

EXB-Masts

Lightweight, telescopic masts for highly mobile operations

Data Sheet

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Lightweight, telescopic masts for highly mobile operations

EXB-masts are designed for operations where minimal time and manpower for deployment is available. Push-button, vehicle-mounted masts allow rapid extension and operation without guy ropes. Top section can be guyed, if required. EXB-masts extend to heights up to 15 m from the platform. Maximum payloads of up to 120 kg, depending on mast performance requirements. EXB-masts are made of carbon and class fibre.



EXB269-series

EXB-masts have a double-belt system. One belt is used for mast extension, the second belt is to assure proper operation under adverse conditions of wind and slope. This effective, well-proven technique is more reliable under severe conditions, especially sand and dust.

EXB-masts are equipped with an automatic latch mechanism for controlling the order in which tube sections extend. The winch is operated by an electric winch power unit (WPU) with 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.



Winch power unit (WPU)

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Accessories and Ancillaries

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



EXB333-series

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

Mast type:	EXB269-MASTS		EXB333-MASTS	
	Extended height (m)	6	10	10
Transportation length (m)	1.2	1.8	1.7	2.4
Vertical top load (kg)	50	50	120	120
Wind area CxA (m ²)	0.5	0.4	0.6	0.3
Operational wind speed (m/s)	25	25	25	25
Mast weight (kg)	120	140	160	200

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