

light on your work



X-SOLAR

HYBRID
4X100W LED- 9M



TRIME

Lighting Tower Specialist








X-SOLAR HYBRID

4x100W LED- 9M

Our engineers know that the market needs a Hybrid Solar lighting tower that is innovative, long lasting and safe. The Hybrid Solar has been created beginning from these characteristics. It is the best solution to your needs and guarantees REAL 2400 sqm of illuminated area. 4 units can be loaded on a standard truck. To all of this, we add the technology that allows you to have maximum fuel efficiency and cost reduction. We provide the highest quality of mobile solar lighting in the market. Towers are designed for every application and severe working condition. The best GREEN footprint.

APPLICATIONS

-  Special event
-  Rural & hard to reach areas
-  Construction & work sites
-  Gas, oil & mining operations
-  Military applications



8,5 m



Kg 1890



340°



2400 sqm



300(l) - 0,55(l/u)



battery



solar panel



- Multi-directionally adjustable and tiltable floodlights
- 7 sections vertical tower 8,5 m, 340° rotatable
- Galvanized metalworks
- 80 µm powder coating
- Transversal forklift pockets for effective handling
- Plug & play, colour coded cables and connectors
- Guided main coiled cable to avoid damage during tower operation
- Certified wind stability up to 110 km/h
- 4 height adjustable stabilizers + front jockey wheel
- On board levels for guidance during stabilization
- Running time complete cycle 51 h
- 24 volt DC Battery
- Recharging in 9 hours
- 230V 1PH Battery charger built-in



4
Units Per Truck



You can place 4 units on a single vehicle thanks to one of the compactest footprint on the market

LED
TECHNOLOGY
2400 sqm



SAFETY HYDRAULIC VERTICAL MAST

MANUAL INCLINATION SOLAR PANEL

4 ADJUSTABLE AND EXTENDABLE STABILIZERS

own construction site
building maintenance
project WARNING
structure repair
construction prohibition
lower structure caution
structure town
city industrial
recycling site
downtown
building site
progress forbidden
structure city
industrial
recycling site
downtown
building site
progress forbidden

Dimensions & weight

Dimensions min. (mm)	3800X1656X2694
Dimensions max (mm)	3800X2730X9000
Total weight	Kg1890

Floodlights

Type	LED
Power (each)	100W
Floodlight number	4
IP level	65
Illuminated (5 lux min.) (m ²)	2400

Mast

Lifting method	Hydraulic
Maximum Height	8,5 m
Maximum Wind Speed	110 km/h
Rotation	340°

Generator

Model	Linz Alumen SB
Rated Output	3,5 kVA
Rated Frequency	50 Hz
Rated Voltage	230 V

Batteries

Type	AGM
Batteries number	8
Power Battery pack	24V DC 800 Ah
Expected battery cycle	500
Battery life time	25500 h

Solar Panel

Power	335 W
Type	1xLG200
Solar panel deployment	manual
Solar charge control	MPPT 75V/15V

Engine

Type	Kubota Z482
Governor	Electronic
Number of cylinder	2
Displacement	479 cm ³
Engine speed	1500 rpm
Fuel consumption	0,55 l/h
Cooling system	liquid

General

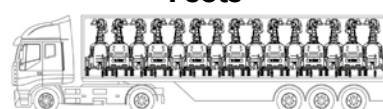
Engine battery	12 V - 62 Ah
Running time before refill	3000 h
Fuel tank capacity	300 l

Option

Lifting method	Manual
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Standard load delivery

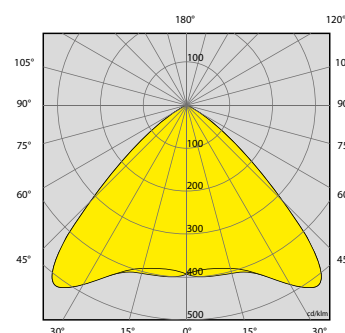
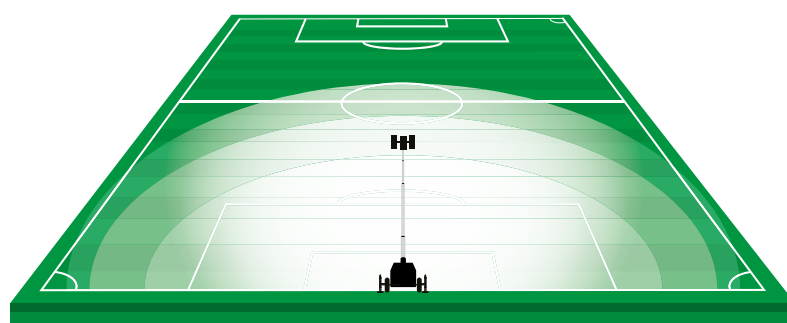
4 sets



Units Per Truck

Illuminated area

REAL 2400 sqm



TRIME s.r.l.

Strada per Robecco, snc
20081 Cassinetta di Lugagnano (MI) - Italy
Tel. +39 02 942 1724
Sales Dept. +39 0382 406 252
www.trime.it - info@trime.it