

VM 90 - T3 HARD TOP Ver. 2

"Self-Powered"



**MILITARY VEHICLE VM90-T3
WITH REMOVABLE COVERAGE
WITH EQUIPMENT DEDICATED
TO RADIO AND TLC SYSTEMS**



Description

The purpose of the new set-up made on the popular VM90 military vehicle in the latest T3 version, is to equip a mobile station to be used for radio transmissions and set up as a small data processing center, equipped with a rigid cover instead of a tarpaulin as in the original vehicle.

System Composition

Vehicle customization includes:

- Installation of a rigid cover made of insulated aluminum panels ("sandwich"), equipped with windows and access doors.
- Air conditioning system.
- Lighting system.
- 3 external Z-Panels for electrical, data and RF connections.
- 2 standard 19 "racks for housing equipment and electrical panels.
- Support frame for UPS, power supplies and auxiliary batteries.
- Folding work table.
- Demountable generator set.
- External antenna frame.

Peculiarities

The set-up allowed a noteworthy "upgrade" of the VM90 military vehicle, widely used and particularly inexpensive, allowing it to be used much more than the initial design prerogatives and meeting the operational needs based on the constant use of radio communication and data transmission.

VM90 - T3 Hard Top

System configuration

Physical characteristics

Dimensions: cabin cover 4 m²

Materials used: "Peralluman" aluminum and stainless steel AISI-304

Body weight: about 450 kg



I/O External connectors

Data: Bilding Post, Fiber optic ST, RJ45, Con. Circular MIL

RF: BNC

Power supply: Circular MIL connectors



Supply

Alternating from mains: 230 Vac single phase

Alternating from generator: 230 Vac single phase

Continuous: 24 Vdc from battery (4 x EI110)

