

## AN-25 MOBILE MAST

### DESCRIPTION:

The AN-25 mobile mast is intended both for short-term and long-term use as a carrier of specific equipment up to 300 kg, in particular of the antenna superstructures. The base of the antenna carrier is created by platform with ISO 1C container anchoring, and equipped with lifting hook for hook loader. On the platform, there are five-sectional composite telescopic tube, made of carbon fibers, erecting and telescopic mechanisms, electric power sources and cases with all equipment. It is possible to place and transport the platform on any transporter with corresponding dimensions and load (vehicle, trailer).

### 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                          | 6 058 mm             |
| • total width in transport position                           | 2 438 mm             |
| • total height in transport position                          | 2 250 mm             |
| • total weight  | 7 500 kg             |
| • max. height of the mast (to the heel of the superstructure) | 25 m                 |
| • weight of the superstructure (antennas)                     | 300 kg               |
| • area of the superstructure (antennas)                       | 2 m <sup>2</sup>     |
| • wind speed - functional                                     | 35 m.s <sup>-1</sup> |
| • wind speed - survival                                       | 40 m.s <sup>-1</sup> |
| • torsion of the mast on the heel of antenna unit             | ±0,75°               |
| • mast tilt angle on the heel of the antenna unit             | ±1,5°                |
| • marginal temperatures of the environment                    | -32 °C to +50 °C     |
| • operating personnel   | 2+3 persons          |
| • time of deployment  | 45 min.              |
| • climatic resistance for all climatic zones                  |                      |
| • electric motive system, backing-up mechanically             |                      |
| • cableways by multi-cable to the cable drum                  |                      |





**PHOTODOCUMENTATION**

