HIMOINSA
A YANMAR COMPANY

MODEL

# HCompact+ M5

**HCompact+**

Powered by YANMAR

**8,3 meters**
Maximum Height

**210.000**
Lumens

**360º manual**
Rotation

SINGLE PHASE

FREQUENCY

R.P.M.

WATER-COOLED

LED

**Hydraulic**
Lifting system

DIESEL

STAGE V



**HIMOINSA Company with quality certification ISO 9001**
**HIMOINSA gensets are compliant with EC mark which includes the following directives:**

- 2006/42/CE Machinery safety.
- 2006/95/EC Low voltage.
- 2014/30/UE Electromagnetic compatibility.
- 2014/35/UE electrical equipment designed for use within certain voltage limits
- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC)
- 97/68/EC Emissions of gaseous and particulate pollutants. (amended by 2012/46/EU)
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2005 normative: 1000 mbar, 25ºC, 30% relative humidity.

**Prime Power (PRP):**
According to ISO 8528-1:2005, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

**HIMOINSA HEADQUARTERS:**
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**Manufacture facilities:**
SPAIN • FRANCE • INDIA • CHINA • USA • BRAZIL • ARGENTINA

**Subsidiaries:**
PORTUGAL | POLAND | GERMANY | UK | SINGAPORE | UAE | PANAMA | DOMINICAN REPUBLIC | ARGENTINA | ANGOLA | SOUTH AFRICA

Index of technical icons used in this catalogue

| | | | | | |
|---|---|---|---|---|---|
| Water-cooled | Manual | 1500 1800 r.p.m. | KIT Kit | Metal halide Quartz iodine | Maximum Height |
| Air-cooled | Hydraulic | 3000 3600 r.p.m. | 360 Rotation | LED | Lumens |

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## Specifications

| | | |
|---|---|---|
| Power (P.R.P) | kVA | 2,8 |
| Voltage (2+N) | V | 230 |
| Maximum dimensions | (L x W x H) | 2906 x 1857 x 8300 |
| Minimum dimensions | (L x W x H) | 2550 x 1360 x 2487 |
| Weight | Kg | 970 |
| Fuel tank capacity | L | 100 |
| Tank refilling | | Internal |
| Autonomy | Hours | 180 |
| Noise level (power at 7m) | | 83 LWA - 53 dB(A) |

## Engine Specifications 1.500 r.p.m.

| | | |
|---|---|---|
| Model | | YANMAR 2TNV70WHR |
| Engine Type | | 4-stroke diesel |
| Injection Type | | Indirect |
| Aspiration Type | | Natural |
| Number of cylinders and arrangement | | 2-L |
| Bore and Stroke | mm | 70 x 74 |
| Displacement | L | 0,57 |
| Cooling System | | Coolant |
| Lube Oil Specifications | | SAE 3 class 10W30 / API grade CD,CF |
| Compression Ratio | | 23,4 |
| Governor | Type | Mechanical |
| Air Filter | Type | Dry |
| Inner diameter exhaust pipe | mm | 40 |

## Generator

| | | |
|---|---|---|
| Poles | nº | 4 |
| Connection type (standard) | | Series |
| Mounting type | | SS-5 7"1/2 |
| Insulation | Class | H class |
| Enclosure (according IEC-34-5) | | IP21 |
| Exciter system | | Self-regulated brushless |
| Voltage regulator | | Capacitor |
| Bracket type | | Single bearing |
| Coupling system | | Flexible disc |
| Coating type | | Standard (Vacuum impregnation) |



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## Mast

| | | |
|---|---|---|
| Mast type | | Hydraulic |
| Mast sections | | 8 |
| Raising / lowering time | | 13/25 |
| Rotation | | 360º manual |
| Double safety block | | Standard |
| Lamps | nº | 4 x 350 W |
| Lamps type | | LED |
| Total lumens | lm | 4 x 52.500 = 210.000 |
| Remaining power | kW | 1,4 |

## Bodywork

| | |
|---|---|
| Canopy | Polyethylene |
| Retention tray | Sí |
| Auxiliary sockets | 1 x 16 Amp |
| Auxiliary input supply socket | 1 x 16 Amp |
| Lifting hook | Standard |

## Chassis

| | |
|---|---|
| Chassis traction kit | Standard |
| Signalling lamps | Standard |
| Wheels | |
| Stabilisers | 4 |
| Bracket holders | Standard |

## Control panel

| | |
|---|---|
| Control and protection panel | CET8 manual controller |
| Thermal magnetic switches to protect the spotlights and auxiliary sockets | Standard |
| Manoeuvring push buttons | Joystick (For ascend and descend) |



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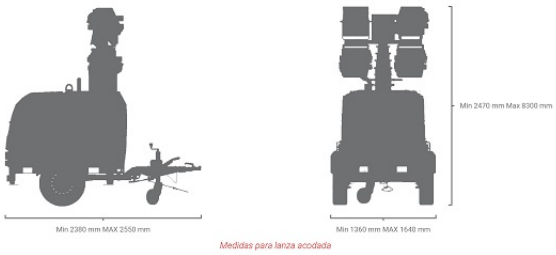
## Dimensions




| | | |
|---|---|---|
| Maximum dimensions | (L x W x H) | 2906 x 1857 x 8300 |
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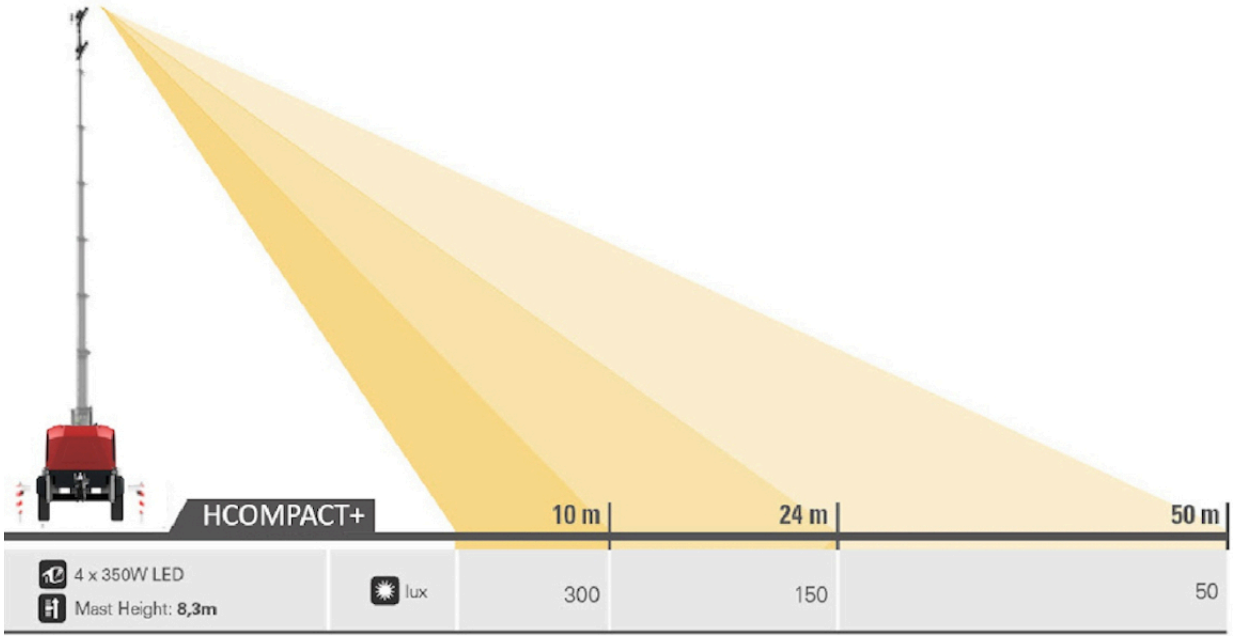
DIMENSIONS CORRESPOND TO THE TOWERS MOUNTED WITH FLOODLIGHTS

| | | | |
|---|---|---|---|
| *** Amounts related to mounted towers** | 5 Units * | 10 Units * | 12 Units * |



## Light range

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## Features

### Electrical System Container

· Maintenance-free and anti-explosion battery
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### Lighting tower

· Emergency stop
· Wide accesses for maintenance and control
· The tower is prepared for road transportation
· Jockey wheel included
· Electrical connections for signalling lights (brakes lights, turning lights), reflectors and hand brake
· Hydraulic telescopic mast with 8 sections
· Bubble level located at the bottom of the mast
· 4 extensible stabilizers to guarantee stability
· Output manifold
· Tilting lights until 180º
· Lifting hook and cavities for forklift forks on all 4 sides
· Light sensor at the top of the mast
· Area Coverage > 20 lux : 6400 m2
· Light power control system
· Reaches a total working height of 8.3 m
· Heavy Duty polyethylene body
· AMOSS system. Guarantees that it can only be transported with the mast lowered
Optional : · C4Cloud

### Electric System of the Lighting Tower

· Electric panel for control, protection and managing
· CET8-Controller
· Managing joystick (For ascent and descent)
· Electrical control panel with earth leakage protection
· Siren
· Thermal magnetic switches for spotlights and auxiliary sockets
· The raising and descent of the mast is controlled only through 12 Vdc from the battery

Himoinsa has the right to modify any feature without prior notice.
Weights and dimensions based on standard products. Illustrations may include optional equipment.
Technical data described in this catalogue correspond to the available information at the moment of printing.
Industrial design under patent.

Local Distributor



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