

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[®]
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**



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)	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 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	-