High Output Single Axle Lighting Tower

MLT1920 SINGLE AXLE SERIES

SINGLE AXLE LIGHTING TOWER

AUSTRALIAN DESIGNED & ENGINEERED

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

399,360 lm	208 lm/W	60,000 hrs	9.1 m	6 × 320 W	2,180 kg	185 L	231 hrs
TOTAL LUMENS	LUMENS/WATT	LAMP LIFE	MAST HEIGHT	LED CONFIG	TARE WEIGHT	FUEL CAPACITY	RUNTIME

TECHNICAL SPECIFICATIONS

DIMENSIONAL & PHYSICAL	
DIMENSIONS (W×L×H)	2,000 × 4,300 × 2,450 mm
WEIGHT (TARE)	2,180 kg
AXLE RATING / SPRING	2.5 t
TYRES	235 R16
TOW POINT	Ball or Ring Type
BRAKES	Mechanical (Option for Electric)
WIND RATING	100 km/h
PAINT PROCESS	3-Stage, E-coated & Baked 180°C
MATERIAL	316L Stainless Steel

ENGINE & FUEL	
ENGINE	Kubota Z482-E, 2 Cylinder, 1550 RPM
TIER	Tier IV — Australian Compliant
FUEL CAPACITY	185 L
FUEL CONSUMPTION	0.8 L/hr
RUNTIME	231 Hours
FILL POINT	2 Inch Cam Lock (Wiggins Optional)
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, AS-4242:1994
WARRANTY	12 months / 1,500 hours

OPTIONS	
GPS MONITORING	Remote Tracking Available
CUSTOM FINISH	Custom Paint / Branding
QUICK FILL	Wiggins Quick Fill System
LONG RANGE TANK	285 L Fuel Capacity

ELECTRICAL & LIGHTING	
LIGHT TYPE	DCB66
LED COUNT	6 × 320 W
INSTALLED WATTAGE	1,920 W
TOTAL LUMENS	399,360 lm
LUMENS PER WATT	208 lm/W
LAMP LIFE	60,000 hours
CONTROLLER	Smartgen ALC700
SYSTEM VOLTAGE	ELV 24 VDC
LIGHT COLOUR	Dual Colour Switch Technology
THERMAL CONTROL	Standard
COATING AND SOLDERING	Military/Aero Grade
ELECTRICAL CONTROL	Custom PCB's Smart Brightness (No PWM) Flicker free
AUTO START/STOP	Standard
JUMP START	Anderson or CAT
ISOLATOR	Standard Lockable Starter and Battery
EMERGENCY STOPS	Standard
LOW FUEL LEVEL BEACON	Standard

MAST & STRUCTURE	
MAST TYPE	Telescopic w/ Safety Valves
MAST HEIGHT	9.1 m
ROTATION	340°
STABILISER SUPPORTS	4 Hydraulic Legs w/ Safety Valves
HYDRAULIC MOTOR	2.2 kW, 12 V, Fan Cooled
BURST PROTECTION	All hoses protected as standard