



ELECTROMECHANICAL MAST SYSTEMS

ALTINAY MAST SYSTEMS

MODEL	Elevation Mast	EOS Mast	Tank Mast
Nested Height	2 Meter	1.5 Meter	0.7 Meter
Extended Height	10 Meter	4 Meter	2.5 Meter
Payload	180 kg	75 kg	150 kg
No of Sections	8	4	6
Drive Type	Electromechanical	Electromechanical	Electromechanical
Base Area	540x568 mm	300x600 mm	335x500 mm
Working Temperature	-40°C / 55°C	-40°C / 55°C	-40°C / 55°C
Approximate Mast Weight	200 kg	140 kg	120 kg
Extension Time	1 min	1 min	1 min
Tube Material	Carbonfiber	Carbonfiber	Carbonfiber
Working Slope	5°	10°	10°
Power Requirement (Nominal / Maximum)	1400 W / 2880 W	320 W / 960 W	480 W / 960 W
Nominal	40 A	12 A	17 A



ALTINAY ANTENNA MAST

Extended Height	3.2 metre	Extension Time	1 min
Nested Height	8 metre	Tilting Time	1 min
No of Sections	3	Working Slope	10°
Approximate Mast Weight	350 kg	Tube Material	Glass Fiber
Working Temperature	-40°C / 55°C	Drive Type	Electromechanical
Operational Voltage	200 -240 VAC	Nominal Power	1000 W



Special Locking Mechanism

8 Cable Carrying Arm

8 Special Antenna Cable Management Mechanism

Special Powered Tilt System

10° Working Slope

10000 Life Cycle

Ethernet Communication Interface