FTM Series

Our first series of products, FTM masts, are designed and manufactured for heavy payloads. Carbon composite structures and patented locking systems make our FTM series masts strong and reliable. FTM Series, adaptable to land and sea platforms, are already used in electronic warfare systems, anti-drone systems, communications, optics, thermal cameras, weapon systems and radio systems.

FTM Technical Advantages

1. It can be used while the vehicle is on the move.
2. It can be operated motor driven or manually
3. It can remain stable at any height due to the locking system.
4. Thanks to the control panel it can be operated from inside or outside the vehicle.
5. The payload height is displayed digitally on the control panel.
6. It has ideal stability for sensitive payloads such as optical, antenna or camera systems.

FTM Series								
	Unit of Measure	SD-3	SD-4	SD-6	SD-8	SD-10	SD-12	SD-15
Extended Height	m	3	4	6	8	10	12	15
Nested Height	m	1,08	1,40	1,63	1,8	2,05	2,3	2,7
Rated Pay Load	kg	300	300	200	200	170	140	120
Weight	kg	100	110	180	200	220	240	270
Survival Wind Speed	km/h	160	160	160	160	128	100	85
Deployment Wind Speed	km/h	80	80	120	120	96	80	64
Erection Time with Power	sec	60	65	50	70	90	110	140
Voltage	VDC	28	28	28	28	28	28	28
Foot Print	cmxcm	44x26	44x26	52x32	52x32	52x32	52x32	52x32

*(1) The operational wind speed depends on the surface area of the payloads. Must be analyzed.
*(2) The time of ascent and descent is adjusted according to the desired time.

STANDARDS

EMI/EMC
MIL-STD-461F

Rain
MIL-STD-810G
Method 506.5

Fungus and Mould Growth
MIL-STD-810G
Method 508.6

Salt Fog
MIL-STD-810G
Method 509.5

Icing and Freezing
MIL-STD-810G
Method 521.3

Vibration
MIL-STD-810G
Method 514.6

High Temperature
MIL-STD-810G
Method 501.5

Dust and Sand
MIL-STD-810G
Method 514.6

Shock
MIL-STD-810G
Method 516.6

Low Temperature
MIL-STD-810G
Method 502.5

Low Pressure
MIL-STD-810G
Method 500.5