

QEAM

Quick Erecting Antenna Mast (QEAM)



Will-Burt's Quick Erecting Antenna Mast (QEAM) is a series of reliable screw-drive or strap-drive guyed field masts made of high-strength 6061-T6 aluminum tubes. The HDTM 10C and the TM 15C are made from carbon composite tubes. Designed for manual operation, QEAM elevates light payloads for ground-mounted, vehicle and shelter deployment. QEAM is an economical mast and meets MIL-STD-810 environmental standards for operations in extreme conditions. The QEAM TM 10 is recognized as the AB-1386/U for the U.S. Army CECOM.

Features:

Easy manual crank up

- No power supply needed

Automatic locking collars

- Locks at any height desired
- Patented latch mechanism

Manual mechanical drive

- Reliable deployment without power

Standard ground mounting kits with guylines and transport bag included

Optional vehicle and shelter mounting kits available



Specifications	TM 10 (AB-1386/U)	HDTM 10C	TM 15C	TM 21	TM 25	TM 34
Nested height	8 ft./2.4 m	8 ft./2.4 m	8 ft./2.4 m	14.58 ft./4.5 m	14.8 ft./4.5 m	19 ft./5.8 m
Extended height	32.83 ft./10 m	32.83 ft./10 m	49.5 ft./15 m	70.67 ft./21 m	82 ft./25 m	112 ft./34 m
Guying	2 level/3 way	2 level/4 way	3 level/4 way	4 level/4 way	5 level/4 way	5 level/4 way
No. of sections	5	5	8	6	7	7
Weight (mast only)	42 lb./19 kg	55 lb./25 kg	95 lb./43.1 kg	197 lb./90 kg	220 lb./100 kg	250 lb./113 kg
Weight (accessory kit)	57 lb./26 kg	(2) 42 lb./19 kg	(2) 42 lb./19 kg	245 lb./111 kg	275 lb./125 kg	275 lb./125 kg
Payload Capacity	15 lb./7 kg	75 lb./34 kg	75 lb./34 kg	180 lb./80 kg	150 lb./68 kg	110 lb./50 kg
Deployment time	2 persons, 7.5 min.	2 persons, 8 min.	2 persons, 15 min.	3 persons, 25 min.	3 persons, 30 min.	3 persons, 30 min.
Drive System	Screw drive	Screw drive	Screw drive	Strap drive	Strap drive	Strap drive
Finish	MIL-F-14072 CARC	Pultruded Black Finish	Pultruded Black Finish	MIL-A-8625 Type II, CL 2 Black	MIL-A-8625 Type II, CL 2 Black	MIL-A-8625 Type II, CL 2 Black