



## Telescopic Crank Masts, heavy duty (KVR)

For payloads up to 70 kg

The Family of heavy duty GEROH - Telescopic Crank Masts is specially qualified for mobile use and high payloads. High payloads in connection with heights up to 20 m make this model range unique.

The automatic locking system between the mast sections guarantees failure-free use also under extreme environmental conditions with - 50 °C and wind speeds up to 130 km/h without any limitations.

In addition special guidance systems guarantee exact adjustment - despite high payloads.

The KVR model range is in use for military and civil applications. The range of applications is various: from complex communication systems, monitoring -, position finding - and target acquisition systems.

The masts are qualified for field installation as well as vehicle - / trailer - and shelter installation.

### Essential features:

- Payloads up to 70 kg
- Heights up to 20 m
- Excellently suited for heavy communication systems, monitoring solutions as well as direction finder
- Designed for field installation, vehicle- or shelter installation or at trailer systems
- "Off-the-shelf" solutions as well as special customized mast solutions
- MIL-STD 810 - F
- Scenario optimized and mission tested by German Army and other forces, police units, fire brigades, rescue units etc.

### Examples (other mast types available):

Specifications	2,5 KVR 3	4 KVR 3	14 KVR 5	17 KVR 6
Height extended	2,5 m	4 m	14 m	17 m
Height retracted	1.2 m	1.7 m	3.3 m	3.4 m
Mast sections	3	3	5	6
Weight	30 kg	35 kg	85 kg	116 kg
Max. payload	70 kg	65 kg	40 kg	60 kg
Example	Different Forces Field Installation	UAE Army Radio Relay Station	German Army Control Station UAV	Different Forces Hägglund Radio Relay



Radio Relay Station, UAE, 4 KVR 3



Radio Station, Air Transport, 10 KVR 5



Mobile Control Station UAV LUNA, ISAF, Afghanistan



For more information  
contact:

GEROH GmbH & Co. KG

Fischergasse 25  
D-91344 Waischenfeld

Phone: +49-9202-18-0  
Fax: +49-9202-18-11

info@geroh.com  
www.geroh.com