

MIDNITELITE SKID

S99



Model Number	Engine Type	Type of Light	Light Configuration	Total Light Output	Mast Height Extended	Fuel Consumption Lts/hr
S99	Perkins 404D22 Yanmar 3TNV84T	Metal Halide	9 x 1000	9000 W	10.5M	4.0 Lts/hr 2.2 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

9 x 1000W. All ballasts, capacitor and igniters mounted in heavy duty cast aluminium housing. Total lumens – 945,000.

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