

# Allmand

## Maxi-Lite®

# ML 15/20 V-Series

**NEW!**  
V-Series



Eclipse®

Night-Lite Pro™

TLB™

Maxi-Lite®

Port-A-Lite™

Maxi-Heat®

- **V-Series** vertical tower raises in 20 seconds from its retracted position allowing quick and easy setup
- Available in 15kW and 20kW single-phase and 20kW three-phase configurations
- **SHO-HD** lamp fixture with standard 1250 watt system produces 150,000 lumens per lamp
- 50 gallon fuel capacity provides up to 100 hours run time without refueling

**Strong Past. Dynamic Future.**

*Reliability, performance,  
and integrity since 1938*



**SHO-HD****MAXI-LITE**  
**ML 15 / 20 V Series****SPECIFICATIONS**

- Engine:** Isuzu 4LE1 4 cyl. liquid-cooled diesel, 34.1 hp continuous @ 1800 rpm  
Low oil pressure/high temperature automatic shutoff
- Starting:** 12 volt electric  
Glow plug cold starting system
- Fuel Capacity:** 50 gal. (189.3 L), 70 gal. (265 L) optional
- Operating Time:** Up to 100 hrs. without refueling (140 hrs. with 70 gal. tank)
- Lighting:** 4-1250 watt SHO-HD metal halide fixtures  
Initial output of 150,000 lumens per lamp
- Electrical:** Alternator (Generator): 60 Hz, (ML 15--15kW 1-phase)  
(ML 20--20kW 1-phase or optional 3-phase)  
Circuits: Hard-wired electrical  
Ballast: Easily serviceable, "componetized" assemblies  
One-120 VAC duplex, two-125/250 VAC twist-lock convenience outlets, and one-50 amp service outlet  
Main disconnect breaker and ground rod
- Tower:** Hydraulically-actuated 25 ft. 6 in. heavy-duty seven section vertical tower  
UHMW plastic guide blocks for smooth operation  
Intuitive lamp positioning allows accurate lamp adjustment before extending tower
- Trailer:** Frame: Formed, welded steel  
Hitch: Adjustable height, reversible combination, 2 in. (50 mm) ball, 3 in. (75 mm) pintle hitch  
Enclosure: 10-gauge side panels and 12-gauge hood  
Doors: Lockable, 12-gauge lift-up access  
Stop / Turn / Tail Lights  
Forklift pockets and lifting eye  
Tie down rings
- Stabilizers:** Four-point design  
Tower center-mounted between two retractable rear outriggers, tongue jack and rear jack  
Remains operational in wind gusts up to 65 mph (104.6 kph)
- Domestic Shipping Weight:**  
Light Fixtures: 17 lbs. (7.7 kg) (each)  
Trailer and Mast: 2,220 lbs. (1,007 kg)  
Total Weight: 2,280 lbs. (1,036 kg) with four fixtures  
or 2,310 lbs. (1,050 kg) with six fixtures

**DIMENSIONS**

Height mast lowered: 7 ft. 8 in. (2.34 m)  
Height mast raised: 25 ft. 6 in. (7.8 m)  
Length: 10 ft. 4 in. (3.25 m)  
Width: 74 in. (1.87 m)  
Outrigger Width: 12 ft. 10 in. (3.91 m)  
Wheels and Tires: 15 in.

**Straight Up**  
A Better Design**VALUE-ADDED FEATURES**

**Vertical tower** allows intuitive lamp positioning permitting fixtures to be accurately adjusted from the ground. Fixtures remain in the desired angle and direction as tower is extended.

**SHO-HD (Super High Output-High Definition) parallel lamp fixtures** provide over 50% more lumens per fixture than competitive light towers. An optional Saf-T-Visor attachment directs previously wasted light onto the worksite.

**Reduce repair expense** by eliminating potential damage due to tower extending from rear of trailer.

**Exclusive tower cord reel** distributes and retracts electrical cable as tower is raised or lowered.

**50-gallon polyethylene fuel tank** with convenient 4-inch filler neck reduces the chance of contamination and provides up to 100 hours of continuous operation.

**OPTIONS**

Saf-T-Visor  
Sound attenuation  
Engine block heater  
High-pressure sodium lamps  
LSC100™ automatic light tower control system  
20kW 3-phase generator  
70 gallon fuel tank

**Allmand**

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