



## ITALTOWER MANTIS PRO05 LIGHT TOWER 4x320 W MULTILED WITH HOMOLOGATED TROLLEY AND GENERATOR STAGEV

Reference: MANTIS\_PRO05

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ITALTOWER MANTIS PRO05 light tower with Kohler 15KD350 StageV Diesel engine, equipped with approved towing and manual lifting system with 4 320W multi-LED floodlights.

Thanks to the 4 LED projectors, the ITALTOWER MANTIS PRO05 is able to light tower up an area of 5000 square meters with an intensity of 1000mA. maximum brightness of 166000 lm. The lighthouse tower is equipped with a galvanized upright with a hydraulic lifting system which allows the projectors to be raised to a maximum height of 7 m. This lighting tower is designed to be used as a lighting tower. ideal for use on construction sites, mining sites, outdoor events, sports fields and other places that require night lighting.

The ITALTOWER MANTIS PRO05 equipped with **electric start** with 12 V battery, and is equipped with an electric start. equipped with **DeepSea 3110** control unit which allows you to view all the electrical parameters of the engine and generator, the functions, the status of the generator set, manage the entire group and view, if any, errors or system alarms.

The **approved transport trolley** integrated into the structure of the ITALTOWER MANTIS PRO05, allows it to be transported or relocated in a very simple way. The compactness and strength of this tower make it ideal for use in areas with extreme climatic conditions. designed to be easily transportable, thanks to its robust but light structure and the presence of transport wheels. It is also easy to install

### STAGEV EMISSION REGULATIONS

The generator set ITALTOWER MANTIS PRO05 is ready for use. equipped with a "mobile" STAGEV engine, as required by European Regulation 2016/1628. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides supplied by the generator into the environment, and guarantee a 200% reduction in environmental impact compared to standard engines.

### TECHNICAL FEATURES OF ITALTOWER MANTIS PRO05:

Number of lights: 4  
Lamps power: 320 W LED  
Lumen: 166000 lm  
Illuminated area: 5000 m<sup>2</sup>  
Phase type: Single phase  
Maximum power: 4.2 kW  
Voltage: 230 V  
Frequency: 50 Hz  
Control unit: Deep Sea 3110

Motor: Kohler 15KD350  
 Fuel: Diesel  
 Revolutions: 3000 rpm  
 Refrigerant: Air  
 Emissions standard: Stage V  
 Alternator: Linz Alumen  
 Capacity; tank: 110 l  
 Autonomy: 200 h  
 Consumption: 0.55 l/h  
 Maximum height: 7 m  
 Lifting system: Manual  
 Rotation: 350°  
 Wind resistance: 110 Km/h  
 Acoustic pressure: 65 dB(A) @ 7 m  
 Carriage: Approved towing trolley  
 Stabilizers 2 + 2 (wheels)  
 Closed dimensions (LxWxH): 1600 x 1400 x 2350 mm  
 Open dimensions (LxWxH): 1600 x 1400 x 7000 mm  
 Dry weight: 597 Kg

Are you looking for a ITALTOWER MANTIS PRO05 with different characteristics? [HERE](#) you can find the entire range of ITALTOWER towers or other specialized brands.

The 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)	4.2
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	Kohler 15KD350
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Cooling	Air
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 2350
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