

EXL-MASTS

TACTICAL TELESCOPIC MASTS FOR LARGE AND HEAVY TOP LOADS – UP TO 50 METERS (164 FT)





PRODUCT PAGE

EXL-MASTS

Telescopic EXL-masts are mechanical winch and belt-operated masts, designed for larger and heavier top loads. EXL-masts are made of carbon and glass fibre composite material.

EXL-masts can be deployed by two or three persons and are elevated with a hand-cranked winch or by an optional electric winch power unit (WPU). The entire mast is rotatable by 360 degrees. EXL-Masts are lightweight, telescopic masts for large and heavy top loads. Automatic mechanical locking mechanism allows guying each lower section separately during winching up. This allows safe handling of higher top loads especially under windy conditions.

Standard designs can be customised according to customer's specifications and requirements and painted in customer specific colours. EXL-masts can be supplemented with a wide selection of mounting kits for vehicles and shelters. Sand plate kits and hard ground kits are also available. In addition, EXL-masts can be equipped with various antenna adapters and antenna positioning accessories.

ACCESSORIES AND ANCILLARIES

- antenna positioners (rotators, filters & rotator-tilters)
- antenna adapters
- vehicle mounting kits
- winch, winch power units (WPU)
- sledgehammer, guy stakes
- ground spike, spike, eye bar, base plate
- guy reels and measuring rope
- accessory bags

Standard EXL mast systems

MAST TYPE	EXL167-MASTS			EXL195-MASTS			
EXTENDED HEIGHT (M/FT)	21/68.9	24/78.7	26/85.3	30/98.4	34/111.5	40/131.2	50/164.0
TRANSPORTATION LENGTH (M/FT)	4.2/13.8	4.3/14.1	4.6/15.1	5.5/18.0	5.6/18.4	6.4/21.0	7.6/24.9
VERTICAL TOP LOAD (KG/LB)	120/265	100/220	100/220	120/265	100/220	80/176	50/110
WIND AREA C _{XA} (M ² /FT ²)	1.2/13	1/11	0.8/9	1.2/13	1/11	0.8/9	0.5/5
OPERATIONAL WIND SPEED (M/S / MPH)	25/56	25/56	25/56	25/56	25/56	25/56	25/56
MAST WEIGHT (KG/LB)	85/187	90/198	105/231	130/287	140/309	160/353	185/408
ACCESSORIES WEIGHT (KG/LB)	81/179	83/183	85/187	93/205	95/209	118/260	131/289

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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