



## ITALTOWER MANTIS PRO01 LIGHTING TOWER 4x320 W MULTILED WITH HOMOLOGATED TROLLEY AND GENERATOR STAGEV

Reference: MANTIS\_PRO01

### ITALTOWER MANTIS PRO01 LIGHTING TOWER 4x320 W MULTILED WITH HOMOLOGATED TROLLEY AND GENERATOR STAGEV

Italtower Mantis PRO01 is a high-efficiency light tower designed to provide illumination in outdoor or large-scale work areas, such as construction sites, sports fields, storage areas, and large outdoor events. This model is equipped with four powerful multiled lamps, each with 320 W, providing intense and uniform light, ensuring optimal visibility even in low-light conditions.

The compact design and approved trolley of Italtower Mantis PRO01 allow for easy relocation of the light tower to different positions without compromising its stability or safety. Additionally, the built-in STAGEV generator provides exceptional energy efficiency and long-term operational autonomy without the need for an external power source.

Italtower Mantis PRO01 is designed to withstand the most severe weather conditions, thanks to its high-quality stainless steel structure and corrosion-resistant finish. Furthermore, the light tower is equipped with an automated tilting system, allowing the angle of illumination to be adjusted according to the specific needs of the work area.

The multiled technology of Italtower Mantis PRO01 offers a longer lifespan, higher efficiency, and better color rendering compared to traditional lamps. This results in reduced long-term operating costs and a smaller carbon footprint, making the light tower an environmentally friendly and sustainable lighting option for outdoor use.

The integrated approved transport trolley within the light tower's structure allows for easy movement and relocation. The compactness and durability of this light tower make it ideal for use in areas with extreme weather conditions. The lighting tower is designed to be easily transportable, thanks to its sturdy yet lightweight structure and the presence of transport wheels.

### STAGEV EMISSIONS REGULATIONS

The engine is equipped with a "mobile" STAGEV motorization, as required by European Regulation 2016/1628. These new motorizations exponentially reduce particulate and nitrogen oxide emissions released into the environment by the generator, ensuring a 200% reduction in environmental impact compared to standard motorizations.

### TECHNICAL SPECIFICATIONS OF ITALTOWER MANTIS PRO01 LIGHT TOWER

Number of lights: 4  
Lamp power: 320 W LED  
Lumen: 166,000 lm  
Illuminated area: 5,000 sqm  
Phase type: Single-phase  
Maximum power: 3.5 KW  
Voltage: 230 V  
Frequency: 50 Hz

Control unit: Deep Sea 3110  
 Engine: Kohler KDW702  
 Fuel: Diesel  
 Speed: 1500 rpm  
 Coolant: Liquid  
 Emissions regulation: Stage V  
 Alternator: Linz Alumen  
 Tank capacity: 110 l  
 Autonomy: 200 h  
 Consumption: 0.55 l/h  
 Maximum height: 7 m  
 Lifting system: Manual  
 Rotation: 350°  
 Wind resistance: 110 Km/h  
 Sound Pressure Level: 65 dB(A) @ 7 m  
 Trolley: Approved towable trolley  
 Stabilizers: 3  
 Closed dimensions (W x L x H): 1600 x 1400 x 2630 mm  
 Open dimensions (W x L x H): 1600 x 1400 x 7000 mm  
 Dry weight: 597 Kg

Looking for a light tower with different features? [HERE](#) you can find the entire range of ITALTOWER towers or other specialized brands.

Images and technical data are not binding and may be subject to revisions by the manufacturer.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	3.5
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	Kohler KDW702
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Cooling	Coolant Liquid
Alternator	Linz Alumen
Type of lamps	LED
Lamps	4 x 320 W
Telescopic pole	Vertical
Illuminated area (m <sup>2</sup> )	5000
Total lumens (Lm)	166000
Lifting System	Manual lifting system
Maximum height (m)	7
Mast rotation	350°

Open size (mm)	1600 x 1400 x 7000
Closed size (mm)	1600 x 1400 x 2630
With generator / Without generator	With generator
Transportability	Fast Trailer
Stability to wind (Km/h)	110
Fuel tank capacity (L)	110
Consumption (L/h)	0.55
Running time (h)	200
Dry weight (Kg)	597
Voltage regulator	AVR
Engine manufacturer	Kohler