

AURA RANGE



APPLICATIONS:

Municipal
Agriculture
Security

CD

COMMERCIAL DUTY

AURA TECHNICAL DATA SHEET

AURA

DIESEL POWERED LIGHTING TOWER

Lighting Coverage 210000 lumens / 5000m²

Generator Power 7kVA 220V

MODEL: HALT 8000-220-S-4x350

Powered by

 **YANMAR**

 **nsm**

 **Plusrite**


MOBILE LIGHTING TOWERS

SPECIFICATION

ENGINE



Engine	Three Cylinder Water Cooled Four stroke
Make/Model	Yanmar 3TNV76-GGEA
Fuel Consumption	2.68 l/ph at full load
Cooling	Water Cooled Naturally Aspirated
Output	9kW Continuous
Coupling Shaft	SAE 5-7.5
Revolution (rpm)	1500 rpm
Electric System	12v
Starting Method	Electric
Number of Cylinders	3
Displacement L (cu, in)	1.116L
Engine shutdown protection	Low oil pressure, High water temperature, Low fuel

ALTERNATOR



Make/Model	NSM K132C
Output	7kVA
Frequency	50Hz 1500RPM
Voltage output	220V AC
Coupling	SAE 5-7.5
Regulation	Capacitor
Insulation	H
Coupling	Single Bearing / Direct / SAE5-7.5

CONTROL PANEL



Controller	Smartgen ALC404
Breaker Make and Size	ABB or Equivalent 16A
IP Protection	IP55
Battery Charger	Smartgen
Battery	12v - 16Amp Hour

FUEL AND RUNNING HOURS

Material	Metal Self Bunded Tank
Capacity	100
Metering and Level Display	Yes - Mechanical
Total Running Hours	40

LIGHTING



Make/Model	NSM K132C	Lighting	4 x 350W LED
Output	7kVA	Lumens	210 000
Frequency	50Hz 1500RPM	Type of Lamp	Rectangle Type LED Lamp
Voltage output	220V AC	Individual LED switch on/off	YES
Coupling	SAE 5-7.5	Automatic dark/dawn on/off (Night Sensor)	YES
Regulation	Capacitor	Power plug in charger (City power charging function)	YES
Insulation	H	Lamp No.	Lamps / Mast
Coupling	Single Bearing / Direct / SAE5-7.5	Total Lighting Area Sqm (m2)	5000m ²

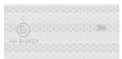
SPECIFICATION

TRAILER & ENCLOSURE		MAST TOWER	
Construction - Enclosure	Powder Coated Mild Steel	Type	Telescopic
Sound Attenuation	Yes	Total Height	8M
Sound Level	63dB at 7m	Section Type	Multi-Sections
IP Rating	IP23	Wind Speed	80KM/H
Braking	Drum Brakes with Handbrake	Rotation	350 degrees
Axle	Single Full Beam Axle	Lights Tilttable	Yes Manually
Outriggers	4 Manual Outriggers and Jack Down Type	Operation Type	Manual Operated
Suspension	Dual Leaf		
Trailer Axle	Single Axel	BATTERIES	
Hitch	Ball Hitch "Dead Man" Security Chain	Battery Capacity	-
Jockey Wheel	Yes-Light Duty	Battery Type	-
Wheel and Rim	185R/14"	Panels Quantity	-
Number Plate Lighting	Yes	Panels Type	-
Forklift Lifting Points and Entry Holes	Yes		
Options	Refer to options page		

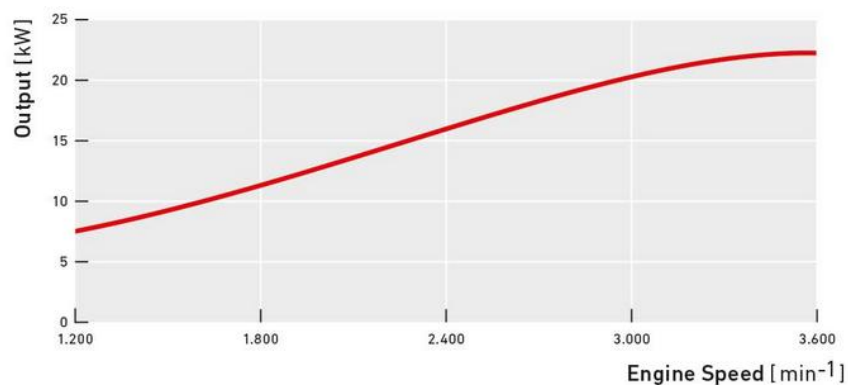
IMAGES

Type	Telescopic		
			
	SIDE VIEW	BACK VIEW	TOTAL HEIGHT

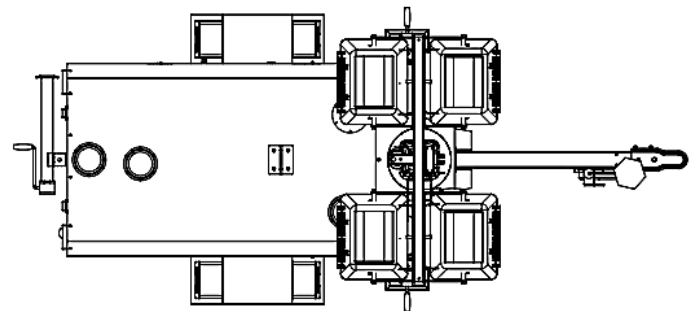
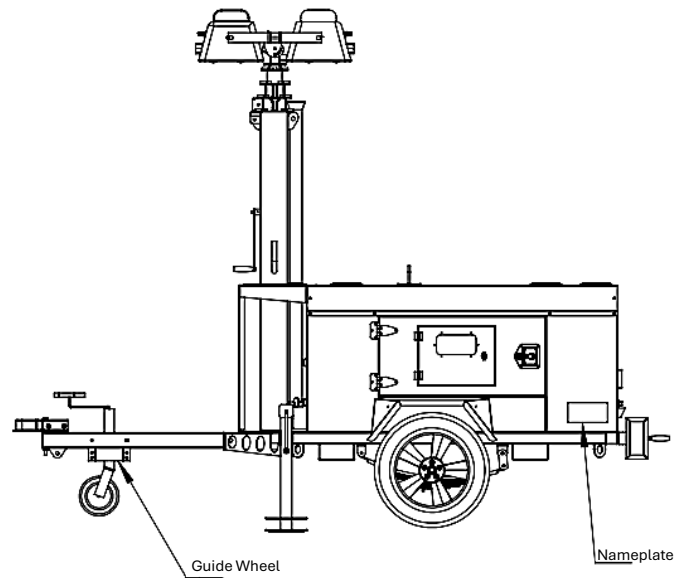
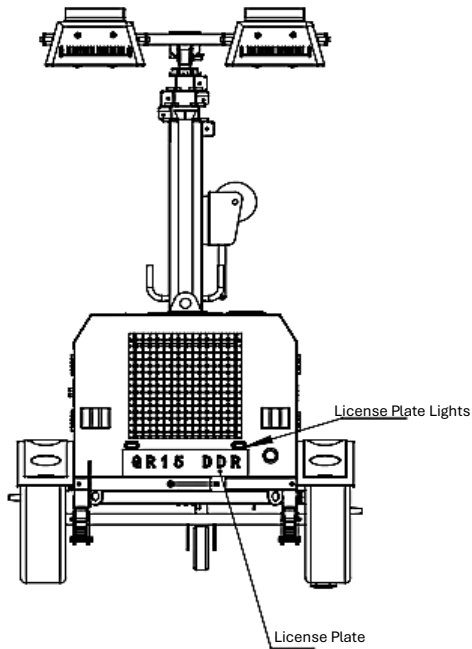
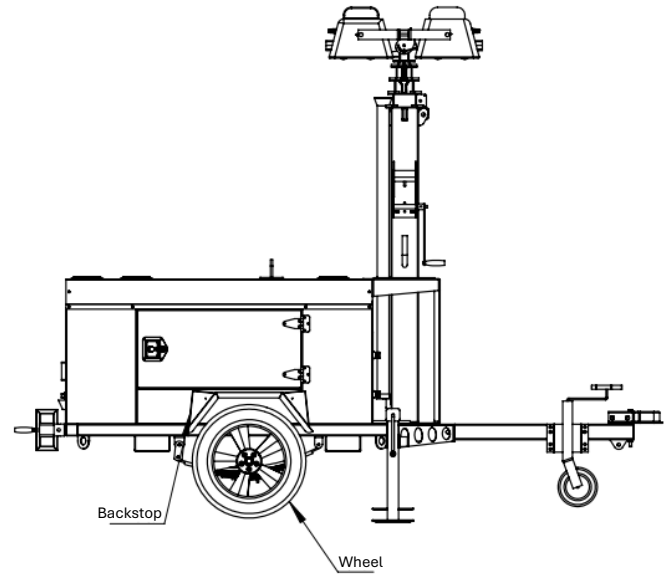
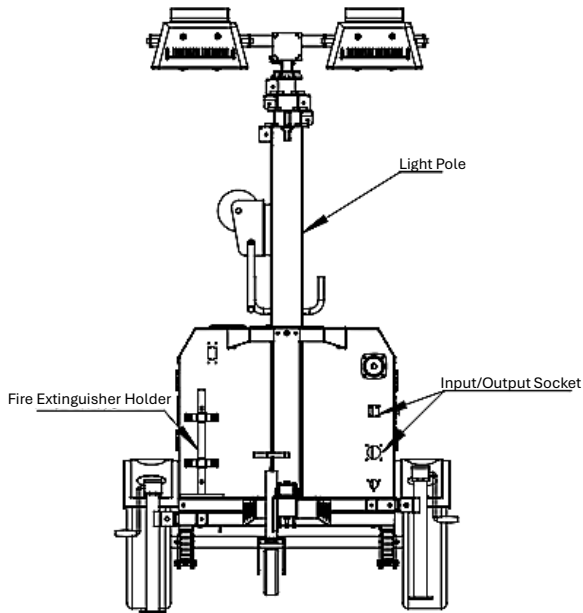
OPTIONS

JOCKEY WHEEL	FARMERS EYE HITCH (70mm RING)	COUPLER & BRAKE 50mm BALL
		
Supports and stabilizes the trailer's front end (nose weight) when uncoupled.	Provides a strong and secure towing connection between tractors, implements, trailers, or farm machinery.	Couples trailer drawbar to towing vehicle and provides controlled braking to improve safety and stability during towing.
YELLOW -SIDE	RED - REAR	WHITE - FRONT
		
High-visibility safety tape for marking trailers, vehicles, and equipment.	High-visibility safety tape for marking trailers, vehicles, and equipment.	High-visibility safety tape for marking trailers, vehicles, and equipment.
IP55 2 PIN PLUG	IP55 3 PIN PLUG	IP55 3 PHASE PLUG
		
Provides a secure electrical connection for single-phase power supply in outdoor or industrial environments.	Provides a safe and weather-resistant electrical connection for outdoor and industrial equipment.	Provides a secure and weather-resistant connection for three-phase power supply to industrial and outdoor equipment.
CHEVRON PLATE	WHEEL CHOCKS	HAZARD LIGHT
		
A chevron plate is a plate with a V-shaped pattern, often in contrasting colours, used for safety and visibility.	Wheel chocks are wedge-shaped blocks placed against a vehicle's wheels to prevent accidental movement.	A hazard light is a vehicle's flashing warning light used to alert others of danger or a stationary vehicle.
ISOLATOR SWITCH		FIRE EXTINGUISHER
		
An isolator switch disconnects electrical power for safety during maintenance or emergencies.		A fire extinguisher is a portable device used to put out small fires safely.

ENGINE CURVE



DRAWINGS



WEIGHTS DIMENSIONS & SHIPPING INFORMATION

Length:	2530
Width:	1820
Height:	2175
Weight (Dry)	1226
Weight (Wet)	-
Qty per 20ft Container - Shipping	-
Qty per 40ft Container - Shipping	-

NOTES

ASSEMBLED & DISTRIBUTED BY:

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DEALER DETAILS:[illegible]