

QEAM MTS Series

The QEAM MTS Series from Will-Burt is a highly transportable field mast ideally suited for antennas and other payloads that require stable elevation from 3 to 15 meters. High pointing accuracy is assured with vertical keyways built into the carbon/glass fiber tubes. The MTS is elevated and retracted by strong straps that are driven manually with a manual crank system or an optional motorized system.

The QEAM MTS meets the environmental requirements of MIL-STD-810 and will exceed the requirements of the mission.

MTS Kit



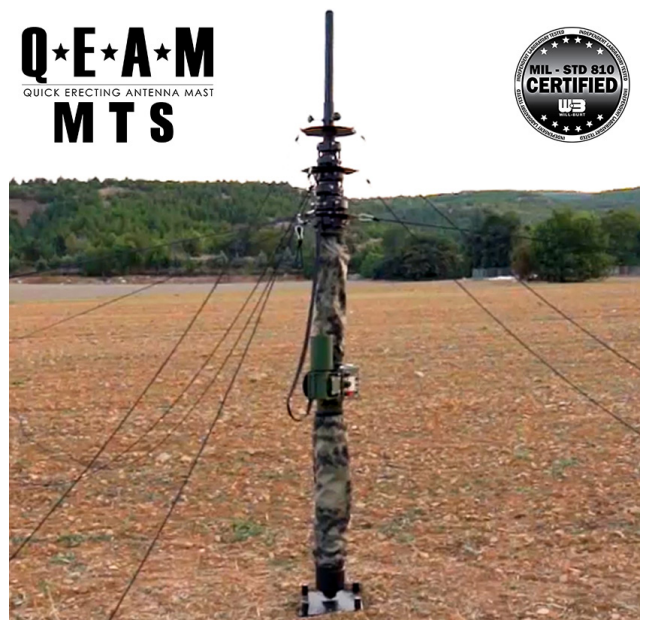
Automatic motor version shown above. Hand crank replaces motor and cables in manual version.



Essential Features

- Lightweight Telescopic Mast System
 - Composite mast sections
- Minimal payload twist
 - Keyways improve pointing accuracy
- Fast and safe deployment
 - Hand-operated lift system
 - Optional electric lift system
- Position payload at any height
 - Winch locks mast in place
- Complete Elevation System
 - Includes all items needed to deploy
- Meets MIL-STD-810 Environmental
- Voltage - 24 VDC

Q•E•A•M
QUICK ERECTING ANTENNA MAST
MTS



Specifications - MTS Series

Automatic Electric Motor	3MTS-A3-1.3	4MTS-A4-1.45	6MTS-A5-1.75	8MTS-A6-2	10MTS-A7-2.2	12MTS-A7-2.45	15MTS-A7-2.9
Extended Height	3m	4m	6m	8m	10m	12m	15m
Nested Height	1.3m	1.45m	1.75m	2m	2.2m	2.45m	2.9m
Number of Sections	3	4	5	6	7	7	7
Payload Capacity	70 kg	65 kg	60 kg	55 kg	45 kg	40 kg	30 kg
Maximum Wind Area	0.8m ²	0.8m ²	0.8m ²	0.8m ²	0.8m ²	0.8m ²	0.8m ²
Maximum Survival Wind Speed	160 km/h	160 km/h	160 km/h	160 km/h	160 km/h	160 km/h	160 km/h
Outer Section Diameter	ø126mm	ø126mm	ø126mm	ø126mm	ø126mm	ø126mm	ø126mm
Voltage	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Mast Only Weight	19 kg	24 kg	29 kg	34 kg	39 kg	43 kg	49 kg
Accessories Weight with Motor	34 kg	34 kg	34 kg	34 kg	43 kg	43 kg	43 kg

Manual Hand Crank	3MTS-M3-1.3	4MTS-M4-1.45	6MTS-M5-1.75	8MTS-M6-2	10MTS-M7-2.2	12MTS-M7-2.45	15MTS-M7-2.9
Extended Height	3m	4m	6m	8m	10m	12m	15m
Nested Height	1.3m	1.45m	1.75m	2m	2.2m	2.45m	2.9m
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Outer Section Diameter	ø126mm	ø126mm	ø126mm	ø126mm	ø126mm	ø126mm	ø126mm
Mast Only Weight	19 kg	24 kg	29 kg	34 kg	39 kg	43 kg	49 kg
Accessories Weight with Motor	32 kg	32 kg	32 kg	32 kg	41 kg	41 kg	41 kg

The Will-Burt Company, headquartered in Orrville, Ohio, USA, is the world's premier manufacturer of mobile telescoping masts, towers and pan and tilt positioners. We offer virtually every mobile payload elevation and integration solution for defense, government, first responders, cellular and mobile, broadcast, energy production and other markets. Will-Burt also offers contract manufacturing, metal fabrication, powder-coating, and rapid prototyping services. Will-Burt is an international company with offices and manufacturing in the USA, England, and Germany along with offices in Singapore and a joint venture in Turkey. All Will-Burt Company manufacturing locations are backed by a certified ISO 9001:2015 Quality Management System. Incorporated in 1918, Will-Burt is 100% employee-owned and is classified as a small business.



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