MLT5060MV

MOBILE LIGHT TOWER



SPECIFICATIONS

ENGINE

- Mitsubishi® L3E-W461ML liquid cooled, diesel engine
 - o Standby 12.2 hp @ 1800 rpm
 - o Prime 10.5 hp @ 1800 rpm
 - o 3 cylinder
 - o 0.95 L displacement
- Fuel consumption (prime) 0.47 gph (1.78 Lph)
- 60 Hz engine/generator
- Industrial engine exhaust system
- Rubber vibration dampers isolate engine/generator from frame
- Cooling system capable of operating at 120°F (49°C) ambient
- Full flow oil filter, spin on type
- Fuel filter with replaceable element
- Dry type cartridge air filter
- Polyethylene fuel tank with large diameter opening
 - o 56 gal. (212 L) capacity
 - o 119 hr. run capacity
 - o 3.5 in. (88.9 mm) fill port

GENERATOR

- Marathon Electric®
 - o Brushless
- 6 kW standby output
- 120/240 VAC 50/25A
- +/-6% capacitor voltage regulation

ENGINE CONTROLS

- Engraved, aluminum punched and anodized control panel
- Four position keyed switch glow plugs (preheat, off, run, start)
- Hour meter
- Automatic low oil/high temperature shutdown system

ELECTRICAL AND SYSTEM CONTROLS

- Individual floodlight circuits with 15A breakers
- Ballast indicator lights
- 30A start limit breaker (assures no load condition exists before starting)
- Standard individually breakered convenience outlets:
 - o (1) 120 VAC 20 Amp GFCI duplex outlets (NEMA 5-20R type)
 - o (1) 240 VAC 30 Amp Twistlock outlets (NEMA L6-30R type)
- 440CCA wet cell battery

FLOODLIGHTS

- (4) light fixtures 1000 watts each metal halide
- Oval aluminum reflector
- Tempered glass lens
- Silicone gaskets for moisture and dust protection
- Friction disc mounting for tool less positioning
- Individual floodlight On/Off switches
- Internal cabinet light storage

MAST

- LightTracking System distinctive angle fixture design for common light distribution
- Mast stowed height: 9.25 ft. (2.82 m)
- 25 ft. (7.62 m) maximum extension, 5-section, tubular steel
- 950 lb. (430.91 kg) automatic self-breaking electric winch easily raises mast vertically
- 359° ground-level rotation with locking system
- Coiled mast cord
- Equipped with single lifting eye and fork pockets

ENCLOSURE

- Steel enclosure 14-gauge
 - o UV & fade resistant, high temperature cured, white polyester powder paint
 - o 68 dB(A) at 23 ft. (7 m) prime power
- Stainless steel hinges on doors
- Multi-lingual operating/safety decals
- License plate holder with light
- Manual holder with operating manual

TRAILER

- Front step platform for easy adjustment of light fixtures
- Removable tongue 48 in. (1219.20 mm) long
- Tubular steel frame 3/16 in. (4.78 mm) wall
- (4) 2000 lb. (907.18 kg) adjustable leveling jacks 4 point stance
- All jacks transport and lock in horizontal position for storage
- Side outriggers 151 in. (3.84 m) span
- Safety chains with spring loaded safety hooks
- Combo hitch: 2 in. (50.8 mm) ball hitch and 2.5 in. (63.5) pintle ring
- Single wall polyethylene fenders
- DOT approved tail, side, brake, and directional lights
 - o Recessed rear lights
- 3500 lb. (1588 kg) leaf spring axle
- P205/75R15 6 ply
- 68.5 in. (1740 mm) axle span

WEIGHT & DIMENSIONS

• Dry weight: 2005 lbs. (909 kg)

• Operating weight: 2408 lbs. (1092 kg)

• Mast stowed: 120 x 79 x 111 in. (3.05 x 2 x 2.82 m)

WARRANTY

• 1 year/unlimited hours; 2 years/2000 hours

CERTIFICATIONS

• CSA Certified