

## Combination Light Tower & Generator

*A Perfect Blend of Power and Light*



MLT 4250



Top(L-R)  
Circuit breakers, Individual light switches,  
Microprocessor controller  
Bottom (L-R)  
Lug box, Remote start, Voltage selector  
switch  
Marathon Single / Three Phase Generator



Individually breakered  
convenience outlets,  
External emergency stop  
safety switch



Four elliptical light fixtures,  
Hard wired, Metal halide bulbs  
1000 watts each

Convenience outlets with  
breaker protection  
2 each:  
120 V 20 amp GFCI duplex  
240 V 30 amp twistlock  
240 V 50 amp twistlock



***One Unit - Multiple Uses***  
***Great Return on Investment***



## MLT 4250 Light Tower / Generator Specifications

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### Engine / Generator Set

- Isuzu 4LE1-PV 05, 4 cylinder, liquid cooled, diesel
  - 34.5 hp @ 1800 rpm standby
  - 31.5 hp @ 1800 rpm prime
- Fuel consumption at:
  - 75%- prime power is 1.35 gph (5.11 Lph)
  - 100%- prime power is 1.80 gph (6.81 Lph)
- Rubber vibration dampers isolate engine/generator
- Radiator - sized to allow continuous operation - 120°F temps.
- 56 gallon fuel tank / approx. 31 run time hours
- Marathon single / three phase generator
  - Three phase standby - 20kW / 25kVA
  - Three phase prime - 18kW / 23kVA
  - Single phase standby - 16kW / 16kVA
  - Single phase prime - 15kW / 15kVA
- 68 db(A) from 23 feet at prime power

### Engine Controls

- Magnum Products EZ-1 Genset controller
  - Backlit monitoring display
  - Six LED indicators w/ lamp test on startup  
Alarm/Fault, Ready/Manual, Running, Warning, Ready/Auto, Supplying Load
  - Push buttons for easy operation
  - Operation of engine / generator set  
Manual, Auto, Alarm Cancel, Fault Reset, Engine Start, Engine Stop
  - Diagnostic information  
kW output, Line output & frequency, Oil pressure, Engine temp., Battery, Running & kW hours, Time to service
  - Engine generator  
Warning and shutdowns for: Fuel level, Overspeed protection, Oil pressure, Coolant temperature, Generator over / under voltage, Generator over / under frequency, Battery voltage over / under protection and Over current shutdown
  - Controller operating range - 40°F to 185°F

### Electrical System and Controls

- Individual floodlight circuits w/ 15 amp breakers
- Ballast indicator lights
- Voltage selector switch
  - Three phase voltage - 208, 220, 440, 480
  - Single phase voltage - 120, 139, 208, 220, 240, 277
  - Three phase amps - 30 / 69 (480/208 V)
  - Single phase amps - 67 (240 V)
- Standard individually breakered convenience outlets
  - (2) 120 V 20 amp GFCI duplex outlets
  - (2) 240 V 30 amp twistlock outlets
  - (2) 240 V 50 amp twistlock outlets
- Lug terminals for three and single phase output
- 720 CCA wet cell battery
- 90A start limit breaker

### Floodlights

- Four elliptical light fixtures - stamped aluminum reflectors, Metal halide hard wire - 1000 watts each
- Coil & Core ballast
- Tempered glass lens
- Silicone gaskets for moisture and dust protection
- Individual floodlight on / off switches
- 440,000 lumens - coverage up to 5-7 acres

### Mast

- 30' maximum extension, 3 - section tubular steel
- Self lubricating, graphite 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 with locking system once positioned
- Coiled mast cord
- Dual winch system, ergonomic height-one person operation
- Lifting eye and fork pocket guides on the top side

### Trailer

- Mast support: 3" square tube, 1/4" wall
- Removable tongue 48" long
- Tubular steel frame, 3/16" wall
- Four 2,000 lb. adjustable leveling jacks - transport and lock horizontally for storage
- Side outriggers have 11' 8" span for maximum stability
- 2" ball hitch - safety chains with spring loaded hooks
- (1) 3,000 lb axle w/ leaf springs - 49" track width
- 15" inch tires
- Stainless steel hinges on doors

### Dimensions / Weights

- Length w/ mast stowed - 170" (4.32m)
- Width - 63" (1.60m)
- Width w/ outriggers extended - 140" (3.56m)
- Height w/ mast stowed - 70" (1.78m)
- Dry weight - 2158 lbs
- Operating weight - 2556 lbs

### Warranty

- 1 year unlimited hours / 2 years 2000 hours limited warranty on unit
- 1 year unlimited hours / 2 years electrical / 5 years 5000 hours major components engine warranty from Isuzu

Specifications are subject to change without notice

