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RNT-LM-40-4S-TLR-GLVD-6ROUND

RENTAL 4-Stage Light Mast on 14' Single Axle Trailer with Wheels - Extends up to 40 Feet, 6-pin Round

Product ID: 332942



Image: RNT-LM-40-4S-TLR-GLVD-6ROUND

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.

RNT-LM-40-4S-TLR-GLVD-6ROUND Trailer Mounted 4-Stage Light Tower

Light Mast Specs
Tower Length: 13' to 40'
Capacity: 150 lb
Materials: Steel
Finish: Galvanized
Operation: (2) 2,500 lb Hand Winches, Electric Optional
Cable: 3/16" Galvanized Aircraft Cable
Wind Resistance: 40 mph (extended), 85 mph (Collapsed) with a 20 lb payload and 3 sq. ft. surface area.

Quick Summary
13' to 40' Light Mast
Steel Construction
Galvanized Finish
Removable Mast Head
(4) 1,000 lb Retractable Outriggers
125 mph Wind Resistance
Manual or Optional Electric Operation

Trailer Specs
Materials: Steel
Trailer Dimensions: 14'-L x 6'-W trailer bed
Hitch: 2" Ball Coupler
Wiring: 6-Pin Round
Axle: 3,500 lb
Suspension: 5,400 lb 4-Leaf Double Eye Springs
Outriggers: (4) 1,000 lb Manual Leveling Jacks - Retractable
Wheels: (2) 15" 5x4.5 Steel Rims
Tires: ST205/75/D15 H188
Weight: +-1200 lb
Shipping: Common Freight
Shipping Dimensions: ~16.5'-L x 4'-W x 5'-H
Shipping Weight: +-1700 lb
Options: Length - Mounting - Fixtures / Call Us for Special Requirements

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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This unit is for rentals

Made in the USA

The RNT-LM-40-4S-TLR-GLVD-6ROUND from Larson Electronics is a Trailer Mounted Fold Over 4-Stage Light Mast that provides a safe and effective way for operators to quickly deploy equipment to elevations up to forty feet. This light tower folds over for easy transportation and features a rotating boom that allows for 360° of rotation. The entire assembly is mounted onto a 14' single axle trailer, allowing operators to transport this fold over boom from location to location.

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

This telescoping four stage steel light mast from Larson Electronics is designed to allow operators to quickly and safely deploy equipment in locations where this it must be elevated to heights up to 40' for effective coverage. This light boom can be extended to 40 feet for maximum area coverage and collapsed to 13 feet for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a base section 11.25' in length and 5" x 5" by 3/16" thick, lower section 11.25' in length and 4" x 4" by 1/8" thick, an upper section 11.25' in length and 3" x 3" by 1/8" thick, and a top section 11.75' in length and 2" x 2" by 1/8" thick. Each section has a 15-18" overlap. The mast is elevated using an included 2,500 lb hand winch with 3/16 inch cable and extended to its full height using a second 2,500 lb winch.

Operators may use the trailer to store communication devices and other supporting equipment, such as cables, electronics, amplifiers, monitoring systems, cameras, handheld tools, lights and more.

When elevated to its full upright position, the mast can be rotated a full 360°. By loosening the T-Handle, operators can rotate the mast with ease in either direction. The mast can be positioned in one of four different positions, and locked back in place by re-tightening the T-handle. The mast itself spins freely and can typically be rotated with a single hand.

This light tower has a galvanized finish. This light mast is mounted to a 14' by 6', single axle trailer via six 1/2" anchor bolts. The two wheel trailer is equipped with a 3,500 lb axle and leaf springs with 15" trailer tires. The trailer can support and haul an additional 3,500 lb of equipment. A standard 2" ball coupling, two standard safety chains, and 6-pin round trailer plug allow for easy hookup and towing.

The LM family of telescoping towers feature a proprietary mast guidance system, which provides increased stability during high winds. Four 1,000 lb hand crank leveling jacks are used for leveling. The jacks can be leveled by hand crank or attachment provided for power drills. These outriggers can be extended 2' out from the side of the trailer for added stability. When lowered to 13.5', the mast can withstand winds up to 125 mph. Custom builds can be provided for higher wind speed resistance when fully raised.

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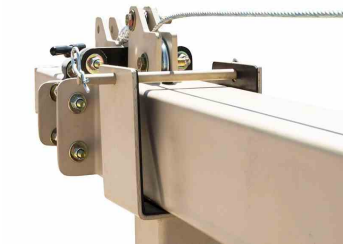
Retractable outriggers with 1,000 lb. manual crank jacks and tail lights.

Click Image to Enlarge



Manual 2,500 lb. hand crank winch for elevating and folding over the light mast on the RNT-LM-40-4S-TLR-GLVD-6ROUND.

Click Image to Enlarge



Mast support bracket for securing the mast boom in the fold-over position during transportation.

Click Image to Enlarge



The RNT-LM-40-4S-TLR-GLVD-6ROUND fitted with four HID-22-SL-REM 1000 Watt Metal Halide Light Fixtures

Click Image to Enlarge



Ready to Ship

Click Image to Enlarge



The RNT-LM-40-4S-TLR-GLVD-6ROUND fitted with four EPL-HB-150LED-RT 150 Watt Explosion Proof LED Light Fixtures

Click Image to Enlarge

This light tower assembly weighs approximately 1200 lb, can easily support and lift 150 lb of equipment. The entire tower assembly is shipped via common freight carrier or flatbed. Larson Electronics can custom tailor these units to customer's requirements with longer sections and larger mounting plates. Larson Electronics can custom build these towers to meet your overall and collapsed height requirements.

We also offer a choice of either the manual or electric winches, finishing, and equipped light heads. Winch options include 2,500 lb hand winches (included standard) or optional electric winches for standard light towers, and heavy duty winches and hoists for high payload units. Powder coating color can be customized (the standard mast is gloss blue). Mast location on the trailer bed can be tongue mounted, front of the trailer bed, or center of the trailer bed. 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.

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Suggested Applications: Temporary lighting, construction sites, and security camera deployment. We can equip this mast with 1000W HID-22-SL-REM or 1500W HID-22-15M-SL-REM Metal Halide lights or a wide variety of high powered LED lights with comparable power, including the LED10WSA-160, LED10WSA-320, LEDP5W-30, LEDP5W-60, and GAU-HB-160LED.

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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Frequently Asked Questions (FAQ)

There are no Faqs