



FUCHSEVOLUTION

AMBULANCE/MEDEVAC

The FUCHS Evolution is the next chapter of Rheinmetall's combat proven and reliable 6x6 FUCHS. Serving in more than sixty variants for more than nine nations, it has gained a high reputation during global peacekeeping missions such as KFOR, MINUSMA and ISAF. Featuring an improved drivetrain, a modern digital electrical vehicle architecture and significantly improved situational awareness and payload. With an increased roof height of 1.60m, casualty care and handling of lying patients becomes easier than ever before.

Opening the rear doors, the interior layout presents itself much like a common ambulance vehicle. A stretcher rig and seating arrangement provide space for two heavy and two lightly wounded casualties along with one paramedic. Along with various medical equipment, they are transported in the Ambulance role in accordance with all military and federal medical standards. In a MASCAL case, the seats are flipped downwards to provide space for one additional lying patient, switching to the MedEvac role. This way, transports to Role 1 and 2 medical treatment facilities are undertaken with higher efficiency.

Logistically closely interwoven with BOXER and PUMA programs, the FUCHS Evolution maintains fleet operability until 2040 and beyond.

BASE VEHICLE CHARACTERISTICS

- State of the art drivetrain with ABS and CTIS
- Digital on-board bus system and NATO Generic Vehicle Architecture (NGVA)
- NBC and blast protected armoured hull
- Built-In Test Equipment (BITE) with interactive maintenance procedures and external vehicle diagnosis
- Expanded interior space providing more driving and operation comfort

AMBULANCE MISSION KIT

- Two-person stretcher rig for lying patients
- Two-person seat arrangement, can be converted to one-person stretcher rig
- Paramedic station close to patients
- Military medical equipment in a civil ambulance layout
- 360° vision system with day/night capability

TECHNICAL DATA

Dimensions

Length	7,300 mm
Width	3,000 mm
Height	2,950 mm
Interior volume	12.0 m ³
Interior height	1,600 mm
Base vehicle weight	19,000 kg
Gross vehicle weight	24,500 kg

Power pack

Engine	6V 199 TE20
Engine power	335 kw
Engine torque	2,200 Nm

Protection

Blast & IED protection	
NBC filtration	>12 h

Performance

Speed on road	max. 100 km/h
Gradient	60%
Side slope	30%
Fording depth	1,500 mm
Climbing ability	700 mm
Trench crossing	1,200 mm
Turning circle (c ² c)	≤ 17.5 m
Cruising range	>800 km
Occupants	up to 10

Optional add-ons

Laser, acoustic, NC, CO, CO ² warning
MirrorCam, 360° vision system, IR systems
RCWS, crew's nest, smoke grenade launcher
CTIS, Runflats, brake controlled trailer

