

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[®]
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**

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 ₂ Omission 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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