

## Vojenský technický ústav, s. p. The Military Technical Institute

## AN-12 UMG MOBILE MAST

## **DESCRIPTION:**

The AN-12-UMG mobile mast is intended for short term or long term use, as a carrier of superstructure, mainly of antennas, with the weight up to 200 kg.

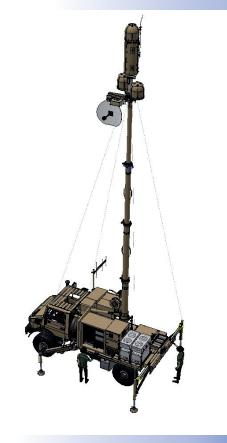
The mast (composite telescopic tube) is fixed on a carrier, equipped by supporting / levelling system, basic equipment, storage cases with accessories, case for technology, mechanical interface and multi-cable with inertia-reel cylinder.

## **BASIC USE:**

 as a carrier of antennas with possibility of special superstructure assembly according to the customer's wishes, up to the allowed weight and dimensions.

BASIC TACTICAL AND TECHNICAL DATA:	
<ul> <li>total length in transport position</li> </ul>	6 304 mm
<ul> <li>total width in transport position</li> </ul>	2 510 mm
<ul> <li>total height in transport position</li> </ul>	2 746 mm
total weight	8 500 kg
<ul> <li>max. height of the mast (to heel of the</li> </ul>	
superstructure)	12,28 m
<ul> <li>weight of the superstructure (antennas)</li> </ul>	200 kg
<ul> <li>area of the superstructure (antennas)</li> </ul>	1,0 m <sup>2</sup>
<ul> <li>wind speed - functional</li> </ul>	30 m.s⁻¹
<ul> <li>wind speed - survival</li> </ul>	35 m.s⁻¹
<ul> <li>torsion of the mast on the heel of</li> </ul>	
antenna unit	±0.75°
mast tilt angle on the heel of the	
environment	±1.5°
operating personnel	2 persons
time of deployment	30 min.
climatic resistance for all climatic zones	

- climatic resistance for all climatic zones.
- electric motive system, backing-up mechanically by crank
- cableways by multi-cable to the cable drum.







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