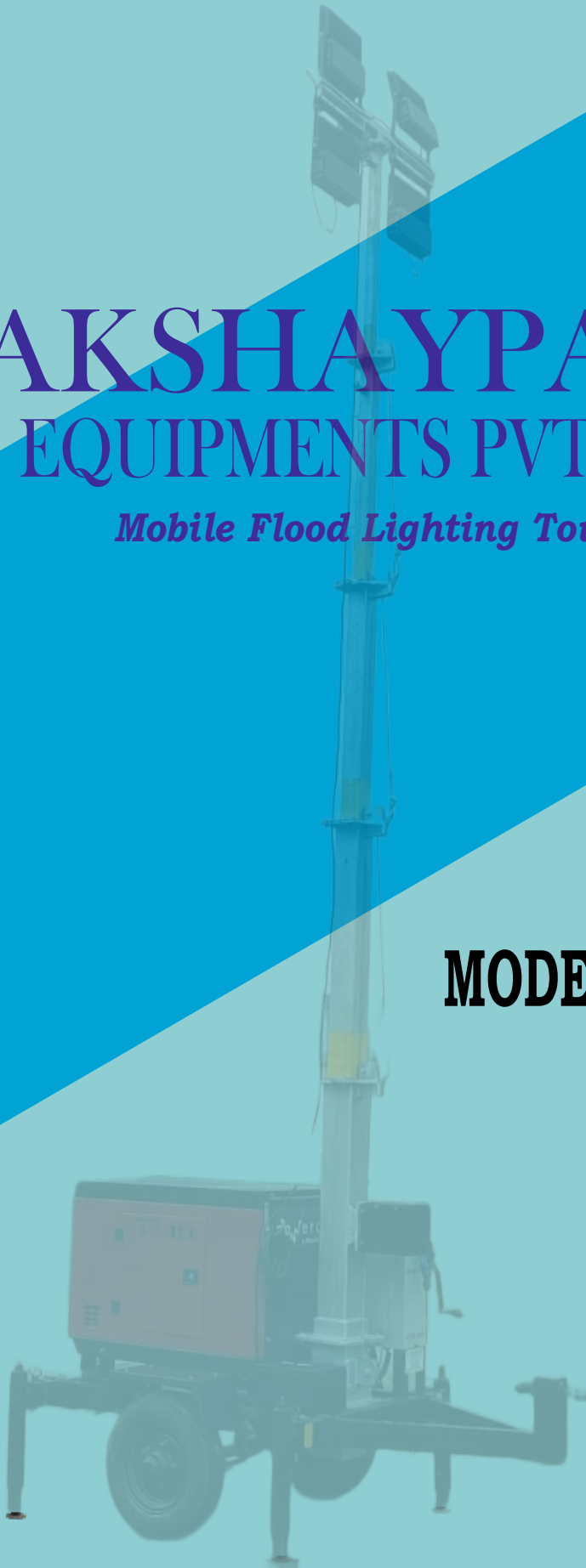


AKSHAYPATRA EQUIPMENTS PVT. LTD.

Mobile Flood Lighting Tower

MODEL:- AK-MLT-MICRO

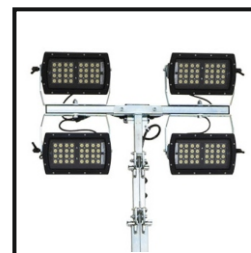




Mobile Flood Lighting Tower

Technical Specifications - AK-MLT-MICRO

MODEL	AK-MLT-MICRO
LIGHTING SYSTEM	4 NOS.250 Watts LED Lights which can be tilted in different directions for maximum utilization of the light source as per site conditions.
LIGHTING MAST	- HOT DIP GALVANIZED, Heavy duty telescopic lighting tower which can be extended upto maximum height of 7 meters from ground (including trolley and lighting cradle). *Please note that no primer / paint can be applied on inside surfaces of hollow sections used in making of telescopic tower hence hot dip galvanization is the only solution to get a rust free telescopic movement of tower for years. -Roller guide are provided for smooth operation of telescopic tower. -The raising / lowering operations of the telescopic mast is performed manually with mechanical winch.
TRAILOR	- Heavy duty Two wheel trailor complete with axle & quality highway suspension (leaf spring) with pneumatic tyre - The Trolley can be easily towed by any vehicle at different heights.
MECHANICAL STAY JACKS	-Four Nos Mechanical stay jacks (Screw Jack Type) for level adjustment / stable operation. -The entire machine including both the tyres may be raised from ground with these screw jacks whenever required. - This feature is very useful while removing the deflated tyres for repair without disturbing the working of lighting tower.





Mobile Flood Lighting Tower



MODEL	AK-MLT-MICRO		
ELECTRICAL	- Individual circuit breaker are installed for light/receptacle - Control panel provided for Monitoring voltage, current, frequency etc. - The external socket provided allows the operator to switch over to external supply wherever available. The tower lights operate without switching on the DG set thus saving on fuel as well as reduction in emission of smoke. - The DG Set power may also be used for running other small equipments at site wherever required.		
DIESEL ENGINE	- Mahindra & Mahindra make Single cylinder, Industrial duty Air cooled, naturally aspirated diesel engine (Engine Model No. KD441-GS121) developing 8.2 BHP @ 3000 RPM - Micro processor based D.G. set control panel facilitates the following:<table><tr><td><u>Status</u> Engine Speed Oil Pressure Frequency Voltage</td><td><u>Protection</u> Oil Pressure low Engine temp high</td></tr></table>	<u>Status</u> Engine Speed Oil Pressure Frequency Voltage	<u>Protection</u> Oil Pressure low Engine temp high
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GENERATOR	Mahindra & Mahindra Brushless generator continuously rated at 5 KVA 230 V, 50 Hz at 3000 rpm		
ENCLOSURE	Fully enclosed cabin complete with sound proofing noise level less than 75 dba at 1 meter distance		
STARTING BATTERY	12 V ,		



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