

Magnum Light Tower – MLT 4060 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
- Engine / Generator is 60 Hz at 1800 RPM
- 69.6 dB(a) average.
- Mounted with 4 rubber vibration dampers
- Radiator sized to allow continuous running in 116 degree F ambient temperatures
- Full flow oil filter, spin on type
- Fuel filter with replaceable element
- Dry type cartridge air filter
- Polyethylene fuel tank with large diameter opening, 30 gallon capacity
 - 60 hour run capacity

ENGINE CONTROLS

- Clearly marked control panel
- Key switch to preheat (glow plugs), start and stop
- 30 Amp Start Limit Breaker (assures no load condition exists before starting)



- Hour meter
- Automatic low oil/high temperature shut down system

GENERATOR

- Marathon, 6KW Brushless generator
- Capacitor voltage regulation

ELECTRICAL SYSTEM AND CONTROLS

- Individual floodlight circuits with 15A breakers
- Ballast indicator lights
- 4 individual ballast boxes (galvanized steel)
- Individually serviced parts for ballast repair
- 440 CCA wet cell battery
- Manual holder with operating instruction manual/wiring diagrams
- 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 and dust protection

WIRING

- All wiring is sized to amperage draw required
- Wiring diagrams provided

MAST

- 30' extended, 3- section, tubular steel
- Plastic guides on all sides of mast tubes
- Industrial black powder coat finish
- Automatic locking system in down position for travel
- Automatic locking system in fully raised position
- 360° rotation
- Coiled mast cord
- One-person operation
- Equipped with lifting bracket

TRAILER

- Mast support: 3" square tube, ¼" wall
- Removable tongue 48" long
- Trailer frame, tubular steel, 3/16" wall



- Four 2000 lb. adjustable leveling jacks: one on tongue, one on the rear frame, and two side outriggers extended from the middle of the trailer
- All jacks transport and lock in horizontal position for storage
- Side outriggers to have 11' 6" span
- Safety chains with hooks
- 2" ball hitch standard, 2 ½" ring hitch available
- Single wall (FLEX) plastic fenders
- Tail, side, brake, and directional lights meet DOT standards. Rear lights are recessed
- Axle: 2200 lb. With leaf springs. 49" track width between tires
- Tires, ST175/80D13, tubeless
- Body, 14-gauge steel
- Stainless steel hinges on doors
- Engine Mounts: 5"x 2" x 3/16" fabricated 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 4060 MMH, Optional Accessories

BATTERY OPTIONS

- 720 CCA gel cell battery
- No battery
- 720 CCA wet cell battery
- Battery disconnect switch, lockable
- Battery charger – 2 amp, 3 stage

COOLANT OPTION

- 60/40 Coolant, 60% Ethylene glycol

ENGINE OPTIONS

- Heated fuel filter
- Lower radiator hose heater

ENGINE / GENERATOR OIL DRAIN OPTIONS

- Kubota, capacitor regulated, without oil drain valve
- Kubota, capacitor regulated ,with oil drain valve
- Mitsubishi, capacitor regulated, with oil drain valve

AUXILARY CONTROL OPTION

- Auto-Light/timer controller

CABINET OPTIONS

- Interior cabinet light
- Level indicator
- Tamper pak
- Silent pak

FUEL TANK OPTIONS

- 56 gallon fuel tank
- 110% containment
- Tethered fuel cap

HITCH OPTIONS

- 2 5/16" Ball hitch
- 3" HD lunette ring
- 2½"lunette ring / 2" ball combination hitch
- 3" lunette ring
- 2½" lunette ring



JACK OPTION

Tube & sleeve jack

TRAILER OPTIONS

- Spare tire and carrier
- Adapter, flat 4 to round 7 pin
- Adapter, flat 4 to round 7 spade
- Adapter, flat 4 to round 6 pin

LIGHT OPTIONS

- 4 MH, Quick disconnect lights, Magnum
- 4 HPS, Quick disconnect lights, Magnum
- 4 MH, Quick disconnect lights, Extruded
- 4 MH, Hard wired lights, Extruded
- 4 HPS, Hard wired lights, Magnum

MAST CORD OPTION

- Drape cord

MAST, WINCH & FINISH OPTIONS

- Galvanized, manual, dual winch
- Black, electric, dual winch
- Galvanized, electric, dual winch
- Black, electric, dual winch, w/disc
- Galvanized, electric, dual winch, w/disc

MAST LIGHT STORAGE OPTION

- Mast light storage

