



AKSHAYPATRA EQUIPMENTS PVT. LTD.

MODEL:- AK-MLT-F-18

Mobile Flood Lighting Tower



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Technical Specifications - AK-MLT-F-18

MODEL	AK-MLT-F-18
LIGHTING SYSTEM	8/10 Nos. 350/400 Watts LED Lights mounted on a round cradle which can be tilted in different directions for maximum utilization of the light source as per site conditions.
LIGHTING MAST	<ul style="list-style-type: none">- HOT DIP GALVANIZED, Heavy duty telescopic lighting tower which can be extended upto maximum height of 18 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 and titling operations of the telescopic mast is performed manually with mechanical winches.
TRAILOR	<ul style="list-style-type: none">- Four wheel trolley having 4 Nos. Pneumatic/Solid rubber Tyres.- 2 Separate Axles for front and rear wheels.- 2 Separate set of Leaf Springs for front and rear wheels.- Turntable with front wheels for easy turning at sharp turns in minimum space.- Towing hook that can be connected with any towing vehicle of different height.
MECHANICAL STAY JACKS	<ul style="list-style-type: none">-Six Nos. Mechanical stay jacks (Screw Jack Type) for level adjustment / stable operation.-All the tyres may be raised from ground with these screw jacks whenever required.





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ELECTRICAL	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - KIRLOSKAR make Single cylinder, Industrial duty air cooled naturally aspirated diesel engine (Engine Model No.EA10 G1) developing 10 BHP @1500 RPM meeting latest CPCB-II norms for emission. - Micro processor based D.G. set control panel facilitates the following: <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Status</td> <td style="width: 50%;">Protection</td> </tr> <tr> <td>Engine Speed</td> <td>Oil Pressure low</td> </tr> <tr> <td>Oil Pressure</td> <td>Engine temp high</td> </tr> <tr> <td>Frequency Voltage</td> <td></td> </tr> </table> 	Status	Protection	Engine Speed	Oil Pressure low	Oil Pressure	Engine temp high	Frequency Voltage	
Status	Protection								
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GENERATOR	KIRLOSKAR GREEN Brushless generator continuously rated at 7.5 KVA 230 V, 50 Hz at 1500 rpm								
ENCLOSURE	Fully enclosed cabin complete with sound proofing noise level less than 75 dba at 1 meter distance meeting latest CPCB II norms for noise presently applicable.								
CPCB COMPLIANCE	<p>-The offered DG set meets the latest applicable CPCB norms for DG sets presently applicable in our country & has Type Approval Certificate / COP (Conformity of Production) for the offered DG sets. It may be please noted that non compliance of these norms is a punishable offence under Indian Panel code.</p> <p>For details you may click on this link:</p> <p>https://cpcb.nic.in/displaypdf.php?id=Tm9pc2VfYW5kX0dlbnNldHMvbm9pc2VsaW1pdF9kaWVzZWdlbnNldC5wZGY=</p>								
STARTING BATTERY	12 V , 65 AH								



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