

VERTICAL MAST



Industrial Mobile
Lighting Solutions



Multiquip's LT6KV electric vertical mast mobile light tower represents operator convenience, trusted engine gen-set efficiency, and superior lighting properties. Additionally, the unit provides an environmentally friendly full fluid containment tub design and compact dimensions to optimize transportation and storage footprints.

- Superior lighting properties
- Industrial electric hoist assembly Fuel efficient Tier 4 Final engine
- Powerful brushless gen-set
- Trusted, convenient electric hoist operations
- Compact dimensions
- Full fluid containment design
- Easy access service doors



ENGINE	
Engine Model	KOHLER KDW 1003 Diesel
EPA/Tier	Tier 4 Final
Battery (Standard type)	Group 24 - 550 CA
Cylinders	3
Horsepower @ 1,800 RPM	12
Engine Protection	High Temp / Low Oil
Sound Level dB @ 23 ft.	68 dB
FUEL TANK	
Fuel Capacity (Usable)	30 gal.
Running time-hr.	64 hrs. @ ¾ load
Fuel Consumption	0.47 gal./hr.
TRAILER	
Axle Capacity	2,000 lbs.
Tire Size	13 in.
Standard Hitch Type	2" Ball
Support Jacks	(4) - 2,000 lb. Rating
Suspension Type	4-Leaf Springs
Tail Light Connector	4-Pin
GENERATOR	
Generator	Mecc Alte
Model	LT 3N-100/4
Type	Brushless
Insulation	Class H
Phase	Single
Wattage (kW) Max. / Continuous	7,000 / 6,000
Voltage	120/240
Amperage	50/25
Frequency-Hz	60Hz
Regulation ±	± 6%

CONTROL PANEL	
Individual Breakers / Light & Power	Yes
External Receptacle(s)	(2) 120VAC 15A (1) Twist Lock 120/240VAC [50A/25A]
Hour Meter	Yes
LIGHTING	
Construction	Solid Aluminum Shell w/ Heat Sink Fins
Lamps	(4) 1,000W Metal Halide
Lumens	440,000
Light Coverage	5-7 acres
Lamp Connection	3-Pin Quick Disconnect
Wind Capacity	65 MPH
MAST	
Construction	Anti-Corrosion Zinc Dichromate Coated
Sections	5
Rotation	360°
Positive Mast Position Locking	Yes
Telescoping Length (MAX)	25 ft.
Winch Operations	Electric
CABINET	
Tub Design	Total Fluid Containment
Cabinet Night Light	Yes
Service Doors	(2) Lockable Latch w/Door Stays
External Power Cord(s) Access	Yes
DIMENSIONS	
L x W x H (Operational)	128" x 79" x 300"
Weight DRY (lbs.)	1,510 lbs.

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