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Pneumatic Telescopic Hilomast Masts - FM Series

One of the main problems with floodlighting masts is the electric cable having to safely travel the full length of the extended mast, and be conveniently stored when retracted.

The FM Series of Hilomast has solved both these problems in a neat and practical way, a coiled cable enters the mast through a special gland in the base and extends inside the mast to the top where it exits into a junction box for lighting connections. The memory in the cable allows it to extend and retract with the mast.

Coupled with the obvious advantages of a pneumatic telescopic mast the 'FM' System is one of the market leaders in this field.

There are three standard models in this series, all with a base, diameter of 115mm. Each has an inner cable with four cores of 2.5mm/sq., and are complete with a rainshield, rotation handles, pressure relief valve and mast extension warning switch.

Mounting is with side mounting brackets NSM/115, or vehicle roof bearing kit NRB/115. Extension is by compressor or foot pump. As these masts are usually used in situations of short duration, they do not have locking collars or top guys as standard, but are available if required.



Specification for Locking Collar models.

Mast	Height Extended	Height Retracted	Number of Tubes	Top Tube Diameter	Vertical Head Load	Maximum Windspeed	With Top Guys	Mast Weight
	Metres	Metres		mm	kgs	kph	kph	kgs
FM5	4.7	1.63	5	63	45	170	206	25
FM6	6.6	2.02	5	63	36	130	130	29
FM8	8	2.31	5	63	28	115	115	33

Wind speeds calculated on maximum vertical load with side surface area of 3200sq.cms

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