

WCDE-MLK-4G-VW

Hydraulic Light/Equipment Tower with Diesel Engine Generator and Trailer - Mast Head Included

Product ID: 145948

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

WCDE-MLK-4G-VW Light/Equipment Tower w/ Hydraulic Mast & Trailer

Tower Dimensions: 25.5' Raised / 4.5' Lowered

Generator Runtime: 80+ Hours on Single Tank

Weight: 1000 lbs

Ambient Operating Temperature: -40°C to +85°C

Wiring: Equipment Wiring Harness & Towing Harness

Tower Material: Galvanized Steel

Enclosure Rating: NEMA 3R

Generator: 8kW Marathon Generator

Fuel Capacity: 45 Gallons

Quick Summary

Equipment Wiring Harness & Towing Harness

Hydraulic Mast

359° Rotating Tower

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The WCDE-MLK-4G from Larson Electronics is a trailer with a hydraulic light mast and generator that offers tough and durable construction, reliable and efficient performance in an easy to operate, self-contained portable unit. This hydraulic light mast and generator features a 45 gallon generator mounted to a steel trailer provides stand alone power for 80 hours on a single tank of fuel, allowing operators to keep working no matter how remote the location. A hydraulic mast makes for easy deployment by operators. Designed to withstand the rigors of harsh outdoor conditions and grueling heavy duty use with a NEMA 3R enclosure make this light or equipment tower an ideal choice for

industrial applications, construction sites, marine use, mining, and emergency services.

Tower & Trailer: The telescoping hydraulic tower on this unit reaches 25.5` when fully extended and folds to a compact 4.5` for storage and transport. Hydraulic operation allows operators to easily raise, lower, or rotate the mast through a full 359° of movement as needed. A stepping pad allows operators to make adjustments from the ground with ease. The mast head allows operator provided light heads and other equipment to be trunnion mounted to the mast crosspieces using U brackets. This allows for individual adjustment while the tower is in the retracted position. The WCDE-MLK-4G comes with a mast head for mounting light heads and other equipment, a wiring harness for connecting equipment and lights and a wiring harness for trailer towing lights.



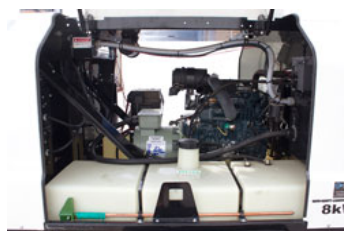
Skid pockets allow the unit to be moved with a forklift

The trailer features a formed and welded steel frame, 13" tires and wheels, a 5-point stabilization system, and a foldable tongue with a reversible ball coupling/pintle hitch. The 5-point base consists of four 4` sliding outriggers each with a drop leg jack (two at the rear and one on each flank) and a 1,000lb stabilizing jack connected to the tongue. Both the main stabilizing jack and the outrigger jacks can be manually adjusted to the desired position using hand cranks. This 5-point design allows the unit to be operational in winds up to 55 mph. The reversible hitch consists of of a standard 2" ball coupling on one end and a 3" pintle towing hitch on the other end. To switch ends, the operator simply unbolts the hitch attachment, flips it to the desired end, and reinserts the bolt. This trailer also features forklift pockets for easy lifting and loading/unloading of the unit.

With compact stowing dimensions of 6.76` x 4.6` x 4.5`, a 48` truck trailer can hold 18 of these light towers, and a 53` trailer can carry 20 units.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)

Generator: An 8kW Marathon generator with a Kubota 11.7 HP engine provides stand alone power to this light tower. Equipped with a fuel level indicator and an easy to reach exterior fill neck, this generator has a 45 gallon tank and provides a minimum of 80 hours of continuous operation.



[Click Photo to Enlarge](#)

A Genset Protect system safeguards against the engine starting and stopping with the AC power as well as ensuring the lighting system is turned off at both the startup and shutdown of the unit. This model is equipped with a 12V electric starter and a glow plug cold starting system. All of the operating components are housed with a protective compartment with side lift up doors for easy access to the controls and engine/generator assembly.

Customer provided graphics will be displayed on this unit. Customer provides the graphic designs. Larson Electronics will apply customer`s graphics to unit.

Applications: Construction, temporary lighting, road side illumination, plant turn arounds.

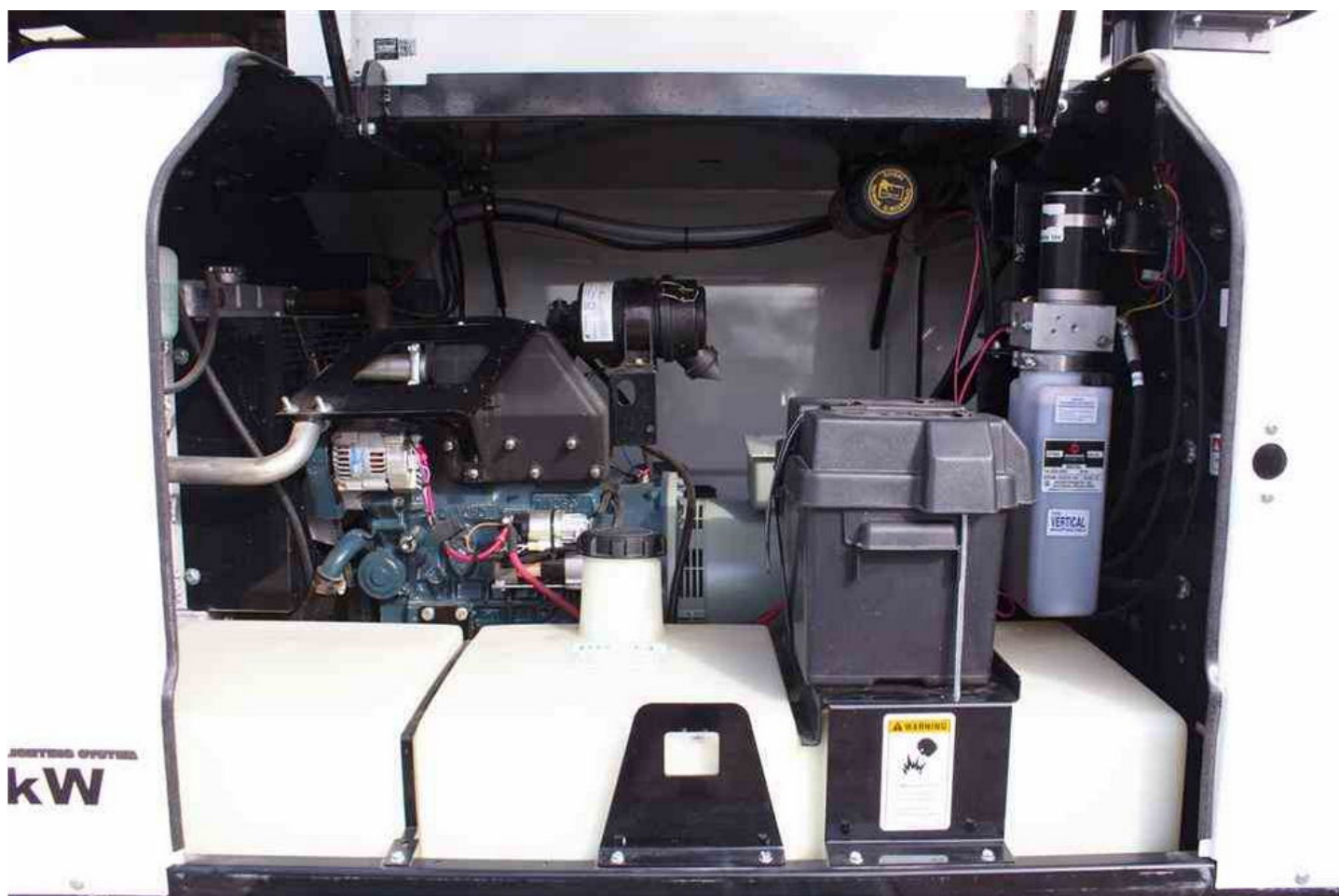
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Frequently Asked Questions (FAQ)









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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)