

ENGINE POWERED

**X-ECO**

6X160W 48V LED - 8.5M

**designed and created  
for your needs**



Reduction of CO<sub>2</sub> by  
1000+ kg per month



Run time of 200 hours



Fuel Saving of £336 per month



7000 sqm Bright, Instant  
LED light

**For a more sustainable  
& environmentally  
friendly future**



**TRIME<sup>®</sup>**

Lighting Towers

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Remove the comma and add a dot and also, a space and then KVA all in capitals  
All capitals on KVA  
Change the comma to a dot



**12 units per truck**  
Safe packaging and loading  
allowing quick unloading

#### APPLICATIONS



Construction



Mining operations



Emergency



Events



Military applications

#### FEATURES

- ✓ Multi-directionally adjustable and tiltable floodlights
- ✓ 6x160W, 48V LED lights
- ✓ 48V power between the generator and the lights
- ✓ 7 section hydraulic vertical tower 8.5 m, 340° rotatable
- ✓ Galvanised metalworks
- ✓ 80 µm powder coating
- ✓ Very compact dimensions, up to 12 units per truck
- ✓ Central lifting eye, 4 side forklift pockets for effective handling
- ✓ Plug & Play, colour coded cables and connectors
- ✓ IP67 level protection certified
- ✓ Guided main coiled cable to avoid damage during tower operation
- ✓ Digital control panel 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 height adjustable stabilisers
- ✓ On board levels for guidance during stabilisation
- ✓ Amoss safety system

#### Dimensions & Weight

|                     |                        |
|---------------------|------------------------|
| Dimensions min (mm) | 2540x1390x2420 (LxWxH) |
| Dimensions max (mm) | 2540x1550x8500 (LxWxH) |
| Total weight (kg)   | 920                    |

#### Floodlights

|                        |       |
|------------------------|-------|
| Type                   | LED   |
| Power (each)           | 160W  |
| Floodlights number     | 6     |
| Options                | Timer |
| Illuminated area (sqm) | 7000  |

#### Mast

|                |           |
|----------------|-----------|
| Lifting Method | Hydraulic |
| Max Height     | 8.5 m     |
| Rotation       | 340°      |
| Max Wind Speed | 110 km/h  |

#### Alternator

|                      |                |
|----------------------|----------------|
| Model                | Synchronous    |
| Frequency (Hz)       | 50             |
| Insulation class     | H              |
| Degree of protection | IP 23          |
| Single phase voltage | 3.5 KVA - 230V |
| Auxiliary outlets    | 1.2 KVA        |

#### Engine

|                         |              |
|-------------------------|--------------|
| Model                   | Kubota Z482* |
| Fuel                    | Diesel       |
| r.p.m.                  | 1500         |
| Tank capacity (l)       | 110          |
| Consumption (l/h)       | 0.55         |
| Running time            | 200 h        |
| Noise level dB(A) at 7m | 65           |

\* May vary based on stock availability. However, Yanmar primary equivalent brand eventually will be used



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