

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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