

EXB-MASTS

TACTICAL TELESCOPIC VEHICLE MASTS FOR HIGHLY MOBILE OPERATIONS





PRODUCT PAGE

EXB-MASTS

EXB-masts are designed for vehicular operations where minimal time and manpower for deployment is available.

Push-button, vehicle-mounted masts allow rapid extension and operation without guy ropes.

EXB-masts extend to heights up to 15 m from the platform. EXB-masts support payloads of up to 165 kg, depending on mast performance requirements. EXB-masts are made of carbon and glass fibre.

EXB-masts have a double-belt system. One belt is used for mast extension, the second belt is to assure proper lowering under adverse conditions of wind and slope. This technique has been proven to work under severe conditions, especially in sandy and dusty environments. EXB-masts are equipped with an automatic latch mechanism for controlling the order in which tube sections extend. Winch is operated by an electric winch power unit (WPU) and remote control. Voltage options: DC 24V, AC 110–230V with power transformer. A manual hand crank is provided as a backup for power failure.

Standard designs can be customised according to customer's specifications and requirements and painted in customer specific colours.

ACCESSORIES AND ANCILLARIES

- antenna positioners
- vehicle mounting kits
- antenna brackets
- guying ropes (optional)
- power transformer (110–230V)
- computer interface (RS485)

Standard EXB mast systems

MAST TYPE	EXB269-MASTS		EX333-MASTS	
EXTENDED HEIGHT (M/FT)	6/19.7	10/32.8	10/32.8	15/49.2
TRANSPORTATION LENGTH (M/FT)	1.2/3.9	1.8/5.9	1.7/5.6	2.4/7.9
VERTICAL TOP LOAD (KG/LB)	50/110	50/110	120/265	120/265
WIND AREA C _{XA} (M ² /FT ²)	0.5/5	0.4/4	0.6/6	0.3/3
OPERATIONAL WIND SPEED (M/S / MPH)	25/56	25/56	25/56	25/56
MAST WEIGHT (KG/LB)	120/265	140/309	160/353	200/441

Masts listed above are examples. Other lengths with different top load specifications are available at request.

Mastsystem Int'l Oy's quality – and environmental management system fulfils the requirements of ISO 9001, ISO 14001 and AQAP 2110 standards. Masts and accessories have been proven to meet the environmental requirements in accordance with the MIL-STD 810 and DEF STAN 00-35.



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