

**Mobile Communication Tower w/ 4'x4' Trailer - 9' to 20' - (6) Mount Antenna Top - Cell on Wheels
LM-20-3S-6XATM-TLR4-V1**



Made in the USA

The Larson Electronics LM-20-3S-6XATM-TLR4-V1 Portable Communication Tower is a cell on wheels that provides a quick way for operators to deploy equipment for mobile communication operations. This unit features a heavy-duty mast that can be elevated to 20 feet and a six-mount antenna top at the head of the tower. The entire assembly is mounted onto a 4' x 4' single-axle trailer, allowing operators to transport this unit (folded over, over-hanging off the back of the trailer) from location to location.

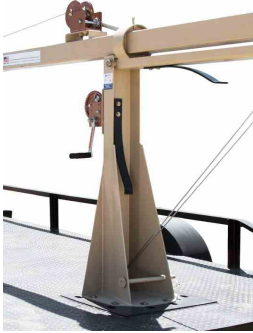
PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS OR LIGHT TOWERS

The LM-20-3S-6XATM-TLR4-V1 is designed to allow operators to quickly and safely deploy mobile communication systems in temporary locations and remote sites. The tower can be extended to 20' above the trailer floor for maximum area coverage, and collapsed to 9' for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a lower section 4" by 4" by 1/8" thick, middle section 3" by 3" by 1/8" thick, and an upper section 2" by 2" by 1/8" thick. Each section has 1' foot of overlap.

This cell on wheels comes with a six-mount antenna top at the head of the tower, with each post measuring 30" long and 2" OD. 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. During storage and/or transportation, the mast can be folded over, over-hanging off the back of the trailer.

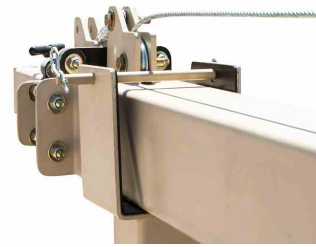
The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics (galvanized options are available). This portable communication tower is mounted to a 4' x 4' single-axle trailer via six 1/2" anchor bolts. The two-wheel trailer is equipped with torsion axle stubs (2,000 lbs total capacity) and leaf springs with 15" trailer tires. The trailer can support and haul an additional 1,000 lbs of equipment. A standard 2" ball coupling, two standard safety chains, and 4-pin flat trailer plug allow for easy hookup and towing.

The LM family of telescoping towers feature a proprietary mast guidance system, which provide increased stability during high winds. Four 1,000 lbs 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 4' out from the side of the trailer for added stability. When lowered to 9', the mast can withstand sustained winds up to 55 mph. Custom builds can be provided for higher wind speed resistance when fully raised.



Manual 1,000 lb hand crank winch for elevating and folding over the light mast on the LM-30-3S-4XATM-TLR.

[Click Image to Enlarge](#)



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

[Click Image to Enlarge](#)



The LM-30-3S-6XATM-TLR4-V1 fitted with four HID-22-SL-REM 1000 Watt Metal Halide Light Fixtures

[Click Image to Enlarge](#)



Ready to Ship

[Click Image to Enlarge](#)



[Click Image to Enlarge](#)

This portable communication tower assembly weighs approximately 1,200 lbs and can easily support/lift 150 lbs fixtures and other types of equipment. The entire tower assembly is shipped via common freight carrier or flatbed. Larson Electronics can customize these units according to customer requirements with longer sections and larger mounting plates. For example, the LM-40-4S is another model that reaches to a length of 40` , with base section 11.25` in length, lower section 11.25` in length, an upper section 11.25` in length, and a top section 11.75` in length. Larson Electronics can custom build these towers to meet your overall and collapsed height requirements.

We also offer a choice of either manual or electric winches, finishing, and equipped light heads. Winch options include 1,000 lbs 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). Tower 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.

Suggested Applications: Mobile communication services, extending site capacity, site repair, disaster recovery, emergency communications, surveillance, military, outdoor operations, remote deployment, temporary deployment, outdoor events, emergency camps, security deployment and more.

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.



Options:

LM-20-3S-6XATM-TLR4-V1-Finish

Example: LM-20-3S-6XATM-TLR4-V1-PWDC

Finish	
POWDER COATED	-PWDC
GALVANIZED	-GLVD



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