

Portable Field Antenna Masts

Rapid-deployment aluminium mast systems for UAV ground stations, RF/data links, repeaters and deployable communications

- ✓ 6–18 m product range
- ✓ ~5 min deployment
- ✓ 1-person setup
- ✓ Payload up to 8 kg*
- ✓ Custom top interface
- ✓ Natural aluminium standard
- ✓ Optional powder coating / custom finish

APPLICATIONS



Military and field-proven platform
for portable communications
and UAV support systems



1000 of units
manufactured and
battlefield deployed in Ukraine



TRANSPORT KIT



SECURE & RELIABLE



Tool-less clamp locks for fast,
secure height adjustment



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**Depending on mast configuration
and operating conditions*

Built Around Your System

OEM customization and field-kit configuration for serial integration



TYPICAL FIELD KIT

- ✓ Telescopic mast
- ✓ Transport bag
- ✓ Guy lines
- ✓ Ground anchors
- ✓ Top adapter



CUSTOMIZATION OPTIONS

- ✓ Heights: 6 / 8 / 10 / 12 / 15 / 18 m
- ✓ Custom top interface
- ✓ Natural aluminium or custom finish
- ✓ Accessory set adapted to mission
- ✓ Optional remote antenna positioning



HOW WE WORK

- ✓ Prototype / sample units
- ✓ OEM adaptation to your payload
- ✓ Serial production
- ✓ Export supply and RFQ support



Send us your antenna or payload specifications for an RFQ

OPTIONAL ROTATOR SYSTEM



Remote positioning of directional antennas, cameras, sensors and other mast-top payloads, without lowering the mast. For UAV, repeater and surveillance setups.



Suitable for UAV ground stations, repeaters, RF/data links and deployable communications

TOP INTERFACE

Custom adapter for your antenna or payload

SECTION CLAMPS

Tool-less locking for fast, secure deployment

GUY SUPPORT

Integrated points for guy lines and cable routing

STABLE BASE

Spiked feet and reinforced hub for reliable anchoring

TOP ADAPTER



SECTION CLAMP DETAIL



BASE & ANCHOR



FIELD KIT COMPONENTS



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Typical Applications

One mast platform adaptable for multiple field scenarios

UAV & Data Link Communications



Portable mast support for datalinks, repeaters and ground communication nodes.

Emergency & Public Safety



Rapid deployment for temporary communication and coordination infrastructure.

Monitoring, Sensors & Temporary Telecom



Suitable for lightweight monitoring payloads, temporary networks and field sensing.



TYPICAL INTEGRATIONS

- ✓ antennas & directional antenna systems
- ✓ repeaters & radio nodes
- ✓ datalink equipment
- ✓ sensors & lightweight monitoring payloads



STANDARD PLATFORM

- ✓ portable mast platform
- ✓ guy lines & anchors
- ✓ transport-ready field kit



OEM ADAPTATION

- ✓ top interface customization
- ✓ height & field-kit options
- ✓ mounting configuration
- ✓ serial production support



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