

**Sumer**<sup>®</sup>

**Aerial  
Maintenance  
Platform**  
(Double Mast)



[www.sumerindia.com](http://www.sumerindia.com)





## Profile

**Super** Handling Equipments is a concern started in 1995, which is exclusively dealing in all types of Material handling equipments under its own brand name **Super** which have established a name in the market for quality products and excellent after sales service. Our quality professionals are deeply involved in ensuring Zero defect quality, for which, we have installed trial and testing facilities. We do not depend on 'batch testing' but take trial and test of each and every unit on safe working load as well as overload. We believe in 'safety first' principle. To ensure this, world class safety devices, where ever required, are provided in our equipments and until we are fully satisfied on that score, we never release products for sale in the market.

## Aerial Maintenance Platform

Is suitable for attending the maintenance work of lighting, overhead cranes, window cleaning etc., at high levels in workshops, warehouses, hotels, amusement parks, hospitals, on good pucca floors. Heavy duty alloy aluminium Masts, minimize the sway on full height. It has got four outriggers for purposes of stability. All the controls are in the hands of the operator. The wheels are wide faced, each with double ball bearings, by which one person can pull/ push the machine very easily. The net weights is very low compared to the work done at so much heights.

All models are available in battery operated lifting (DC) or single phase 220 v(AC) power operated lifting version, optionally.

## Special Features



1. **Electric Socket** AC 220V at the top of platform has been provided to do jobs using small electric tools by operator.



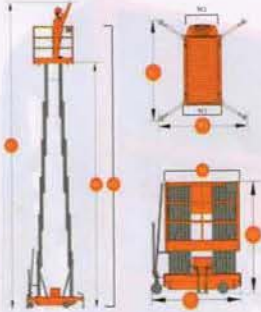
3. **Fork pockets** are provided on the base of the platform for easy loading, unloading and handling by fork lift / staker



2. **Towing Handle** is directly connected to Front wheels instead of Castor Wheels, for excellent manoeuvrability, easy pull push movement as well as long life of the system.



4. **Eye Hooks** are provided on all corners of base platform for easy loading, unloading of the platform by overhead / boom cranes.

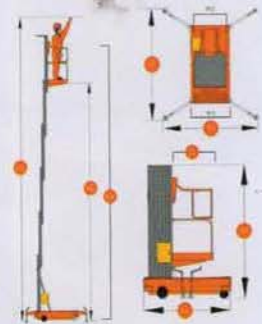


### Double Mast Platform

This is suitable for 1-2 persons to work on full height with some small tools and tackles. Heights are available 6m, 8m, 10m, 12 & 14mtr., having platform size around 1200 / 1400mm(L) x 600mm (W)

### Single Mast Platform

This is suitable for single persons to work with some small tools and tackles. Heights in this version is available only upto 6m & 8m, due to safety reasons. Platform size around 630 x 650mm



## Specifications

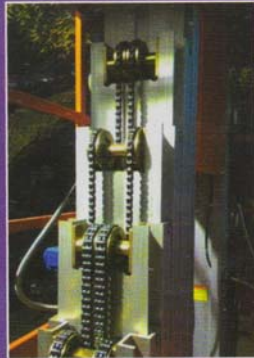
TYPE	MODEL	Loading Capacity	Max. Platform Height H1	Max. Working Height H2	Person Allowed	Platform Dimension L2 x W2	Max. Machine Height H4	Stowed Dimension L3 x W3 x H3	Outspread Size L1 x W1	Lifting Motor (Power Source)		Battery	Charger	Self Weight Kg	
										AC	DC			V/Ah	V/A
DOUBLE MAST	TMMP 3.60	300	6	8	2	1210 X 600	7.05	1530 X 820 X 1830	1850 X 1750	110 - 230V AC/1.5KW	12V / 2.5KW	2 x 12V / 55x2=110Ah	12V / 15Ah	600	636
	TMMP 3.80	300	8	10	2	1210 X 600	9.05	1530 X 820 X 1830	1850 X 1750					624	662
	TMMP 3.10	250	10	12	2	1440 X 600	11.05	1770 X 820 X 1850	2540 X 2450					750	784
	TMMP 2.12	200	12	14	2	1440 X 600	13.05	1820 X 820 X 2080	2540 X 2460					844	870
	TMMP 2.14	150	14	16	2	1440 X 600	15.05	1820 X 820 X 2360	2540 X 2460					905	925
SINGLE MAST	TMMPs 1.60	150	6	8	1	660 X 690	7.35	1420 X 800 X 1990	1990 X 1760					380	401
	TMMPs 1.80	125	8	10	1	660 X 690	9.46	1420 X 800 X 1990	1990 X 1760					404	430



# Mechanism System



Heavy Duty Alloy Aluminium Masts and twin chains ensure the double safety of lifting & lowering mechanism.



A high quality world class hydraulic power pack, equipped with all safety controls ensures personal safety on the platform. Automatic oil bleeding system after reaching full height, (if electric limit switch fails) is also provided for further safety.

# Electrical System

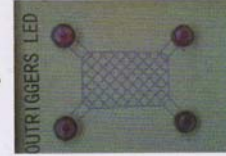
In AC model, the control panel is of an international standard design with simple & safe controls. No cumbersome electric devices are provided, as to avoid break downs and unnecessary maintenance. An 'ON' 'OFF' key is also provided to prevent the misuse of unit. LED lights are also there for each out rigger



In DC model, a DC Control Panel having all characters same as in AC panel & battery charging indicator with two 12 volt, maintenance free world famous Batteries, which ensure working of platform any where without availability of electric supply. LED lights are also there for each out rigger



# Safety features



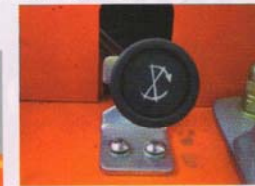
Folding type Out Riggers are provided for keeping the platform stable and quite safe, while in raised position. These Out riggers are connected to the corners of the chassis with automatic pin locking system by which no out rigger will come out while moving the platforms & out riggers are again automatically locked in fully open position.

For Safety purpose every out rigger connected with LED Light seperately. When out rigger opens and touch the floor the LED Lights get ON. The platform cannot be lifted till all the out riggers touch the floor and all LED lights get ON.

Buzzer & Caution Light on the chassis of the machine which flashes during up and down movement of the platform. This is an important safety measure to ensure that any person standing by is cautioned when platform is moving UP & DOWN.



Safety Belt Hook is provided on the Platform for extra safety of the Operators.



When working on heights and power supply/Batteries fails, an emergency release valve is provided for lowering the platform from bottom chassis.



Railing locking system by Heavy duty screws is provided on all the four corners of the platform. This screw system is more safe, reliable, and no replacement/maintenance is required for many years.



A pendant with all controls and emergency stop is provided on the platform which ensures independent working by the operator and after pushing the lock push button, no one can operate the platform from the floor, which ensures 100% safety while working on heights.



A high quality limit switch ensures cut off the power supply when platform reaches its optimum height. Safe control voltage (24 V) is in the circuit.



This spirit level gauge helps to ensure levelling of the platform by screwing out riggers before raising. Leveling can be done by Out Rigger Screws, if floor is uneven

# Comfort & Convenience



No tools, Keys, or spanners are required to open the out riggers. Within 20 seconds all out riggers can be opened very easily by single person.

Its convenient to screw all the Out Riggers to touch the floor for levelling, Foot pads are fitted in the bottom of screw for form grip with floor.



Battery Charger is in-built for more safety, long life & your convenience.

The Platform is light weight and very easy to move any where by a single person only. Here it shows the open position of railings on platform which needs much height of doors to enter.



Railings can be folded in the platform, so, it can enter in low height gates, which makes this machine very handy & can have access any where in plants, godowns etc. Conveniently.

# Sumer®

## Aerial Maintenance Platform (Single Mast)



**Sumer & Co. (Regd.)**

ISO 9001-2008 COMPANY

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