

### ENGINE

- Kubota® D1105-E3BG - liquid cooled, diesel engine
  - Standby - 15.4 hp @ 1800 rpm
  - Prime - 13.5 hp @ 1800 rpm
  - 3 cylinder
  - 1.12 L displacement
  - EPA Final Tier 4 approved
- Fuel consumption @ prime – 0.70 gph (2.65 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
  - 56 gal. (211.98 L) capacity
  - 88 hr. run capacity
  - 3.5 in. (88.9 mm) fill port

### GENERATOR

- Marathon Electric®
  - Brushless
- 8 kW standby output
- 120/240 VAC – 66/33A
- +/-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

- Single toggle switch for raising and lowering vertical mast
- Individual floodlight circuits with 15A breakers
- Ballast indicator lights
- 40A start limit breaker (assures no load condition exists before starting)
- Standard individually breakered convenience outlets:
  - (2) 120 VAC 20 Amp GFCI duplex outlets (NEMA 5-20R type)
  - (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

**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
- Urethane guides on all sides of mast tubes
- Industrial black powder coat finish
- 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
  - UV & fade resistant, high temperature cured, white polyester powder paint
  - 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 – 140 in. (3.56 m) span
- 7800 lb. (3538 kg) Safety chains with spring loaded safety hooks
- 2 in. (50.8 mm) ball hitch
- Single wall polyethylene fenders
- DOT approved tail, side, brake, and directional lights
  - Recessed rear lights
- 2200 lb. (998 kg) leaf spring axle
- ST175/80D13 – 6 ply
- 56 in. (1422.4 mm) axle span

**WEIGHT & DIMENSIONS**

- Dry weight: 1785 lbs. (810 kg)
- Operating weight: 2188 lbs. (992 kg)
- Mast stowed: 115 x 63 x 111 in. (2.92 x 1.6 x 2.82 m)

**WARRANTY**

- 2 Years / 2000 Hours

**CERTIFICATIONS**

- CSA Certified