

# MIDNITELITE SKID

## S1616



Model Number	Engine Type	Type of Light	Light Configuration	Total Light Output	Mast Height Extended	Fuel Consumption Lts/hr
S1616	Perkins 404D22TG Yanmar 4TNV98	Metal Halide	16 x 1000	16000 W	10.5M	8.3 Lts/hr 4.5 Lts/hr

### SPECIFICATIONS

#### Engine / Alternator

Industrial-duty, liquid-cooled, naturally aspirated diesel engines. Direct couples to a heavy duty, single bearing alternator.

Additional Features include:

- Cyclone-style air cleaner
- Key start panel with engine protection
- Earth leakage protection
- Emergency stop push button
- Single-pole lockable battery isolator

#### Lights

16 x 1000W. All ballasts, capacitor and igniters mounted in heavy duty cast aluminium housing. Total lumens – 1,680,000.

#### Megagen Generator

Megagen diesel Generator 240/415v @ 50Hz.

#### Double Jointed, Knuckle-Style Hydraulic mast

Hydraulic extension to 10.5m from ground level (but not limited to – options are available for 13m to 24m masts) and 340° slew with automatic lock. Mast allows for light tilt through a full 45° vertical arc ( fully extended and operating). 12 V Battery operated mast can be folded away without generator power. Fail safe double acting rams and safety lock valves on all hydraulics.

#### Skid

Heavy duty skid with pusher bars, towing point, chains and durable skid wear plates. Built-in 450 Litre fuel tanks. Heavy duty compartments accommodate towing chains and attachments. Four lifting points to facilitate lifting of complete unit.

#### High Visibility reflective tape

For better site safety.

#### Weatherproofing

Removable weatherproof canopy over generator. Components are sand blasted, primed and industrially power coated to a minimum 100 Microns.

#### Electrical

Lighting circuits with individual circuit breakers (housed in IP56 enclosures) and RCD protection. Enclosed in conduit for mechanical protection and constant earth.

#### Dimensions (Length x Width x Height)

Standard Skid (SS)	5,200mm x 2,400mm x 2,900mm
Mega Skid (MS)	6,800mm x 2,700mm x 3,050mm
Super Skid (SuS)	10,000mm x 2700mm x 3200mm Width extends to 7180mm with hydraulic access steps extended

### LEGISLATIVE COMPLIANCE

Each skid lighting plant is designed and built to meet all relevant standards including:

- AS3000 Electrical wiring regulations
- AS2790 Transportable Generator sets to 25KW
- AS 3010.1 Supply of generator set
- AS 3713 Noise level emissions
- AS 1170.2 Wind Loading Criteria (Wind loads to gusts of 100 Km/h)
- Mines Safety and inspection regulations 1995

### OPTIONS

- Light focus facility (With tower fully extended and operating)
- Day-Night Shutdown System
- External Jump Start
- Fast Fill or evacuation system for all fluids
- 9Kg dry chemical fire extinguisher
- Power Outlets
- Double pole Lockable Battery isolator
- 24 Hour Timers for Auto Shutdown
- Replaceable hardwood push buffers
- MDG15 & MDG41 compliance
- Many more