



MTS Mobile Carrier System

The mobile carrier system consists of a remote-controlled vehicle mounted on two caterpillar tracks (based on the newest MF 4 generation), a trailer with fixings for additional equipment, a transport container with mountings for Relay Station 1, an emergency electricity generator, a self-winding cable drum and a 2.5 metre long extendable steel band telescope. The modular construction of the entire system enables the vehicle to be adapted to each individual situation.

The MTS can be used :

- As a mobile relay station (MTS relais station 1)
- As a system for carrying heavy loads
- As a mobile measuring platform (to carry a gamma camera)
- to carry lighting equipment
- As an accompanying vehicle (camera support)
- As an external electricity supply (230V AC, 16A outdoor, 24V DC, 10A in/outdoor)

Technical Data:

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|-------------------------|--|
| Range | |
| Data transmission | max. 1 Km |
| Video transmission | max. 500 m |
| | |
| Frequenz/Power | |
| Data transmission | 433,600 MHz |
| Power | 0,5 W |
| Video transmission | 2339, 2346, 2374 MHz |
| Power | 1/5 W |
| Omnidirectional Antenna | 2 dB |
| External Power supply | 1x230 VAC / 50 Hz 16 A |
| | 24 VDC 15 A (Kabeltrommel) |
| Internal Power supply | 24 VDC |
| Mobile Base | |
| Weight | 300 kg |
| Capacity | 800 kg |
| Dimensions | 1300x850x420 mm |
| Speed | 0 – 50 m/min |
| Climbing ability | 32° |
| Duration | By Generator: 10 h Batterie: 4 h Cable: no limit |
| Trailer: | |
| Weight | 80 kg |
| Capacity | 300 kg |
| Dimensions | 900x760x300 mm |

