

Infantry Fighting Vehicle Samson

The mission changes – so does BOXER



The Infantry Fighting Vehicle (IFV) variant of BOXER with the Remote Weapon Station Samson MK II Samson represents a modern wheeled Infantry Fighting Vehicle. Combining BOXER's inherent high level of protection, the unique mobility and the latest weapon technology BOXER IFV Samson represents the necessary capacities to face current and future requirements.

The protection of the turret is adaptable for a wide range of missions and to face different threats, as is BOXER.

BOXER IFV Samson enables forces to effectively close the fire loop with varying degrees of firepower, from 7.62 mm on the coaxial machine gun, through 25 mm to 40 mm main gun (western and eastern versions, including air burst capabilities) and up to Anti-Tank Guided Missiles (ATGM).

The turret provides a hunter-killer capability during day and night. Sufficient firepower is provided by a flexible weapons suite with the M242 25 mm gun, the MK44 30 mm gun or the 2A42 30 mm gun.

BOXER IFV Samson can transport up to 8 soldiers, besides the driver, commander and gunner.

In addition to its underlying performance, BOXER IFV Samson provides its crew with extraordinary survivability and protection against mines (AT, AT), IEDs, corresponding ballistic threats (incl. artillery fragments), NBC threats and detection (radar, noise, solar loading) in addition to its superior firepower.



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Product data

Key figures

Maximum speed	> 100 km/h
Engine capacity (ISO)	up to 600 kW
Engine type	MTU V8 199TE20/21
Range	> 1,000 km
Electrical system	24 V DC, up to 540 A
Max. gross vehicle weight	up to 38.5 t
Max. straight gradient	60%
Max. slope gradient	30%
Trench crossing	2.0 m
Step climbing ability	0.8 m
Turning radius	7.5 m (skid steering)
Length	7.93 m
Width	2.99 m
Height (turret roof)	3.47 m
Ground clearance	0.50 m
Protected volume	14 m ³

Characteristics

Crew	3 + 8 (driver, commander, gunner, up to 8 dismounts)
Main armament	MK44 30 mm gun (can be upgraded to 40 mm) (under- armour manual ammunition reloading system, Air Burst Munition (ABM) capable)
Elevation	-20° up to +70°
Azimuth	n x 360°
Rate of fire	up to 200 rounds/minute also with ABM
Ammunition	30 mm x 173 mm (upgrade to 40 mm possible)
Secondary armament	7.62 mm machine gun
Air conditioning and NBC-protection systems	
Fire extinguishing (engine) and suppression system (Mission Module)	

Exemplary Options

Anti-Tank Guided Missile Launcher
40 mm Automatic Grenade Launcher
40 mm Smoke Grenade Launcher
Modular protection kits (ballistic, bomblets, IEDs, mine)
Active Protection System
360° Situational Awareness System (incl. support functions e.g. Automatic Target Recognition and Target Tracking)
Identification Friend or Foe
ECM/Jammer
Laser Warning System

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