

CV90 ARV

Armoured Recovery Vehicle





Principal Characteristics

General		Communications		Running Gear	
Weight, combat loaded	up to 35000 kg	Radio	yes	Suspension	torsion bars with rotary dampers
Personnel (crew)	5 men	Intercommunication	yes	Track width	0.5 m
Length (incl dozerblade)	7,9 m	Armament		Ground contact	4.1 m
Width	3.2 m	MG	7.62 mm 4000 rounds	Track tensioning system	semi-active hydraulic
Height	2.7 m	Close defence	smoke discharger	Electrical System	
Ground clearance	0.4 m	Winches		Voltage (DC)	24 V
Performance		Two capstan winches		Batteries	500 Ah
Speed forward	70 km/h	Max load		Multiplex system	CAN bus
reverse	40 km/h	single line pull	82 kN/winch	High Speed Data Bus	Ethernet
Slope	60 %	four line pull	300 kN/winch	Vehicle Control and Information System	
Side slope	40 %	Crane		Built in test	
Trench crossing	2.6 m	Max load	9 tonn	On-line manuals	
Vertical wall climbing	1.0 m	Radial range	4.5 m	Embedded training	
Fording	1.5 m	Engine		Video network	
Typical crusing range	600 km	Type	diesel, 4 cycle stroke	Fleet management integration	
Survivability		Power	up to 600 kW/2350 rpm	Battlefield management integration	
Hull and turret structure	armour steel	Transmission		Defensive aid suite integration	
Add-on Armour	yes	Gear ranges	4 forward, 2 reverse fully automatic		
Defensive Aid Suite	yes				
Air-condition system	yes				
NBC protection	yes				
Fire extinguishing system	yes				

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