

Magnum Light Tower – MLT 3060 MMH, Specifications



ENGINE

- Mitsubishi L3E-W26ML, 952 cc displacement, liquid cooled diesel engine
 - 12.2 HP @ 1800 RPM, Standby
 - 10.4 HP @ 1800 RPM, Prime
 - Fuel consumption is .5 GPH under full load
- 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 CONTROLS

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

GENERATOR

- Marathon, 6KW Brushless generator
- Capacitor voltage regulation



ELECTRICAL SYSTEM AND CONTROLS

- 30 Amp Start Limit Breaker (assures no load condition exists before starting)
- 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)

FLOODLIGHTS

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

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

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



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 major component engine warranty from Kubota



Magnum Light Tower – MLT 3060 MMH, Optional Accessories

ENGINE OPTIONS

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

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

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

MAST OPTIONS

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

TRAILER OPTIONS

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

