

ENGINE POWERED

designed and created  
for your needs

LED TECHNOLOGY

**9300 sqm**  
Illuminated area

**45%**  
reduce  
transport costs

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**

4x320W 48V LED - 8,5M



more sustainable  
and environmentally  
friendly future

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

### 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
- ✓ 4x320W, 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
- ✓ 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 bundled tank, 110%**
- ✓ Certified wind stability up to 110 km/h
- ✓ 4 height adjustable stabilizers
- ✓ On board levels for guidance during stabilization
- ✓ **Amoss safety break**



### Dimensions & weight

Dimensions min (mm)	2540x1390x2420 (LxWxH)
Dimensions max (mm)	2540x1550x8500 (LxWxH)
Total weight (kg)	932

### Floodlights

Type	Led
Power (each)	320W
Floodlights number	4
Options	Timer
Illuminated area (sqm)	9300

### 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 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	-



### 14 units per truck

Safe packaging and loading  
allowing quick unloading



easy handling & transportability



**TRIME®**

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