



CLIENT: ELBIT SYSTEMS – Israeli Army
The perfect platform for every sensor or antenna



CLIENT: RAYTHEON – U.S. Army Live Training Program
Custom Trailers with many shelter and power options available

FM SERIES *Telescoping Masts*

The FM Series is our flagship telescoping mast system. Each mast is based on an exquisitely simple design that lends itself to extremely rugged and dependable service. They are nearly maintenance free; of the 110+ FM20's in theater over the past 2 years, parts for *only EIGHT masts* have been ordered by the Army.

The FM Series mast is in use every day; whether it is depended upon by U.S. Army soldiers in Iraq as HMMWV mounted camera or antenna platforms, by SPAWAR in Antarctica as trailer based weather stations, NASA on Arctic Ice Breakers or the Israeli Army. Floatograph Technologies provides elevated systems that assist the U.S. Military.

Every mast is easily adapted to your platform requirement – HMMWV bumper, trailer, receiver hitch, ground, wall mounted or transportable mount. Call today to discuss your specific needs.

FM Series Masts Feature:

- All Aluminum & Stainless Steel Construction
- Self-Lubricating Nylon Shims
- Manual or Electric Motors (12/24vdc or 120vac)
- Upper & Lower Electro-Mechanical Safety Switches
- Weight Capacities of 50 to 450 #, custom to 1500#
- Cable Guide rings or Clips on Each Section
- Guy Line Connectors
- Vertical Hard Mount or Can be Tilted Horizontal for Travel
- Cold Weather Defrost System
- *NO Seals, air lines or compressors to wear out!*

Mast Model	Extended Height	Retracted Height	Max. Payload	No. of Sections
FM-15	15' - 4.5m	55.00"	50#	5
FM-20	20' - 6.1m	58.00"	50#	7
FM-30	30' - 9.1m	82.00"	50#	7
FM-40	40' - 12.2m	91.50"	50#	8
FM-50	50' - 15.2m	108.75"	50#	8
FM-60	60' - 18.3m	125.50"	50#	8
FM-70	70' - 21.3m	143.00"	50#	8
FM-15 HD	15' - 4.5m	66.00"	150#	5
FM-20 HD	20' - 6.1m	83.50"	150#	5
FM-30 HD	30' - 9.1m	106.25"	150#	6
FM-40 HD	40' - 12.2m	136.25"	150#	6
FM-50 HD	50' - 15.2m	166.25"	150#	6
FM-60 HD	60' - 18.3m	161.25"	150#	8
FM-70 HD	70' - 21.3m	184.25"	150#	8
FM-20 SHD	20' - 6.1m	71.75"	280#	7
FM-30 SHD	30' - 9.1m	97.75"	280#	7
FM-40 SHD	40' - 12.2m	123.75"	280#	7
FM-50 SHD	50' - 15.2m	129.50"	280#	9
FM-60 SHD	60' - 18.3m	150.25"	280#	9
FM-70 SHD	70' - 21.3m	170.75"	280#	9