

light on your work

www.legion-tehno.ru



X-HYBRID

4x150W - LED - 9M



TRIME

Lighting Tower Specialist



ЛЕГИОН-ТЕХНО

профессионализм - дело техники



X-HYBRID

4X150W - LED - 9M

Our engineers know that the market needs a lighting tower that is rugged, long lasting and safe. The X-HIBRID has been created beginning from these characteristics. It is the best solution to your needs and guarantees 3000 sqm of illuminated area. 20 units can be loaded on a standard truck. To all of this, we added the technology that allows for maximum fuel efficiency and reliability.



- Multi-directionally adjustable and tiltable floodlights
- 7 sections hydraulic vertical tower 8,5m, 340° rotatable
- Standard light sensor for machine power on and off
- Galvanized metalworks
- 80 µm powder coating
- Very compact dimensions for easy handling & transportability, up to 20 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
- Control panel alarms for engine protection 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 extendable & height adjustable stabilizers
- On board levels for guidance during stabilization



APPLICATIONS

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



20
Units Per Truck



You can place 20 units on a single vehicle thanks to one of the compactest footprints on the market.

LED
TECHNOLOGY
3000 sqm

100%
made in ITALY

leader
in sustainability

easy
to Handle

LIGHT SENSOR
FEATURED AS STANDARD

SAFETY HYDRAULIC
VERTICAL MAST

48 VOLT COILED CABLE

GALVANIZED BODY
DURABLE ANTI-CORROSION
PROTECTION

WORKING TIME 36/72 H

own construction site
AD building maintenance
ing danger project WARNING
tower structure repairing
gress structure town caution lower
forbidden city repairing site
industry downtown site
caution danger building
on town



technical data

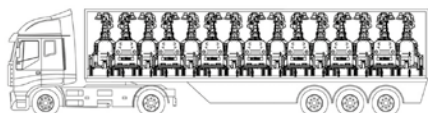
Dimensions & weight	
Dimensions min. (mm)	1200 x 1200 x 2560
Dimensions max. (mm)	2520 x 2520 x 8500
Total weight without fuel	1140 Kg

Features	
Rotation	340°
Floodlights	4x150W
IP Level	67
Options	Timer

Alternator	
Model	Linz Alumen SB
Rated output Kva	3.5
Frequency Hz	50
Voltage V	230
Insulation class	H
Degree of Protection	IP23

Standard load delivery

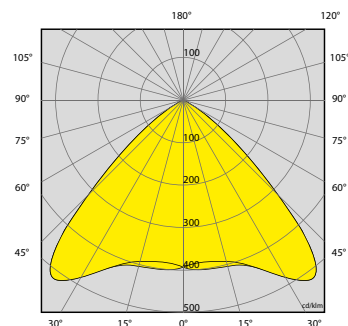
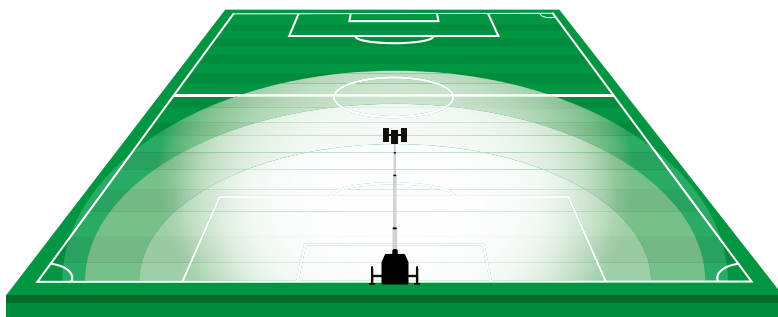
20 sets



Units Per Truck

Illuminated area

3000 sqm



Engine	
Model	Kubota Z482
Fuel	Diesel
rpm	1500
Tank capacity (l)	150
Fuel consumption (l/h)	0,55
Running time hrs	827
Noise level at 7mt	62

Batteries	
Type	AGM ZL 06 130
Batteries number	4
Batteries pack	24V DC 400 Ah
Expected battery cycle	500
Expected battery life time (h)	13000

Hybrid mode	
Running time (h)	18
Charging time with LED's ON (h)	9
Charging time with LED's OFF (h)	9
Complete discharge / charge cycle (h)	26
Hybrid mode consumption (l/h)	0,17



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