

INFANTRY CARRIER
VEHICLE



STRYKER

VANGUARD FOR ARMY TRANSFORMATION



A General Motors General Dynamics Land Systems Joint Venture

STRYKER

INFANTRY CARRIER VEHICLE



ICV

MISSION ROLE REQUIREMENTS

- Exceptional tactical mobility for full spectrum operations
- Air transportable in combat ready configuration
- High baseline vehicle commonality with other variants
- 14.5 mm integral armor protection (optional RPG-7 armor protection)
- Battlefield survivability to carry out combat missions
- Supportability and affordability

SIZE/WEIGHT (INCLUDING BASE ARMOR)

Length	275 inches
Width	107 inches
Height	104 inches
Combat Weight GVW	38,000 lbs.

PERFORMANCE @ GVW

Maximum speed	60 mph
Maximum range (40mph)	330 miles
Slope performance:	Frontal: 60%
	Side: 30%
Vertical climb	23 inches
Gap	78 inches

POWER TRAIN & SUSPENSION

Engine	350 hp
Transmission	6 speeds forward 1 Reverse
Transfer case	2 speed
Differentials	4 automotive
Suspension	8 wheel hydropneumatic independent with Height Management System
Driven wheels	4wd full time 8wd selectable
Tires	Central Tire Inflation System with runflats
Brakes	Power brakes with ABS on rear three axles

AIR TRANSPORTABILITY

C-130
C-5A
C-17

FIRE SUPPRESSION

1 shot FM200 for troop compartment
2 shot FE25 for engine compartment
Automatically activated

PERSONNEL

11 total
1 driver
1 vehicle commander
9 troops

ARMAMENT

Remote weapon station (RWS) with a universal soft mount cradle capable of mounting:

- MK19 40mm grenade launcher
- M2 .50 cal machine gun
- MK240 7.62mm machine gun (with adapter)

Ancillary

- (4) M6 Smoke grenade launchers

Stowed Ammunition

- (32) 66mm smoke grenades
- (3200) 7.62mm rounds
- (2000) .50 cal rounds OR
- (430) MK19 rounds
- For Troops:
(2240) 5.56mm ball
(1120) 5.56mm linked

CLIMATE CONTROL SYSTEM

- (2) roof vent fans
(1) crew/engine heater
(1) driver heat exchanger
• (1) driver heat exchanger
• (2) crew heat exchangers
(1) blowers (A/C ready)

VISION

Driver (3) M-17 periscopes
(1) Driver's Vision Enhancer

Vehicle Commander
(7) M45 periscopes

RWS mounted vision devices
Thermal imager
Video camera

EQUIPMENT

Hydraulic self recovery winch
NBC detectors and ventilated face mask system

LAND NAVIGATION EQUIPMENT

GPS PLGR

COMMUNICATION (C4ISR)

SINGARS radios
EPLRS
Squad leaders video display terminal
FBCB2 Computer (Commander)

