designed and created

for your needs

speed

LED TECHNOLOGY
7000 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

6x160W 48V LED - 8,5M

more sustainable
and environmentally
friendly future

X-ECO

TRIME

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 tp 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

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 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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