

# Allmand™

## Maxi-Lite®

### ML 20/30 EX V-Series

**NEW!**  
V-Series



Eclipse®

Night-Lite Pro™

TLB™

Maxi-Lite®

Port-A-Lite™

Maxi-Heat®

- **Maxi-Lite EX** means more power from one unit--Available with 20kW or 30kW 3-phase power
- **More and better light**--Allmand SHO-HD parallel lamp fixtures provide 150,000 lumens per lamp
- **V-Series vertical tower**--Raises in 20 seconds from its retracted position allowing quick and easy setup
- **Environmentally friendly**--Trailer features integral Fluid Containment System

Strong Past. Dynamic Future.

Reliability, performance,  
and integrity since 1938



**SHO-HD****MAXI-LITE**  
**ML EX V Series****SPECIFICATIONS**

- Engine:** 4 cyl, liquid-cooled diesel:  
ML 20 EX V - Isuzu 4LE1, 34.1 hp continuous @ 1800 rpm  
ML 30 EX V - Kubota V3300, 43.0 hp continuous @ 1800 rpm  
Low oil pressure/high temperature automatic shutoff included
- Starting:** 12 volt electric  
Glow plug cold starting system
- Fuel Capacity:** 135 gal. (510 L)
- Operating Time:** Up to 135 hrs. (25% load) without refueling  
Up to 75 hrs. (75% load) without refueling
- Lighting:** 4-1,250 watt SHO-HD metal halide fixtures  
Initial output of 150,000 lumens per lamp
- Electrical:** Alternator (Generator): 60 Hz, 3-phase, (ML 20 EX--20kW,  
ML 30 EX--30kW)  
Circuits: Hard-wired electrical  
Ballast: Easily serviceable, "componetized" assemblies  
Two-120 VAC/20 amp GFCI, four- 240 VAC/30 amp  
twist lock, and one-120 VAC/30 amp "RV"  
(three blade) receptacles  
Main disconnect breaker and ground rod
- Tower:** Hydraulically-actuated 26 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  
Fluid containment tray  
Torsion axle with electric brakes
- Stabilizers:** Five-point design  
Tower center-mounted between two retractable front outriggers,  
tongue jack and two retractable rear outriggers  
Remains operational in wind gusts up to 80 mph (128 kph)  
with outriggers extended
- Domestic Shipping Weight:**  
Light Fixtures: 17 lbs. (7.7 kg) (each)  
Trailer and Mast: 4,000 lbs. (1,800 kg) dry  
Total Weight: 4,800 lbs. (2,162 kg) with fuel

**DIMENSIONS**

Height mast raised: 26 ft. 6 in. (8.1 m)  
Overall Length: 11 ft. 10 in. (3.6 m)  
Overall Width: 77-1/4 in. (1.96 m)  
Overall Height: 101 in. (2.6 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 the tower is extended.

**SHO-HD (Super High Output-High Definition) parallel lamp fixtures** provide up to 150,000 lumens per fixture. An optional Saf-T-Visor attachment directs previously wasted light onto the worksite.

**135-gallon fuel tank** with convenient fill neck on each side simplifies refueling and service. Provides up to 135 hours of continuous operation.

**Captive latch on outriggers** eliminates potential for lost pins.

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

**Hinged ballast panel** swings out for ease of service. Only two bolts to remove for full access.

**Skid-mounted engine/gen set** provides simplified engine/generator removal or change out.

**OPTIONS**

- Saf-T-Visor
- Four lamp inside storage option
- Sound attenuation
- Six light metal halide option (*lay-down tower only*)
- High-pressure sodium lamps
- Lay-down tower models available (*electric or manual tower winch*)

**Allmand**

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