanized metalworks
- ✓ 80 µm powder coating
- ✓ **Very compact dimensions, up to 14 units per truck**
- ✓ Central lifting eye, longitudinal and transversal forklift pockets for effective handling
- ✓ Plug & play, colour coded cables and connectors
- ✓ IP67 level protection certified
- ✓ Guided main coiled cable to avoid damage during tower operation
- ✓ Digital control panel and fuel level indicator
- ✓ Circuit breaker for electrical protection against overload
- ✓ External emergency stop button
- ✓ **Fully bunded tank, 110%**
- ✓ Certified wind stability up to 110 km/h
- ✓ 4 height adjustable stabilizers
- ✓ On board levels for guidance during stabilization
- ✓ **Amoss safety break**



### 14 units per truck

Safe packaging and loading  
allowing quick unloading



easy handling & transportability

## ENGINE POWERED



### Dimensions & weight

Dimensions min (mm) 2540x1390x2420 (LxWxH)

Dimensions max (mm) 2540x1550x8500 (LxWxH)

Total weight (kg) 920

### Floodlights

Type **Led**

Power (each) **160W**

Floodlights number **6**

Options **Timer**

Illuminated area (sqm) **7000**

### Mast

Lifting method **Hydraulic**

Max Height **8,5 m**

Rotation **340°**

Max Wind Speed **110 km/h**

### Alternator

Model **Synchronous**

Frequency (Hz) **50**

Insulation class **H**

Degree of protection **IP 23**

Single phase voltage **3,5kVA - 230V**

Auxiliary outlets **1,2 kVA**

### Engine

Model **Kubota Z482\***

Fuel **Diesel**

r.p.m. **1500**

Tank capacity (l) **110**

Consumption (l/h) **0,55**

Running time **200 h**

Noise level dB(A) at 7m **65**

\* May vary based on stock availability. However, Yanmar primary equivalent brand eventually will be used

| X-ECO vs Standard              | Standard lighting tower | X-ECO lighting tower | Monthly Savings when using X-ECO light tower |
|--------------------------------|-------------------------|----------------------|----------------------------------------------|
| Fuel usage                     | 1,93 l/h                | 0,55 l/h             | 1.38 l/h                                     |
| Fuel costs per month           | € 550,00                | € 150,00             | € 400,00                                     |
| CO <sub>2</sub> Emission month | 1.224 kg                | 336 kg               | 888 kg                                       |
| Run time on fuel tank          | 60 h                    | 200 h                | 140 h                                        |
| Lamp type                      | Metal halide            | Led                  | -                                            |
| Light sensor                   | Optional                | Standard             | -                                            |
| Amoss kit                      | Optional                | Standard             | -                                            |



## TRIME®

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