The Ultimate High Output High Mast Heavy Duty Sled Design Available

MLR7200 LONG RANGE SERIES

LONG RANGE LIGHTING TOWER

AUSTRALIAN DESIGNED & ENGINEERED

★ MDG15 ★ MDG41 ★ ELV 24VDC ★ AUSTRALIAN DESIGNED & ENGINEERED ★ 12 MONTH WARRANTY

1,497,600 lm	208 lm/W	60,000 hrs	18.0 m	18 × 400 W	12,950 kg	1,200 L	600 hrs
TOTAL LUMENS	LUMENS/WATT	LAMP LIFE	MAST HEIGHT	LED CONFIG	TARE WEIGHT	FUEL CAPACITY	RUNTIME

TECHNICAL SPECIFICATIONS

DIMENSIONAL & PHYSICAL

DIMENSIONS (W×L×H)	3,170 × 6,980 × 3,370 mm
WEIGHT (TARE)	12,950 kg
SLED BASE	Double High Clearance Heavy Wall I Beams
WEAR PACKAGE	20mm BIS80 Wear Packages to Bottom of 530mm I Beams
DECK	6mm Heavy Duty Checker Plate
ACCESS STEPS	MDG15 Compliant
HANDRAILS	MDG15 Compliant all 4 sides
REFLECTIVE TAPE	50mm Yellow sides, Red front/rear
TOW CHAIN	16mm Twin leg with Large Tow Ring
WIND RATING	100 km/h
PAINT PROCESS	3-Stage, E-coated & Baked 180°C
MATERIAL	Steel skid, Body 316L Stainless Steel
FIRE EXTINGUISHER	2 x 9kg Dry Chemical Powder

ENGINE & FUEL

ENGINE	Kubota 1103, 3 Cylinder, 1500 RPM
ASPIRATION	Natural
TIER	Tier IV — Australian Compliant
FUEL CAPACITY	1,200 L
FUEL CONSUMPTION	2.0 L/hr
RUNTIME	600 Hours
FILL POINT	Wiggins Quick Fill
FILTERING	10 Micron on Return Circuit
ENGINE PROTECTION	Twin Filtered Engine Oil, 2 Stage Air Filter
SERVICE INTERVAL	500 hours

ELECTRICAL SYSTEM

BATTERY	24 VDC
GENERATOR	Brushless, 24 VDC

STANDARDS & COMPLIANCE

STANDARDS	MDG15, MDG41
WARRANTY	12 months / 1,500 hours

OPTIONS

WIGGINS QUICK FILL	Optional Fill Point
CUSTOM FINISH	Custom Paint / Branding
GPS MONITORING	Remote Tracking Available

ELECTRICAL & LIGHTING

LIGHT TYPE	LED
LED CONFIGURATION	18 × 400 W
INSTALLED WATTAGE	7,200 W
TOTAL LUMENS	1,497,600 lm
LUMENS PER WATT	208 lm/W
LAMP LIFE	60,000 hours
CONTROLLER	Smartgen ALC700
SYSTEM VOLTAGE	ELV 24 VDC
THERMAL CONTROL	Automatic Thermal Control
COATING	Military/Aero Grade Titanium Based
SOLDERING PROCESS	Military/Aero Grade
PCB	Copper PCB
ELECTRICAL CONTROL	Failsafe Light Switch PCB, Smart Brightness (No PWM)
AUTO START/STOP	Standard
LOW FUEL BEACON	Automatic Email @10%

MAST & STRUCTURE

MAST TYPE	Hydraulic w/ Safety Valves
MAST HEIGHT	18.0 m
ROTATION	340°
HYDRAULIC MOTOR	2.2 kW, 12 V, Fan Cooled
HYDRAULIC MANIFOLD	12 Volt 4 Station with Test Port
BURST PROTECTION	MDG41 with Burst Sleeve
PIPES	CNC Stainless Bent Pipe
SAFETY VALVES	Double Pilot Check on All Cylinders