

CV9035 MkIII

Armoured Infantry Fighting Vehicle





Specifications

General		Turret		Engine	
Weight, combat loaded	32 000 – 35 000 kg	Main armament	35/50 mm	Type	diesel, 4 cycle stroke
Personnel	10 men	Bushmaster III, 35/50 cannon,	dual feed	Power	600 kW/2350 rpm
Length	6.8 m	Rate of fire	150-200 rds/min	Transmission	
Width	3.2 m	Calibre and ammunition	35 mm x 228 mm	Gear ranges	4 forward, 2 reverse,
Height	2.8 m		fires all NATO qualified	electronically controlled, fully automatic	
Ground clearance	0.4 m		35 mm ammunition	Running gear	
Performance			2 x 35 rds	Suspension type	torsion bars with
Speed		ready rounds	typical 140 rds	rotary dampers	
forward	70 km/h	stowed rounds	n x 360deg	Track width	0.5 m
reverse	40 km/h	Traverse range	-8 to +37 deg	Ground contact	4.1 m
Slope	60%	Elevation range	7.62 mm	Track tensioning system	semi-active hydraulic
Side slope	40%	Secondary armament	-10 to +50 deg	Electrical system	
Trench crossing	2.6 m	elevation	dischargers	Voltage (DC)	24 V
Vertical wall climbing	1.0 m	Close defence		Batteries	500 Ah
Fording	1.5 m	Fire control system		Multiplex system	CAN bus
Typical cruising range	600 km	Turret drivers	electrical, direct	High Speed Data Bus	Ethernet
Survivability		Fire Control Computer	digital processor	Vehicle control and information system	
Hull and turret structure	armour steel	Stabilisation system	dual axis stabilised	Built in test	
Add-on-Armour	yes		top mirror, slaved gun	On-line manuals	
Defensive Aid Suite	yes		independent line of sight	Embedded training	
NBC protection	yes	Gunner's sight	full FCS	Video network	
Air-condition system	yes	day channel	X8, X1 periscopic	Defensive aid suite integration	
Fire extinguishing system	yes	thermal night channel	yes	Battlefield management system integration	
Communications		laser range finder	yes	Fleet management integration	
Radio	yes	Commander's sight	full FCS		
Intercommunication	yes	hunter killer capability	yes		
		day channel	X6, X1		
		thermal night channel	yes		
		laser range finder	yes		
		Barrel camera	yes		



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