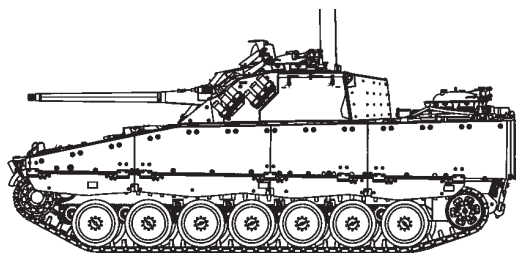


CV9030 IFV

Infantry Fighting Vehicle





CV9030 - SPECIFICATIONS

GENERAL and DIMENSIONS

Weight, combat loaded.....
24000 - 27700 kg
Ground pressure, combat load
55 - 60 kPa
Personnel..... 11 men
Length..... 6550 mm
Width..... 3190 mm
Height..... 2750 mm
Ground clearance..... 450 mm

PERFORMANCE

Speed forward..... > 70 km/h
reverse..... > 43 km/h
Acceleration 0-30 km/h.... Typical 8 s
Slope..... 60 %
Side slope..... 40 %
Trench crossing..... 2400 mm
Vertical wall climbing..... 1000 mm
Fording..... 1500 mm
Typical cruising range..... 600 km

ARMOUR & PROTECTION

Hull and turret structure.....
Armour steel
Add-on-Armour options.....Yes
Vehicle night vision adaptation.....
NVD/NVG
Laser protection options..... Yes
NBC protection..... Overpressure,
hybrid system
Fire extinguishing system..... Yes

TURRET

Main armament..... Automatic
cannon, dual feed
Rate of fire..... 200-400 rds/min
Calibre and ammunition.....
30 mm x 173 mm
Am. types...APFSDS-T,MPLD-T, TP-T
ready rounds..... 2 x 80 rds
stowed rounds... Typical 240 rds
Secondary armament.... 12.7 mm MG
option ex. MG3, MG51, PKT
Close defense.. smoke dischargers
Traverse range..... n x 360 deg
Elevation range..... -10 to +45 deg

FIRE CONTROL SYSTEM

Turret drivers.... Electrical direct drive
Fire Control Computer
Digital processor
Stabilisation system.....
Dual axis stabilised
top mirror, slaved gun.
Intependent line of sight
Sight equipment, gunner..... full FCS
day channel..... X8,X1 periscopic
night channel..... Yes
Commander..... Full FCS
day channel..... X6, X1
night channel.... Remote display
night channel option..... I²
Laser Range Finder..... 1.54µm

ENGINE

Type..... Diesel, 4 cycle stroke
Power..... 460 kW/2300 rpm

TRANSMISSION, AUTOMATIC

Type and model..... X300-5
Gear ranges.... 4 forward, 2 reverse

RUNNING GEAR

Suspension type..... Torsion bars
with rotary dampers
Track width..... 533 mm
Ground contact..... 3980 mm
Track tensioning system.....
Semi-active hydraulic,
driver operated

ELECTRICAL SYSTEM

Voltage (DC)..... 24 V
Type of system... 2 pole, box to box
Batteries..... Lead-acid, 500 Ah
Multiplex system..... CAN bus

COMMUNICATIONS

Radio options..... 2 sets,
various types
Intercommunication..... Yes,
various types

HÄGGLUNDS VEHICLE AB

SE-891 82 ÖRNSKÖLDSVIK • Sweden
TEL +46 (0)660 800 00 • FAX +46 (0)660 151 90
E-mail hagglunds@haggve.se • Web www.haggve.se



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