

LM-HA-14-7.2-3S-FM.R-1000LB

3 Stage Hydraulic Mast - 7'-2" to 14' - Hydraulic Ram/Chain - Mechanical Mast

Product ID: 222336



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-14-7.2-3S-FM.R-1000LB Hydraulic Chain Mast

Stages: 3

Length: 7'-2" to 14'

Weight: +-450 lb

Materials: Steel

Weight Capacity: 1,000 lb - Single Mast; 2,000 lb - (2) Tandem Masts

Operation: Hydraulic Ram - Base Stage, Chain - Additional Stages

Chain: (3) Sets, Between Each Stage

Top Mounting Plate: 44" wide and 2" by 2" by 1/4" Thick Mounting Plate

Bottom Mounting Base: 15" by 13" by 1/4" Thick Mounting Base-Plate

Shipping: Common Freight

Shipping Dimensions: -

Shipping Weight: +-1200 lb

Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Quick Summary

7'-2" to 14 Feet Light Mast

3 Stage Tower

Mechanical Mast

Hydraulic Ram/Chain Operation

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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E-mail: sales@larsonelectronics.com

Made in the USA

The LM-HA-14-7.2-3S-FM.R-1000LB from Larson Electronics is a Three-Stage Hydraulic Mast that provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment weighing up to 1,000 lb. This 3-stage tower extends to 14 feet and retracts to 7 feet 2 inches. Constructed of steel, the mechanical mast is powered by a hydraulic ram (base stage) and a chain system (for other stages). Operators are provided access to a sturdy mounting plate at the top stage of the tower.

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

This hydraulic steel mast from Larson Electronics is designed for integration with existing systems, such as light towers, communication masts, trailers and skid-mount solutions. Equipped with 3 stages, the hydraulic boom can be extended to 14 feet for maximum area coverage and collapsed to 7 feet 2 inches for applications where a footprint smaller is required.

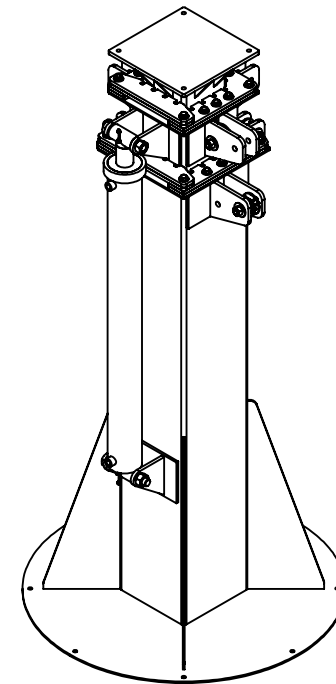
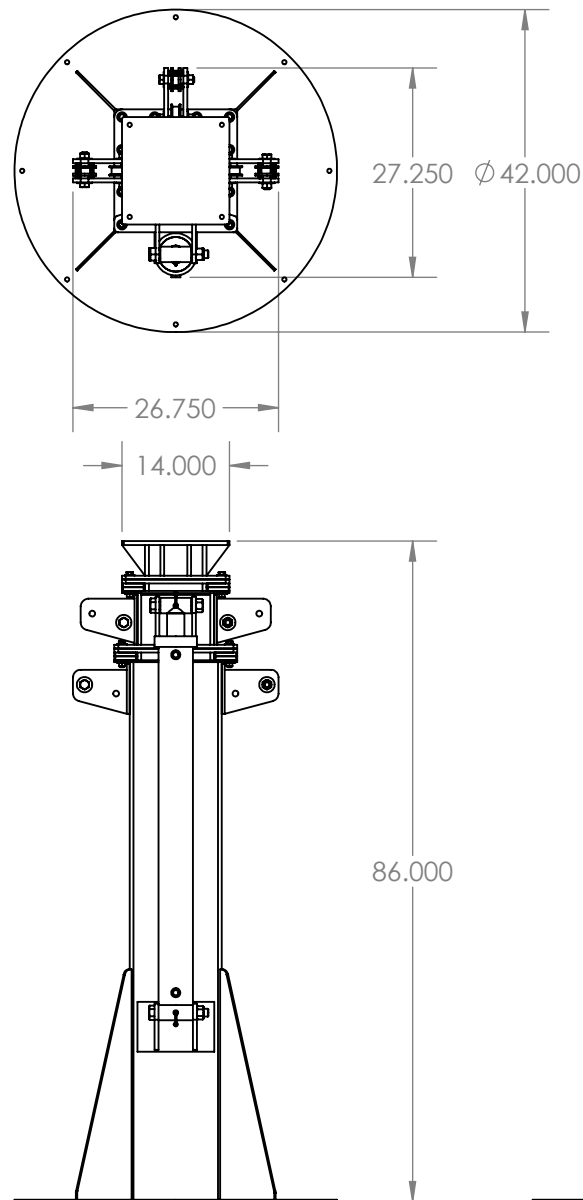
The tower is constructed of square steel tubing with a first stage 5.85' in length and 12" by 12" by 1/2" thick, second stage 6.52' in length and 10" by 10" by 1/2" thick, and a third stage 6.77' in length and 8" by 8" by 1/2" thick. Each section has a 1' overlap. During installation, these light masts are typically mounted to trailers or other stable surfaces via a 15" by 13" by 1/4" thick mounting base-plate which has been drilled to accept six 9/16" anchor bolts. The LM-HA-14-7.2-3S-FM.R-1000LB can support equipment weighing up to a total of 1,000 lb when a single mast is used and up to 2,000 lb when two masts are used in tandem.

The LM-HA-14-7.2-3S-FM.R-1000LB is elevated using a hydraulic ram and chain system. The base stage is raised via a hydraulic ram. The other stages are then raised via a chain system that is triggered by the action of the hydraulic ram. No manual winch is required at any point of the elevation process which makes operation convenient and seamless. Separate hydraulic controls are needed for syncing with other masts.

PLEASE NOTE: Hydraulic couplers, hoses, fluid and other hydraulic system components sold separately.

The entire tower assembly is shipped via common freight carrier. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and large mounting plates. For example, the LM-30-3S is another model that reaches to a length of 30 feet, with a 14 foot lower section, 12 foot middle section, and a 8 foot upper section and a 4 foot wide upper mounting bracket. We also offer a choice of either the manual 1,000 lbs hand winches included standard or optional electric winches.

Suggested Applications: Temporary lighting, construction sites, and security camera deployment. We can equip this mast with 1000W or 1500W Metal Halide lights or a wide variety of high powered LED lights with comparable power, including the [LED10WSA-160](#), [LEDLB-200X2E](#), [LEDLB-160X2E](#) or [LEDLB-80x2E](#). 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.



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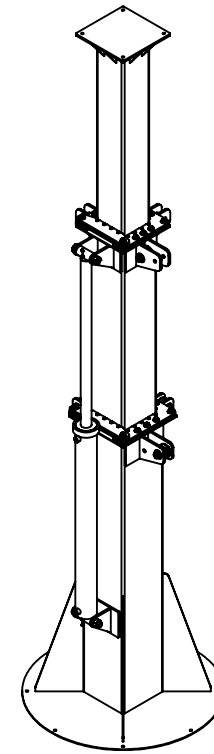
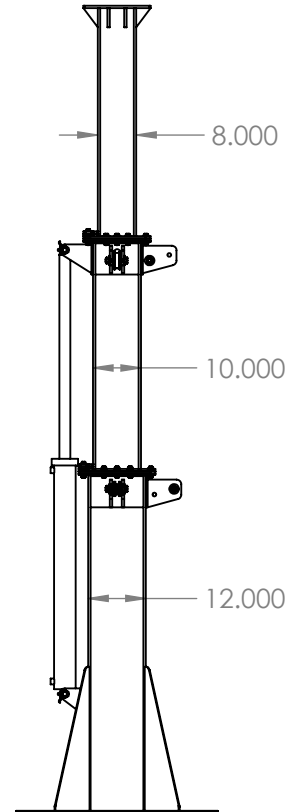
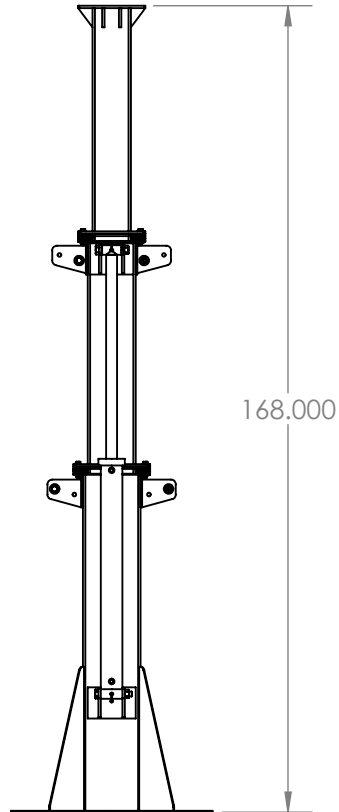
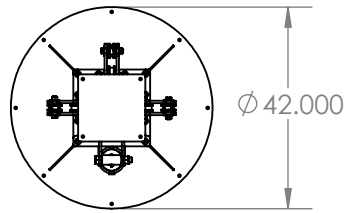
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UNLESS OTHERWISE NOTED:

Angle +/- .5 deg
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FINISH			
SURFACE AREA [sq. in.]		NAME	
DIMENSIONS ARE IN INCHES	DRAWN	CHRISTOPHER THAUER	
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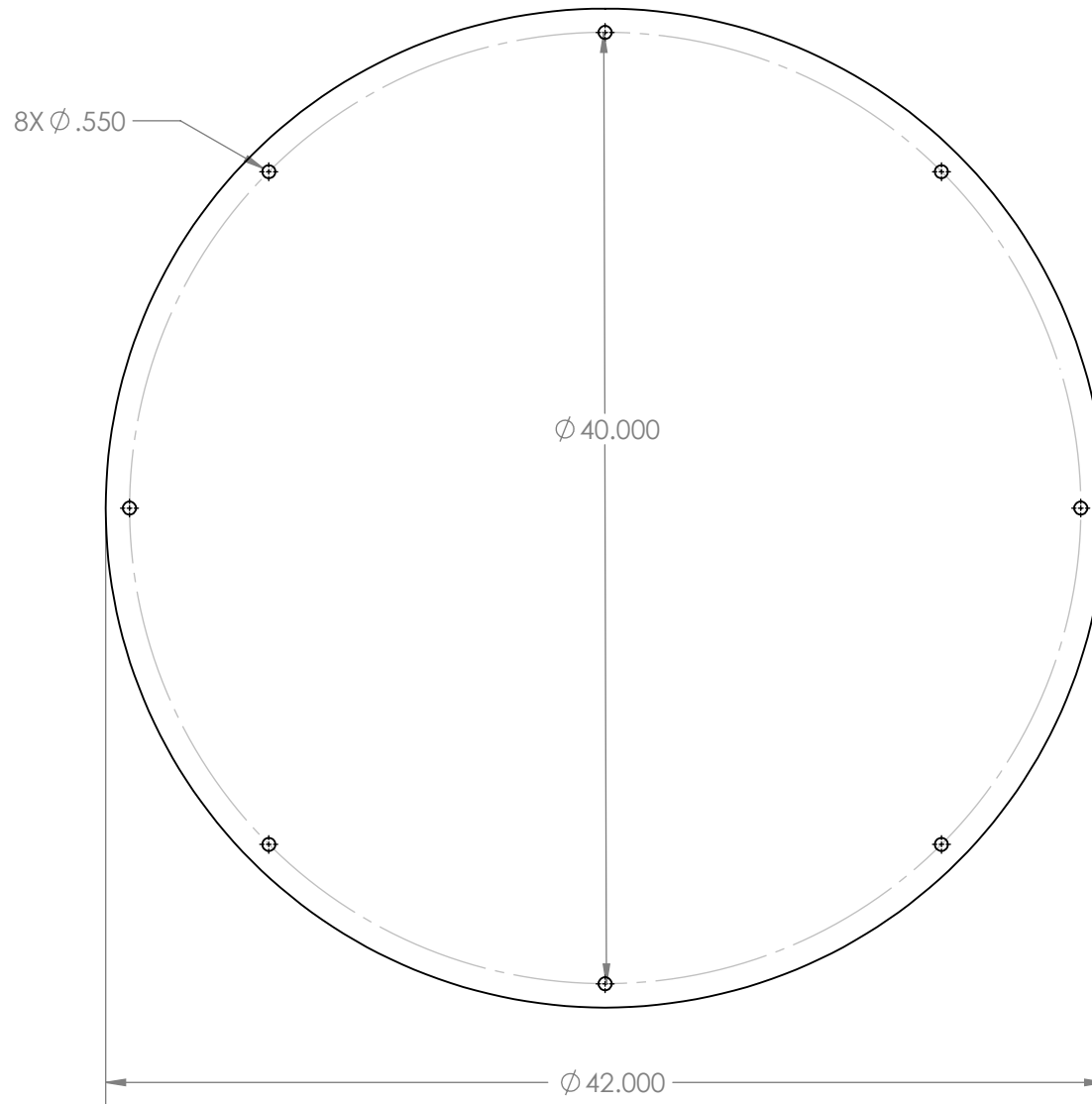


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SHEET 3 OF 3

Frequently Asked Questions (FAQ)