



# STRYKER

FAST MOBILE LETHAL DEPLOYABLE SURVIVABLE

**GENERAL DYNAMICS**  
Land Systems



# STRYKER

**I** *"I feel very confident with the STRYKER. It brings more lethality, mobility, speed and protection to the soldier."*  
Staff Sergeant Ward, 5th Battalion, 20th Infantry, US Army

**T**he new century has brought with it a new type of warfare. Where, when and how your army is next needed is less predictable than ever. The only defense against such uncertainty is constant readiness. The speed of your response may mean all the difference. And no other vehicle on the planet is better at getting your light armored forces into position more efficiently or effectively than the STRYKER.

The product of one of the defense industry's leading contractors, General Dynamics Land Systems, the STRYKER is the ideal combination of mobility and power. It provides armies with the ability to win battles quickly and decisively.

The performance of the STRYKER family of vehicles will be appreciated most by the soldiers who take it into battle. They'll travel greater distances at higher speeds, allowing them more time to prepare for the enemy. They'll have excellent ballistic and mine protection, increasing their safety and preventing loss of life. And with models like the STRYKER MGS (Mobile Gun System) they'll engage enemy forces from farther away, increasing the scope of their capabilities. In short, no other vehicle has as great an impact on the overall performance of light armored forces as STRYKER.

# TECHNOLOGY FOR THE SOLDIER

## Full Spectrum Capability

Common platform offers the diversity needed to complete missions across the full spectrum of operations, from humanitarian assistance to a major theater of war.

## Increased Tactical Mobility

Transports infantry quickly into position, with a top speed of 62.5 mph (governed) and a 330-mile operating range.

## Higher Levels of Mission Success

Can operate across all types of terrain, with Central Tire Inflation System, run-flat tires and optional amphibious propulsion kits.

## Increased Strategic Mobility

Rapid response to anywhere in the world, with airlift compatibility with the entire range of US Air Force transport aircraft.

## Increased Battlefield Protection

14.5mm armor protection defeats close-range artillery fragmentation, small arms, heavy sniper/anti-materiel rifle and heavy machine gun threats.

## Commonality

A high degree of fleet commonality across all configurations means several variants are able to convert to other configurations for force leveling, as well as less training required for operators and mechanics alike.

## Extended Sustainability

Troops can be deployed for up to 7 days, 4 days more than previously attainable.

## Roll-on/Roll-off C-130 Capability

Quickly deployable fighting forces deliver a more rapid response anywhere in the world.

*"We've been across terrain that would've destroyed other vehicles. And at the speeds we went – the STRYKER's awesome."*

Staff Sergeant Ward, 5th Battalion, 20th Infantry, US Army



*"In the STRYKER, we can get within 800-500 meters of a target, jump out the back and be at 90% strength."*

Staff Sergeant Duff, 5th Battalion, 20th Infantry, US Army

# TECHNOLOGY FOR THE SOLDIER

**GDATP**  
MK 19 MOD3 40mm grenade launcher or  
M2 HB .50 caliber machine gun  
Delivers fire support for dismounted assaults

**Kongsberg Remote Weapon Station (RWS)**  
Operator can provide fire support without  
being exposed to enemy fire

**Delphi Air Conditioning (CV only)**  
Provides climate control for extended crew  
endurance in humid conditions

**Allison Transmission**  
MD 3066 transmission

**Raytheon Driver's Vision Enhancement**  
Increased visibility allows faster  
response to enemy threats

**Armor Protection System**  
Spall liner  
High Hardness steel  
Ceramic Bolt-on Armor  
Safer operations and higher  
levels of mission success

**TRW Command, Control, Communications and  
Computers, Intelligence, Surveillance and  
Reconnaissance (C4ISR) System Architecture**  
Delivers the intelligence, surveillance and  
reconnaissance needed for success on  
the battlefield

**SB Dual Spectrum Fire  
Suppression Systems**  
Lessens the risk of internal  
fire damage

**Michelin Tires**  
1200R20 XML

**Hutchinson Run-Flat Liners**  
Maintain mobility to complete missions,  
even under fire

**GDLS 105mm Low Profile Turret**  
Provides direct fire support to infantry assault



BRIGADE COMBAT TEAM (BCT)

# VARIANTS

INFANTRY CARRIER VEHICLE

## ICV



Provides protected transport for 9-man infantry squad and direct fire support during dismounted assault.

Carries 9-man infantry squad and crew of 2.

Kongsberg remote weapon station with M2 .50 cal. MG or MK19 40mm grenade launcher.

Javelin missiles.



## COMMON PLATFORM FEATURES

### MOBILITY

- 350 hp Caterpillar 3126 diesel engine
- 8 wheel hydropneumatic independent suspension
- 8 wheel, run-flat/central tire inflation system
- 62.5 mph top speed (governed)
- 78 inch trench crossing
- 23 inch vertical climb, 60% grade
- 330 mile cruising range
- 53 gallon fuel capacity

### SURVIVABILITY

- Spall liner
- Ballistic steel structure
- MEXAS ceramic layer
- RPG7 add-on armor

MOBILE GUN SYSTEM

## MGS



Provides rapid, lethal direct fire to support assaulting infantry and destroy enemy vehicles, equipment and hardened positions, ensuring mission success.

Low profile two-man turret.

M68A1E1 105mm cannon with 18 round autoloader system.

Secondary Armament, 7.62mm coax and .50 caliber machine gun.

Full solution fire control, 2-axis stabilization.



ANTI-TANK GUIDED MISSILE

## ATGM



Fires anti-tank missiles from an Elevated Launch System to destroy high value threat targets at extended ranges, defeating enemy armor before receiving effective return fire.



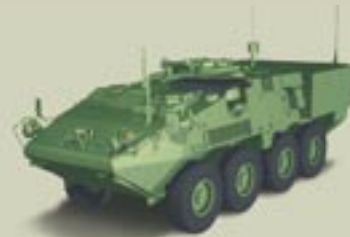
MORTAR CARRIER

## MC



Accommodates 120mm mortar system to fire full family of mortar ammunition (HE, illumination, IR illumination, smoke, precision guided and Dual Purpose Improved Conventional Munitions [DPICM]).

Adds accurate, lethal, high angle fire to support operations in combat.



COMMANDER'S VEHICLE

## CV



Enhances interoperability with joint forces.

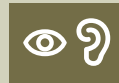
Acts as command platform within BCT, integrating C4ISR equipment for unit commanders.

Capable of planning missions en route using aircraft power and antenna systems.



RECONNAISSANCE VEHICLE

## RV



Provides platform to Reconnaissance Surveillance Target Acquisition Squadrons and battalion scouts to perform reconnaissance and surveillance operations.

Collects sensor and human intelligence.



ENGINEER SQUAD VEHICLE

## ESV



Equips Engineer Squad with highly mobile, protected transport to decisive battlefield locations, providing mobility and limited counter mobility support to BCT.

Onboard obstacle neutralization and lane marking systems and mine detection devices.



MEDICAL EVACUATION VEHICLE

## MEV



Offers capability for ambulance team to transport 4 patients on standard NATO litters or 6 ambulatory patients.

Delivers protection for patient and medical team, with sufficient lighting and space for medical equipment.



*"The STRYKER can come off a C-130, take 11 people and all their gear and be ready in 12 minutes. That's fast."*

Staff Sergeant Duff, 5th Battalion, 20th Infantry, US Army

NBC RECONNAISSANCE VEHICLE

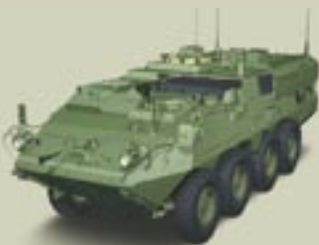
## NBC RV



Provides NBC situational awareness to protect the BCT.

Onboard integrated NBC sensor suite and integrated meteorological system.

Positive overpressure system minimizes cross-contamination of samples and detection instruments, provides crew protection and allows extended operations at MOPP 4.



FIRE SUPPORT VEHICLE

## FSV



Provides enhanced surveillance, target acquisition, identification, designation and communications.

Supports BCT with "first round" fire-for-effect capability.

Integrates current M707 Striker Mission Equipment Package.

Equips Fire Support Teams with the capability to automate command and control functions.

Performs fire support planning and execution.



# STRYKER

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*"We're ready to go almost as soon as we get on the ground."*

PFC Travino, 5th Battalion, 20th Infantry, US Army

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[www.gdls.com](http://www.gdls.com)