



# ITALTOWER®

HEAVY DUTY LIGHTING TOWERS

## Astrid Hybrid Lithium

6x100W LED | 8.5m



LOW EMISSIONS LIGHTING TOWERS

# Astrid Hybrid Lithium 6x100W LED | 8.5m

The Astrid Hybrid Lithium is a hybrid mobile light pole with many advantages. With the high-quality lithium battery pack you can operate autonomously for up to 11.5 hours without CO<sup>2</sup> emissions and noise.

With the high-quality Yanmar engine, the total autonomy is no less than 1000 hours.

Thanks to the compact design, you can load as many as 11 light poles onto a truck.

This mobile light pole is equipped with a day-night sensor and Amoss system as standard



**Events**  
Long autonomy, no emissions and sound.



**Rental**  
Easy to use, long autonomy, low fuel consumption.



**Build**  
Durable, robust and developed for intensive use.



**11x**

13,5 m



**11x**

12 m

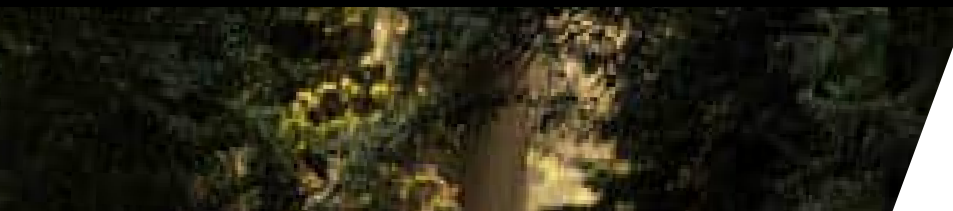


**AUTONOMY**

**LIGHT AREA**

**COST SAVING**

**FOOTPRINT**



## Lifting

Galvanized mast 8.5 meters  
Hydraulic lifting

## Lighting

High-quality IP65 LED lamps.  
Lifespan of 50,000 hours.

## Power

Comap AMF25 Controller  
4 x 200 AH Crystal batteries

## Rotation

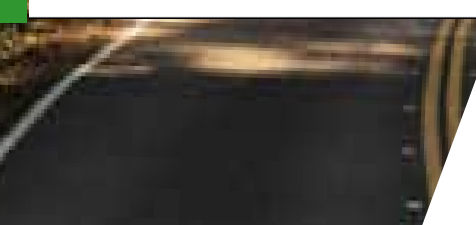
The mast can easily be rotated up to 350 degrees. With two ergonomic handles.

## Amoss-kit

The mast lowers automatically.  
If the handbrake is not applied.

## Stabilizers

High-quality stabilizers.  
Easy to use





### Lighting

Lamps	6x 100W
Lumen	78.000
Illuminated surface	3300 m <sup>2</sup>

### Engine / fuel

Model	Yanmar 2TNV70 diesel
Speed	1500 rpm
Cooling	Water
Cylinders	2
Consumption	0,55 l/hour (with lighting on)
Fuel tank capacity	120 liter
Autonomy (hybrid mode)	1000 hour

### Generator

Type	Linz Alumen
Output	3,5 Kw

### Battery pack

Type	Lithium Battery
Number	1
Charging time	3 hour
Lighting on full battery	11,5 hour
Assets	25.9 Vdc 200 Ah
Expected number of cycles	3100 (bij 25°C)
Expected lifespan	8-11 year

### Mast

Height	8.5 m
Lifting	Hydraulic
Rotation	350 °
Maximum wind speed	110 km/h

### Trailer and enclosure

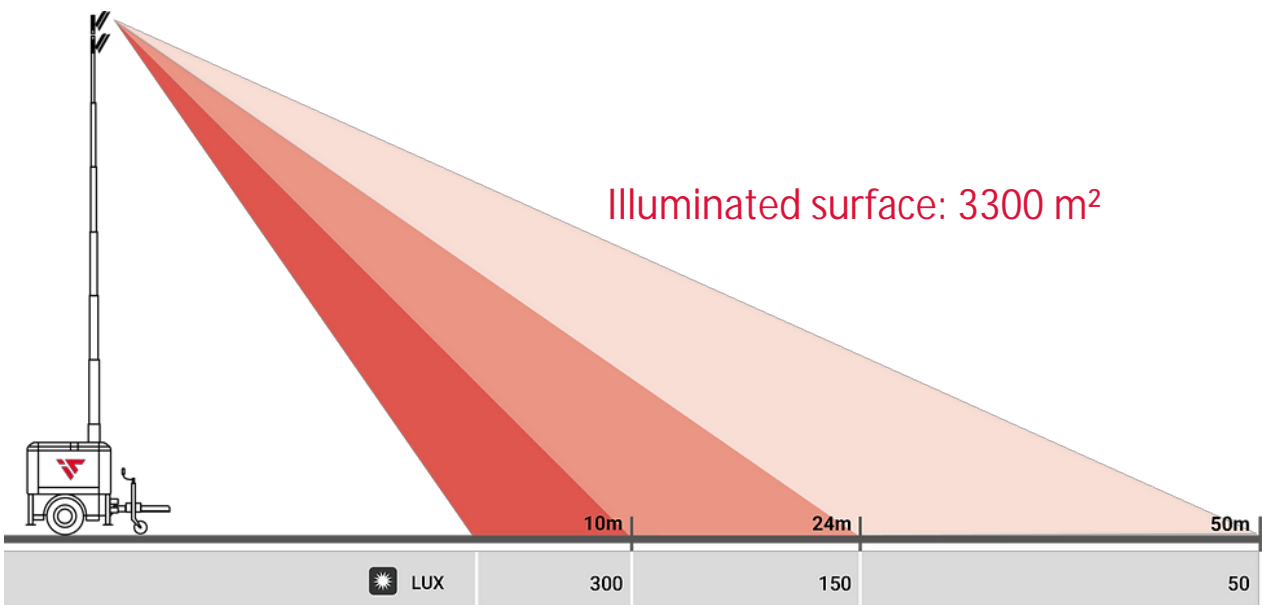
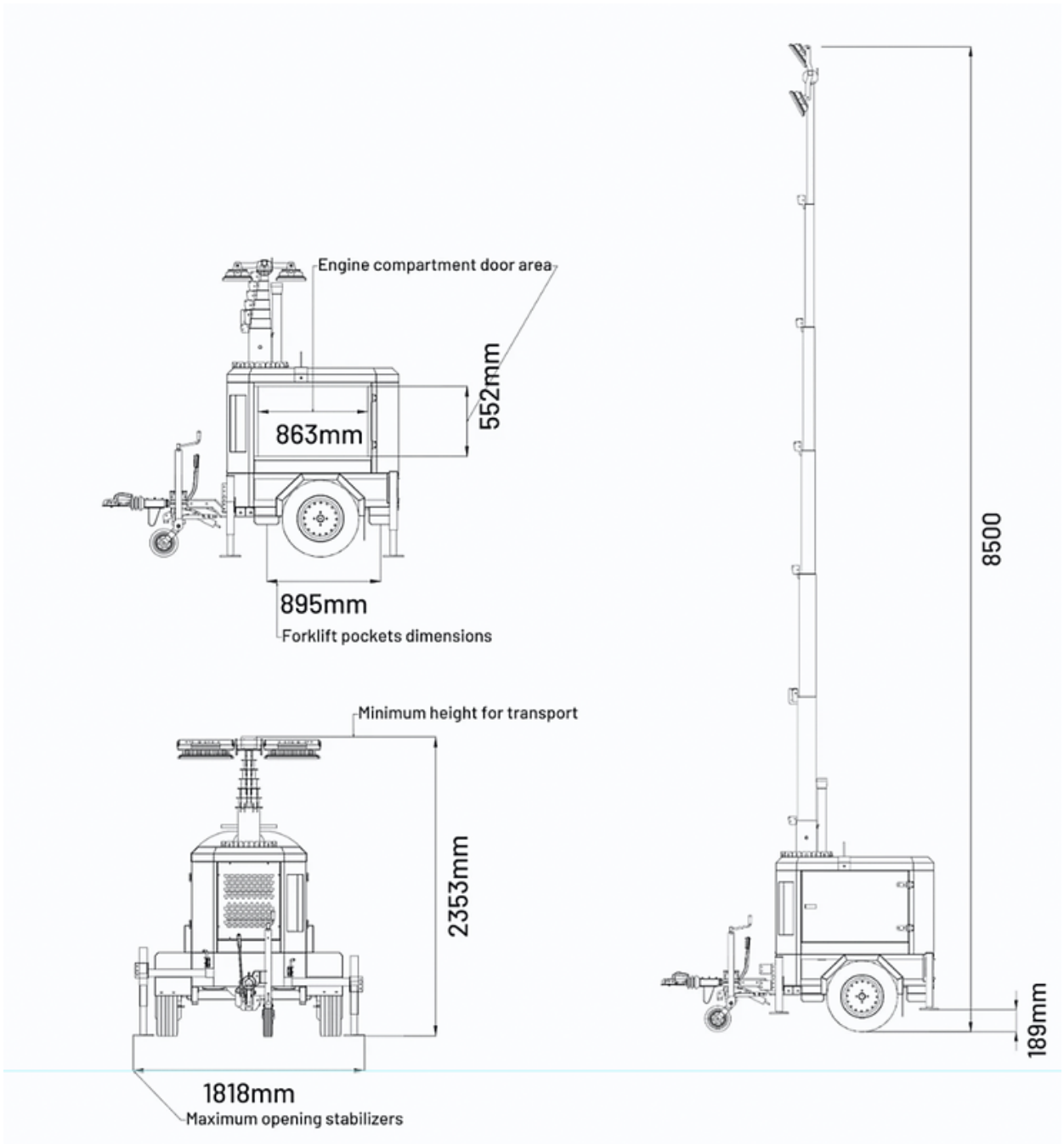
Trailer	For public roads
Tires	185/80R13
Number of stabilizers	4 + 1 (wheel)
Protection	Powder Coating

### Dimensions

Dimensions when retracted LxWxH	237 x 147 x 240 cm.
Dimensions extended LxWxH	237 x 182 x 8500 cm.

### Overige

Noise level	61 dB
Controller	Comap AMF25 Standaard
Options	Amoss-kit Day-Night sensor









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