

Infantry Fighting Vehicle

Bradley A2 ODS

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The Bradley A2 ODS incorporates improvements identified after Operation Desert Storm, including an eye-safe laser rangefinder, global positioning and navigation systems and an enhanced driver's vision device.

An optional Appliqué configuration provides situational awareness via the Force XXI Battle Command Brigade and Below (FBCB2) Appliqué computer system.

The Bradley A2 ODS is equipped with the Bushmaster 25mm cannon and TOW missile system, which delivers increased lethality and accuracy, especially under the toughest battlefield conditions.

Not only is this Bradley version in the U.S. fleet, it is well positioned for foreign military sales which provides great capability and an option for co-production.

Survivability – Armor provides significant protection and provisions for add-on armor tiles allow additional protection against shaped-charge munitions. Spall liners further add to crew survivability.

Mobility – The addition of an enhanced driver's vision device improves maneuverability under all battlefield conditions. Maneuverability is further improved by the addition of a Global Positioning System (GPS) and a digital compass.

Lethality – Improved eye-safe laser rangefinder increases the 25mm cannon's ballistic accuracy. 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 – The addition of the FBCB2 Appliqué computer system allows the Bradley A2 ODS to communicate over the Army's digital network.



Specifications

Combat weight	78,000 lbs/32,110 kg
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	100 inches/2.5 m
Vertical wall crossing	36 inches/0.9 m
Overall length	258 inches/6.5 m
Width	129 inches/3.2 m
Height	119 inches/3.0 m
Ground clearance	18 inches/ 0.4 m

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