TOTAL MAST SOLUTIONS

BUILT FOR MISSION.
ENGINEERED TO PERFORM.

ELECTROMECHANICAL MAST

MecMast Ø 127 - 152 mm

MAST SYSTEM

OVERVIEW

The MecMast is a next-generation electromechanical telescopic mast, engineered to meet demanding requirements across communications, defence and surveillance. Certified to stringent MIL-STD standards, it delivers reliable performance in challenging operational environments. Control options include PC, dedicated control units and multiple communication protocols, allowing seamless integration with existing systems. Designed to support heavy and bulky equipment, the MecMast provides stable, precise extension with dependable performance. A wide range of accessories and additional components also enables the system to be fully customised for different applications and operational requirements.



MecMast



MecMast Roof

KEY FEATURES

- Maximum durability, minimal maintenance
- Advanced control through various user interfaces
- Ideal for harsh conditions and complex operational scenarios
- Built with concentric aluminium alloy tubes
- Simple remote control and automation
- Supports RS422, RS485, Ethernet and CAN bus
- Specialist horizontal-to-vertical mounting solutions
- Compact, palletised system ideal for vehicle platform installations.

SPECIFICATIONS

Height	1m min. / 30m max.
Maximum load capacity	Max: 1000kg

MILITARY STANDARDS

- MIL-STD-461F
- MIL-STD-1275E
- MIL-STD-810G
- MIL-STD-1686C
- MIL-STD-810F
- MIL-STD-464C

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MAIN TUBE Ø127 mm - 4 SECTIONS - END TUBE Ø90 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.0404.SE	4021	1430	90 KG	70 KG
MM.0405.SE	5011	1700	90 KG	74 KG
MM.0406.SE	6011	1980	80 KG	81 KG
MM.0407.SE	7011	2260	80 KG	86 KG
MM.0408.SE	8011	2540	70 KG	91 KG
MM.0409.SE	9011	2820	70 KG	95 KG

MAIN TUBE Ø152 mm - 4 SECTIONS - END TUBE Ø115 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.2404.SE	4021	1430	150 KG	79 KG
MM.2405.SE	5011	1700	150 KG	87 KG
MM.2406.SE	6011	1980	140 KG	93 KG
MM.2407.SE	7011	2260	140 KG	99 KG
MM.2408.SE	8011	2540	130 KG	105 KG
MM.2409.SE	9011	2820	130 KG	111 KG

MAIN TUBE Ø152 mm - 5 SECTIONS - END TUBE Ø102 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.2504.SE	4035	1270	130 KG	80 KG
MM.2505.SE	5025	1500	130 KG	86 KG
MM.2506.SE	6045	1720	120 KG	91 KG
MM.2507.SE	7035	1950	120 KG	98 KG
MM.2508.SE	8025	2180	110 KG	104 KG
MM.2509.SE	9045	2400	110 KG	109 KG
MM.2510.SE	10035	2630	100 KG	115 KG

MAIN TUBE Ø152 mm - 6 SECTIONS - END TUBE Ø90 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.2604.SE	4029	1200	110 KG	82 KG
MM.2605.SE	5009	1380	110 KG	87 KG
MM.2606.SE	6049	1570	100 KG	92 KG
MM.2607.SE	7049	1770	100 KG	98 KG
MM.2608.SE	8029	1950	90 KG	104 KG
MM.2609.SE	9009	2130	90 KG	109 KG
MM.2610.SE	10009	2330	80 KG	114 KG
MM.2611.SE	11049	2520	80 KG	119 KG
MM.2612.SE	12029	2700	70 KG	124 KG

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