



Infantry Fighting Vehicle

# Bradley A3

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**BAE SYSTEMS**

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The Bradley A3 is the finest combat vehicle system in the world. Its firepower, mobility and survivability keeps our soldiers safe and able to dominate the enemy no matter the terrain, temperature or threat.

The A3 features the latest digitized electronics for optimum situational awareness, network connectivity and communication within the Armored Brigade Combat Team. The A3's proven durability and commonality of design reduce the logistics burden, while enhancing battlefield performance to meet a variety of mission requirements in close-combat, urban scenarios and open-combat situations.

**Survivability** – Enhanced armor protection includes Bradley Urban Survivability Kit (BUSK) upgrades, roof fragmentation protection and mounts for armor tiles for additional protection against

shaped charge munitions. Digital architecture and programmable displays readily accept new technologies.

**Mobility** – Increased driver field of vision aids maneuverability under close-in, urban combat. Situational awareness and maneuverability are further enhanced by the integrated Inertial Navigation System.

**Lethality** – Improved sights, full ballistic fire control, aided dual-target tracking, automatic gun target adjustment, automatic bore sighting and hunter killer capability all enhance lethality. The Bushmaster 25mm cannon fires both explosive and armor

piercing rounds, while TOW missiles defeat enemy armor. The 7.62mm coaxial machine gun provides high volume fires at close ranges.

**Networkability** – Improved network connectivity and Beyond Line-of-Sight capability through the addition of digital satellite communications hardware and software.



### Specifications

Combat weight	75,500 lbs/34,250 kg (SSS Rev D)
Personnel capacity	up to 10
Engine	600 hp
Fuel tank	155 gallons/587 liters
Speed	38 mph/61 km/h
Cruising range	250 miles/402 km
Turning radius – pivot to infinite slope	60%
Side slope	40%
Trench crossing	84 inches/2.5 m
Vertical wall crossing	30 inches/0.9 m
Overall length	258 inches/6.5 m
Width	129 inches/3.2 m
Height	130 inches/3.3 m
Ground clearance	15 inches/ 0.3 m

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