

AMBULANCE

Dimensions and weight

Total length	7.0 m
reducible to	6.705 m
Overall width with fender	3.10 m
Overall width without fender	2.91 m
Maximum height	2.65 m
Ground clearance	0.40 m
Roadway	2.5 m
Internal habitable height	1.87 m
Weight (combat load)	23.0 t

Crew

Driver
 Medical assistant
 2 corpsmen (of which 1 is radio operator)
 4 injured people

Performance

Maximum speed	70 Km/h
Range on road	500 Km
Gradient	60 %
Side slope	30 %
Step	0.85 m
Fording depth (without preparation)	1.5 m
Trench	2.5 m

Mission Equipment

VHF/ECCM SINGGAR III
 type SRT 635/V radios
 HF type RH4 178/V radio
 UIS-379 Larimart Intercom

Options

GPS apparatus
 Auxiliary heater
 Possible adjustments according to the customer needs

Fixed Medical Equipment

4 stretcher suspension systems
 1 water container and washbasin
 1 fixed oxygen delivery system
 3 side mounted jump seats

Portable Medical Equipment

4 stretchers
 1 automatic monitor/defibrillator
 1 oxygen therapy device
 two 7 litre oxygen cylinders at 200 atm
 two 3 litre oxygen therapy cylinders
 at 200 atm
 2 seats for medical assistance
 2 long spine boards
 4 scoop stretchers

COMMAND POST

Dimensions and weight

Total length	7.0 m
reducible to	6.705 m
Maximum width	3.10 m
Maximum height	2.65 m
Ground clearance	>0.40 m
Roadway	2.5 m
Internal habitable height	1.87 m
Weight (combat load)	23.0 t

Performance

Maximum speed on land	70 Km/h
Cruising range	> 500 Km
Longitudinal slope	60 %
Side slope	30 %
Trench crossing	2.5 m
Fording depth	1.5 m
Vertical step	0.85 m
Personnel capacity	n° 8

Armament

Standard Configuration
 AA Machine Gun calibre
 from 5.56 to 12.7 mm

Optional Configuration
 HITROLE Turret 12.7 mm

Main features of HITROLE Turret:
 Overhead machine gun
 with internal remote control
 Electrically power-operated
 Advanced Fire Control System
 with gun stabilization
 Servosystems with electrical motors

Grenade launchers
 n° 8 launchers for GALIX 13
 Activation of Grenade launchers
 manual or automatically by laser warning

Command and Control SIACCON

Power pack and Running Train

Engine made and model IVECO 6V MTCA
 Displacement 12880 cm3
 Rated horsepower 520 Hp
 Automatic transmission ZF LSG 1500
 Number of gear n° 4 forward, n° 2 reverse
 Suspension type Torsion bars
 and shock absorbers
 Road wheels n° 6 per side
 Track type Steel double pin,
 detachable rubber pad

Electrical System

Tension 24 V
 Batteries n° 8, gel type (AGM), 12 V-125 Ah-420 A

Communications

Radio System n° 2 VHF/ECCM SINGGAR III SRT 635/V
 n° 1 HF RH4 178/V
 Intercom System UIS-379 SELEX LARIMART

MORTAR CARRIER

Dimensions

Length	7.00 m
Overall Width	3.10 m
Height (with mortar)	3.34 m
Ground clearance	0.40 m
Wheelbase	2.50 m

Crew

Driver
 Vehicle Commander/Gunner
 Section Commander/Radio Operator
 N° 2 Crew Members

Weight

Mortar Carrier Version 23.0 t

Survivability

Environmental temperature
 from -19 °C to +44 °C
 (also from -32 °C to +44 °C in the conditions
 described in the Manual of use and
 maintenance).

Performance

Max speed	70 km/h
Range on road	500 km
Gradient	60%
Side slope	30%
Step	0.85 m
Fording depth	
without preparation	1.50 m
Trench	2.50 m

Mission Equipment

Radios N° 2 stations VHF/ECCM SINGGAR
 III type SRT 635/V
 N° 1 radio station HF
 type RH4 178/V

Intercom UIS-379 Larimart

GPS (GFE) apparatus

Main weapon

Type TDA
 Model 2R2M
 Caliber 120mm
 Loading System manual/semiautomatic
 Ammunition type HE, SMOKE, ILLUM,
 RAP, DPICM
 Quantity of ammunition
 in vehicle magazines N° 40 grenades
 Quantity of ammunition
 ready to fire N° 5 grenades
 Maximum vehicle tilt angle
 using the Mortar +10°
 Max recoil force 40000 daN
 Max recoil stroke 290 mm
 Rate of fire up to 10 rds/min
 Firing area from 1,1 km to 13,0 km

Secondary weapon

Machine gun N° 2 machine guns
 caliber 7.62 mm
 Smoke grenade N° 8 launchers