

CV90120-T

Tank



HÄGGLUNDS

BAE SYSTEMS



Principal Characteristics

General		Turret		Engine	
Weight, combat loaded	up to 35000 kg	Main armament	CTG 120/L50	Type	diesel, 4 cycle stroke
Personnel (crew)	4 men	Rate of fire	12 - 14 rds/min	Power	600 kW/2350 rpm
Length (gun forward)	8.9 m	Calibre and ammunition	120 mm	Transmission	
(chassis)	6.6 m	Am. Type	all modern NATO amunition	Gear ranges	4 forward, 2 reverse fully automatic
Width	3.2 m	ready rounds	12	Running Gear	
Height (panoramic sight)	2.8 m	stowed rounds	33	Suspension	torsion bars with rotary dampers
(roof top)	2.4 m	Traverse range	n x 360 deg	Track width	0.5 m
Ground clearance	0.4 m	Elevation range	-8 to +22 deg	Ground contact	4.1 m
Performance		Secondary armament	7.62-12.7 mm	Track tensioning system	semi-active hydraulic
Speed forward	70 km/h	Close defense	smoke dischargers	Electrical System	
reverse	40 km/h	Fire Control System		Voltage (DC)	24 V
Slope	60 %	Turret drivers	electrical direct drive	Batteries	500 Ah
Side slope	40 %	Fire Control Computer	digital processor	Multiplex system	CAN bus
Trench crossing	2.6 m	Stabilisation system	dual axis stabilised top mirror, slaved gun	High Speed Data Bus	Ethernet
Vertical wall climbing	1.0 m	Vehicle Control and Information System		Vehicle Control and Information System	
Fording	1.5 m	Gunner's sight	full FCS	Built in test	
Typical crusing range	600 km	day channel	X10.5, X3	On-line manuals	
Survivability		thermal night channel	1.5, 3, 9 deg	Embedded training	
Hull and turret structure	armour steel	laser range finder	1.57µm	Video network	
Add-on Armour	yes	Commander's sight	full FCS	Fleet management integration	
Defensive Aid Suite	yes	day channel	X24, X6, X1.5	Battlefield management integration	
Air-condition system	yes	night channel	remote display	Defensive aid suite integration	
NBC protection	yes	thermal night channel	yes		
Fire extinguishing system	yes	Panoramic sight	full FCS		
Communiactions		day channel	2, 8, 20 deg		
Radio	2 sets	night channel	3.5, 10 deg		
Intercommunication	yes	laser range finder	yes		

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