

---

## Magnum Light Tower MLT3060MMH Light Tower Specifications



### GENERATOR SET

- Mitsubishi L3E-W26ML, 952 cc displacement, liquid cooled diesel engine
  - 10.4 HP prime @ 1800 rpm
  - 12.2 HP standby @1800 rpm
  - Fuel consumption is .5 GPH under full load
- Marathon, 6KW Brushless generator
- 69.6 dB(a) average
- Rubber vibration dampers
- Radiator to allow continuous running in 116° Fahrenheit ambient temperatures
- Full flow oil filter, spin on type
- Fuel filter with replaceable element
- Dry type cartridge air filter
- Polyethylene fuel tank with 3 3/8" fill neck diameter and large 2 5/8" opening diameter, 30 gallon
  - 60 hour run capacity
- 12 volt HD maintenance free, 440 CCA, 0° Fahrenheit battery

### ENGINE OPTIONS

- Caterpillar 3013 3 cylinder, liquid cooled diesel engine
  - 31.5 HP @ 2800 RPM prime
  - Fuel consumption is .5 GPH under full load

- Kubota D905 3 cylinder, liquid cooled diesel engine
  - 10.5 HP @1800 RPM prime
  - 11.9 HP @ 1800 RPM prime
  - Fuel consumption is .66 GPH under full load
- Tethered fuel cap
- Lower radiator block heater
- Spark arrest on muffler

### **ENGINE CONTROLS**

- Key switch to preheat (glow plugs), start and stop
- Hour meter
- Automatic low oil/high temperature shut down system

### **ELECTRICAL SYSTEM AND CONTROLS**

- 30 Amp Start Limit Breaker (assures no load condition exists before starting)
- Capacitor voltage regulation
- Individual floodlight switches and circuits with 15A breakers protection.
- Individual ballast indicator lights
- (4) individual ballast boxes (galvanized steel)
- Weather tight manual holder with operating instruction manual/wiring diagrams
- 440 CCA wet cell battery
- Outlets on control panel
  - One 120 VAC 20 Amp GFCI duplex outlets (Nema 5-20R type)
  - One 240 VAC 30 Amp twistlock outlets (Nema L6-30R type)

### **ELECTRICAL OPTIONS**

- 615 CCA wet cell battery
- 720 CCA wet cell battery
- 720 CCA gel cell battery
- Auto light option
- Battery charger (2 amp trickle)
- Battery disconnect (lockable)
- Interior cabinet light

### **FLOODLIGHTS**

- Four fixtures, reflector, metal halide, 1000 watts each
- Tempered glass lens
- Silicone gaskets for moisture protection
- Weather-proof wire connections and receptacle box

### **FLOODLIGHT OPTIONS**

- Four light fixtures - metal halide quick disconnect
- Four light fixtures - high pressure sodium hard wire

- Four light fixtures – high pressure sodium quick disconnect

## **WIRING**

- All wiring shall be sized to amperage draw required
- All wiring shall be high temperature AMW
- All wiring marked to identify individual light circuits
- Wiring diagrams provided

## **MAST**

- 30' extended, 3– section, tubular steel
- Plastic guides on all sides of mast tubes
- Automatic locking system in down position for travel
- 360° rotation
- Coiled mast cord
- One–person operation
- Fork pockets mounted on top of mast
- Equipped with central lifting eye

## **MAST OPTIONS**

- Black dual electric winch
- Galvanized dual electric winch
- Galvanized dual manual winch
- Drape cord mast wiring
- Mast light storage group

## **TRAILER**

- Unit to be only 48" wide
- Fork pocket/guides welded on trailer bottom rails
- Removable tongue standard
- Mast support: 3" square tube, ¼" wall
- Trailer frame, tubular steel, 3/16" wall
- Four adjustable leveling jacks: one on tongue, one on the rear frame, and two side outriggers extended from the middle of the trailer
- Side outriggers to have an extended span of 8' 2"
- 2" ball hitch standard Single wall (FLEX) plastic fenders
- Tail, side, brake, directional lights meets DOT standards
- Axle: 2200 lb. with leaf springs
- Tires, ST175/80D13, tubeless
- Body, 14–gauge steel
- Stainless steel hinges on doors
- Engine Mounts: 5"x 2" x 3/16" channel iron

- Magnum brand decals on enclosure
- License plate holder with light

#### **TRAILER OPTIONS**

- Liquid containment system
- Combo 2" ball and 2 ½" pintle ring
- 2 ½" ring hitch
- 3" ring hitch
- 2 5/16" ball hitch
- 6-pole plug for trailer lights
- 7-pole plug for trailer lights
- Jack tube and sleeve
- Level indicator
- Spare tire and carrier
- Air freight/sea container racking

#### **METAL TREATMENT**

- Durable, fade resistant, baked on polyester powder paint. Color: white

#### **WARRANTY**

- 1 year unlimited hours / 2 years 2000 hours limited warranty on unit.
- 1 year unlimited hours / 3 years 3000 hours / 5 years major components engine warranty from Mitsubishi
- 1 year unlimited hours / 2 years 2000 hours / 3 years 3000 hours major component engine warranty from Caterpillar
- 1 year unlimited hours / 2 years 2000 hours / 3 years major component engine warranty from Kubota