

AN-12 MOBILE MAST

DESCRIPTION:

The AN-12 mobile mast is intended both for long-term and short-term usage, as a carrier of the equipment up to 200 kg, in particular of the antenna superstructures.

The base of the antenna carrier is created by a trailer with mechanism for horizontal levelling with frameless platform. On the platform, there is placed a four-piece composite telescopic tube from carbon fibre, erecting and telescopic mechanisms, driving elements, mast securing, supporting system, cases with entire accessories and electrical energy source.

POSSIBLE USE:

- Carrier of mobile wind power plants, camera systems, lighting sets, special antenna superstructures (mobile operators).

BASIC TACTICAL AND TECHNICAL DATA:

total length in transport position	6 000 mm
total width in transport position	2 000 mm
total height in transport position	2 200 mm
total weight	3 500 kg
max. height of the mast (to heel of the superstructure)	12 m
weight of the superstructure (antennas)	200 kg
area of the superstructure (antennas)	1 m ²
wind speed - functional	25 m.s ⁻¹
wind speed - survival	30 m.s ⁻¹
torsion of the mast on the heel of antenna unit	±0,75°
mast tilt angle on the heel of antenna unit	±1,5°
operating personnel	2 persons
time of deployment	30 min.
climatic resistance for all climatic zones.	
electric motive system, backing-up mechanically by crank	
cableways by multi-cable to the cable drum.	

