Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

**LM-HA-65**

## 65' Hydraulic Megatower™ No Lights and No Trailer

**Product ID: 302620**

**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.**

**LM-HA-65 Megatower™**
**Mast Specs**
**Tower Length: 22` to 65`**
**Lamp Qty: None**
**Materials:** Heat Treated 6063B/T5 Aluminum
**Finish:** Powder Coated

**Operation:** Hydraulic

**Weight:**

**Shipping:** Common Freight
**Shipping Weight:**

**Quick Summary**
22` to 65` Mast
Hydraulic Aluminum Mast
Powered Boom Deployment
Cold Weather Package Factory Installed

*This system does not come with a trailer and LED lights. Images are for illustrative purposes only.

**Special Orders - Requirements**
Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-214-616-6180

**Fax:** 1-903-498-3364

**E-mail:** sales@larsonelectronics.com

**This unit is Made In USA - Manufactured in Texas**

**The LM-HA-65 from Larson Electronics is a Hydraulic Megatower™ for deploying equipment in outdoor and remote work sites. This fold over 7-stage hydraulic tower provides a safe and effective way for operators to quickly raise equipment to elevations above 65`. The unit features hydraulic ram upright assist and hydraulic mast. The LM-HA-65 does not come with a trailer and lights.**

***PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS OR LIGHT TOWERS***

The LM-HA-65 Megatower is designed for raising equipment in outdoor work areas. This unit includes a hydraulic telescoping mast which can elevate equipment to heights above 65`. The tower package is ideal for large scale events, construction, mining, industrial operations and anywhere a system capable of extended operation is needed.

This telescoping seven stage hydraulic mast from Larson Electronics is designed to allow operators to quickly and safely deploy equipment to heights above 65` for effective coverage. This boom can be collapsed to 22` for applications where a smaller footprint is required. The tower is constructed of heat treated aluminum tubing with 2.69` of overlap per section. The mast is elevated using an included hydraulic ram and extended to its full height using a second hydraulic system.

This tower can withstand 35 mph winds when fully extended. When lowered to 30`, the mast can withstand 50 mph winds. When lowered to 22`, the mast can withstand wind speeds up to 95 mph with gusts of 125 mph. Custom builds can be provided for higher wind speed resistance when fully raised.

We offer a choice of finishing, equipped light heads and with or without gensets. These towers can be fitted with Larson Electronics line of high output light heads,

or customize the mast head to meet the mounting requirements for your equipment. Optional diesel generators and fuel cells can be equipped from factory, or retrofitted after purchase.

**Cold Weather Package:** The LM-HA-65 is designed to withstand extreme cold environments and harsh winters. The hydraulic system is equipped with a de-icing system to prevent the hydraulic lines and system from freezing from moisture building within system. This de-icing system uses an environmentally friendly (non-toxic) fluid. All hydraulic lines are equipped with cold weather rated hydraulic hoses rated for -65°C and fitted with metallic hardware. All the hydraulic controls are housed within an insulated and weather tight enclosure. This hydraulic control box features 1/2" thick polystyrene foam insulation and heat trace.

The hydraulic system features -65°C cold weather rated rubber hydraulic hoses with metallic fittings and a cold weather rated high viscosity hydraulic fluid. The battery system that powers the hydraulic system features a cold weather rated sealed acid glass mat 12 volt battery wrapped in a heated battery blanket. A cold weather rated battery charger keeps the 12 volt battery charged. All battery components are enclosed within a NEMA 3R housing. All electrical components are wired using cold weather rated SOOW cable with rated to -50°C that features high flexibility, and extreme abrasion, acid, oil and water resistance even in sub-zero climates.

**Suggested Applications:** Equipment operation, temporary lighting, construction site illumination, outdoor event lighting, job site lighting and any other application that requires tower system.

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)