TOTAL MAST SOLUTIONS

BUILT FOR MISSION.
ENGINEERED TO PERFORM.

ELECTROMECHANICAL MAST

MecMast Ø 200 - 250 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 Ø200 mm - 5 SECTIONS - END TUBE Ø140 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.3504.SE	4034	1270	210 KG	99 KG
MM.3505.SE	5024	1500	210 KG	108 KG
MM.3506.SE	6014	1730	200 KG	116 KG
MM.3507.SE	7004	1960	200 KG	127 KG
MM.3508.SE	8044	2200	190 KG	136 KG
MM.3509.SE	9014	2410	190 KG	144KG
MM.3510.SE	1004	2640	180 KG	153 KG

MAIN TUBE Ø200 mm - 6 SECTIONS - END TUBE Ø127 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.3604.SE	4006	1180	190 KG	101 KG
MM.3605.SE	5006	1380	190 KG	109 KG
MM.3606.SE	6046	1570	180 KG	116 KG
MM.3607.SE	7046	1770	180 KG	127 KG
MM.3608.SE	8026	1950	170 KG	134 KG
MM.3609.SE	9026	2150	170 KG	142 KG
MM.3610.SE	10006	2330	160 KG	150 KG
MM.3611.SE	11006	2530	160 KG	158 KG
MM.3612.SE	12046	2720	160 KG	165 KG

MAIN TUBE Ø200 mm - 7 SECTIONS - END TUBE Ø115 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.3704.SE	4028	1130	170 KG	102 KG
MM.3705.SE	5028	1290	170 KG	109 KG
MM.3706.SE	6048	1470	160 KG	117 KG
MM.3707.SE	7048	1630	160 KG	124 KG
MM.3708.SE	8048	1790	150 KG	133 KG
MM.3709.SE	9048	1950	150 KG	140 KG
MM.3710.SE	10068	2130	140 KG	148 KG
MM.3711.SE	11068	2290	140 KG	155 KG
MM.3712.SE	12018	2460	130 KG	163 KG
MM.3713.SE	13018	2620	130 KG	170 KG

MAIN TUBE Ø200 mm - 8 SECTIONS - END TUBE Ø102 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.3805.SE	5000	1250	140 KG	110 KG
MM.3806.SE	6060	1400	140 KG	117 KG
MM.3807.SE	7040	1540	130 KG	124 KG
MM.3808.SE	8020	1680	130 KG	131 KG
MM.3809.SE	9000	1820	120 KG	138 KG
MM.3810.SE	10060	1970	120 KG	145 KG
MM.3811.SE	11040	2110	110 KG	152 KG
MM.3812.SE	12040	2270	110 KG	152 KG
MM.3813.SE	13020	2410	100 KG	166 KG
MM.3814.SE	14000	2550	100 KG	173 KG

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MAIN TUBE Ø200 mm - 9 SECTIONS - END TUBE Ø90 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.3905.SE	5012	1240	120 KG	112 KG
MM.3906.SE	6022	1370	120 KG	118 KG
MM.3907.SE	7012	1480	120 KG	123 KG
MM.3908.SE	8022	1610	110 KG	129 KG
MM.3909.SE	9072	1740	110 KG	137 KG
MM.3910.SE	10042	1870	100 KG	144 KG
MM.3911.SE	11052	2000	100 KG	150 KG
MM.3912.SE	12062	2130	90 KG	156 KG
MM.3913.SE	13072	2260	90 KG	163 KG
MM.3914.SE	14082	2390	80 KG	169 KG
MM.3915.SE	15002	2510	80 KG	175 KG
MM.3916.SE	16012	2640	80 KG	182 KG

MAIN TUBE Ø250 mm - 6 SECTIONS - END TUBE Ø152 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.4604.SE	4026	1200	240 KG	127 KG
MM.4605.SE	5026	1400	240 KG	138 KG
MM.4606.SE	6026	1600	220 KG	149 KG
MM.4607.SE	7026	1800	220 KG	164 KG
MM.4608.SE	8018	1980	200 KG	175 KG
MM.4609.SE	9006	2180	200 KG	187 KG
MM.4610.SE	10046	2370	180 KG	198 KG
MM.4611.SE	11046	2570	180 KG	209 KG
MM.4612.SE	12046	2770	180 KG	222 KG

MAIN TUBE Ø250 mm - 7 SECTIONS - END TUBE Ø140 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.4704.SE	4048	1150	220 KG	128 KG
MM.4705.SE	5048	1310	220 KG	137 KG
MM.4706.SE	6068	1490	210 KG	149 KG
MM.4707.SE	7018	1660	210 KG	159 KG
MM.4708.SE	8018	1820	200 KG	172 KG
MM.4709.SE	9018	1980	200 KG	182 KG
MM.4710.SE	10038	2160	190 KG	194 KG
MM.4711.SE	11038	2320	190 KG	204 KG
MM.4712.SE	12058	2500	170 KG	215 KG
MM.4713.SE	13058	2660	170 KG	225 KG

MAIN TUBE Ø250 mm - 8 SECTIONS - END TUBE Ø127 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.4805.SE	5020	1270	200 KG	139 KG
MM.4806.SE	6000	1410	200 KG	148 KG
MM.4807.SE	7060	1560	190 KG	157 KG
MM.4808.SE	8060	1720	190 KG	170 KG
MM.4809.SE	9040	1860	180 KG	180 KG
MM.4810.SE	10020	2000	180 KG	189 KG
MM.4811.SE	11000	2140	170 KG	199 KG
MM.4812.SE	12000	2300	170 KG	209 KG
MM.4813.SE	13060	2450	160 KG	219 KG
MM.4814.SE	14040	2590	160 KG	229 KG
MM.4815.SE	15034	2750	150 KG	240 KG

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MAIN TUBE Ø250 mm - 9 SECTIONS - END TUBE Ø115 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.4905.SE	5012	1240	180 KG	138 KG
MM.4906.SE	6022	1370	180 KG	147 KG
MM.4907.SE	7032	1500	180 KG	156 KG
MM.4908.SE	8042	1630	170 KG	165 KG
MM.4909.SE	9072	1780	170 KG	178 KG
MM.4910.SE	10082	1910	160 KG	187 KG
MM.4911.SE	11002	2030	160 KG	195 KG
MM.4912.SE	12012	2160	150 KG	204 KG
MM.4913.SE	13022	2290	150 KG	214 KG
MM.4914.SE	14032	2420	140 KG	223 KG
MM.4915.SE	15062	2570	140 KG	234 KG
MM.4916.SE	16072	2700	130 KG	243 KG

MAIN TUBE Ø250 mm - 10 SECTIONS - END TUBE Ø102 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.5006.SE	6014	1340	160 KG	146 KG
MM.5007.SE	7034	1460	160 KG	155 KG
MM.5008.SE	8054	1580	150 KG	163 KG
MM.5009.SE	9074	1700	150 KG	174 KG
MM.5010.SE	10014	1830	140 KG	184 KG
MM.5011.SE	11034	1950	140 KG	193 KG
MM.5012.SE	12054	2070	130 KG	201 KG
MM.5013.SE	13074	2190	130 KG	210 KG
MM.5014.SE	14044	2305	120 KG	219 KG
MM.5015.SE	15014	2420	120 KG	227 KG
MM.5016.SE	16034	2540	110 KG	236 KG
MM.5017.SE	17054	2660	110 KG	245 KG

MAIN TUBE Ø250 mm - 11 SECTIONS - END TUBE Ø90 mm

MODEL	DIMENSIONS mm		PAYLOAD	WEIGHT
	EXTENDED	RETRACTED		
MM.5106.SE	6046	1340	140 KG	146 KG
MM.5107.SE	7031	1455	140 KG	155 KG
MM.5108.SE	8041	1565	130 KG	164 KG
MM.5109.SE	9051	1675	130 KG	172 KG
MM.5110.SE	10006	1780	120 KG	181 KG
MM.5111.SE	11016	1890	120 KG	189 KG
MM.5112.SE	12026	2000	110 KG	198 KG
MM.5113.SE	13036	2110	110 KG	206 KG
MM.5114.SE	14046	2220	100 KG	215 KG
MM.5115.SE	15056	2330	100 KG	223 KG
MM.5116.SE	16066	2440	90 KG	232 KG
MM.5117.SE	17021	2535	90 KG	240 KG
MM.5118.SE	19031	2655	80 KG	248 KG
MM.5120.SE	20051	2875	80 KG	265 KG

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