



180°
Light bar
Tilt

340°
Light bar
rotation

11.2m
Expandable
boom



Mine Spec Series Features

- 12 months - 1500 hrs warranty
- 500 hr Service interval standard on all models
- Original equipment manufacturer
- Extra low voltage
- Total hydraulic controlled
- Auto start/stop
- Twin filtered engine oil standard
- 2 stage air filter system
- Low fuel level beacon - Automatic email @10%
- 3 stage Paint Protection Package as Standard inc Electronic E Coat

Light Features

Military/aero grade titanium based coating

Military/aero grade soldering process

Copper PCB

Automatic thermal control

Failsafe light switch PCB for maximum protection

Smart brightness controlled without PWM

MLS 3840-LED SLED MOUNTED

Model

Model	MLS3840-LED
Configuration	Sled Mounted

Dimensions

Width	2 500 mm
Length	5 800 mm
Height	3 200 mm
Net Weight	5 860 kg

Engine and Generator

Fuel	Diesel
Engine	Kubota Z482-E
No Engine Cylinders	2
Engine Speed RPM	1 750
Engine Aspiration	Natural
Generator	Brushless
Generator Voltage	24 VDC

Lights

Type of Lights	LED
No. of Lights	12
Light output (wattage)	3 840 w
Installed lamp Wattage	320 w
Installed total Lumens	798 720 lm
Lumens per Watt (max)	208 lm/w
Lamp life Hours	60 000

Mast

Mast Height	11.2 m
Mast Rotation	340°
Wind Rating Speed	100 km/h

Fuel

Fuel Capacity	277 L
Operating Hours at 100% Load	230 hours (1,2L/h)

MLS 3840-LED SLED MOUNTED

Axles, Brakes and Springs

Sled Base	530mm Heavy Wall I Beams
Wear Package	20mm BIS80 Wear Packages to Bottom of 530mm I Beams
Protection Plates	20mm BIS80 Wear Protection Plates to end of Push Plates
Deck	6mm Heavy Duty Checker Plate
Access Steps	To Comply with MDG15/Maximum Step height of 400mm
Handrails	To Comply with MDG15 all 4 sides (Painted Yellow)
Reflective Tape	50mm Yellow on each side, 50mm Red on front and rear
Tow Chain	16mm Twin leg with Large Tow Ring

Fuel

Fuel Tank Capacity	Double Wall with 277l Capacity
Fill Point	2 Inch Cam Lock (Wiggins Optional)
Operating Hours at 100% load	19 x 12 Hr Shifts or 230 Hours @ 1.2 L/H

Electrical

Isolators	Lockable Starter and Battery
Jump Start Recepticle	Andersen Type
Beacons	Amber and Red (Low Fuel)
Controller	Smartgen ALC700

Hydraulics

Manifolds	1 X 12 Volt 4 Station with Test Port
Motor	2.2KW 12 Volt Fan Cooled
Filter	10 Micron on Return Circuit
Pipes	CNC Stainless Bent Pipe
Hoses	MDG41 with Burst Sleeve
Safety valves	Double Pilot Check Valaves on All Cylinders

3 Stage Paint Process

Stage 1	Raw Steel Hydrostatically Dipped @ 180 Deg Celcius
Stage 2	Primed and Seam Sealed
Stage 3	2 Pak Polyurethane (White Std) Other Colours Available

Other

Fire Extinguisher	2 x 9kg Dry Chemical Powder
Call Sign	2 X As Per Customer Request

