

BUSHMASTER

ASSURED MOBILITY VEHICLE



Oshkosh Truck has teamed with Australia's premier defense provider, Thales, Australia, to offer the Bushmaster to U.S. forces. After 7 years and 150,000 miles of reliability development testing, the Bushmaster has proven to be a long-term supportable fleet solution. It has an enviable record of combat-proven service in Iraq with the Australian Army, transporting troops and equipment to the battlefield.

- Combat ready, combat proven
- Built to move troops and equipment long distances
- Off-road capabilities and suspension
- Modular design allows for multiple uses with the same support requirements
- Provides solutions for multiple Protected Vehicle systems – Mine Resistant Ambush Protected vehicle (MRAP) and the Medium Mine Protected Vehicle (MMPV)

The integrated V-shaped armored hull deflects blasts under the vehicle, and protection is also provided for side blasts from improvised and roadside explosive devices.

Bushmaster's fuel and hydraulic tanks are positioned outside the crew compartment, ensuring protection against possible fires from blasts or ballistic attack. A central tire inflation system allows tire pressure to match varying terrain and features a run-flat option.

- Transportable by C-130 aircraft or helicopter
- Capable of traversing a 60 percent gradient and a 36 percent side slope with maximum cross-country load
- Travels at 65 mph on paved surfaces and has an on-road cruising range of 500 miles

The Bushmaster has the ability to be fielded quickly and provides a chassis and component commonality that can solve current U.S. mobility and protection issues for various programs. It is field proven, durability tested and combat ready and is offered by Oshkosh with reliable logistics support capabilities.



GET THERE FIRST WITH THE BUSHMASTER



engineer support ensure total life serviceability. Available in both a 4 x 4 and 6 x 6 variant, the Bushmaster can handle the toughest conditions and the heaviest towing challenges.

The ballistic-protected monocoque hull includes ballistic glass on all windows, providing situational awareness for troops within. The integrated V-shaped armored hull deflects blasts under the vehicle, while advanced wrap-around seating and comfortable personnel harnesses provide protection from spinal and other injuries. The Bushmaster's design also helps deflect side blasts from improvised and roadside explosive devices. Bushmaster's fuel and hydraulic tanks are positioned outside the crew compartment, ensuring protection from secondary explosions or fires. Optional run-flat inserts provide mobility in the event of tire damage due to mine blasts. A dash-mounted central tire inflation system allows tire pressure to match varying terrain.

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Protecting troops while transporting them on the battlefield is critical for any commander. Bushmaster's combination of armored protection abilities, off-road capabilities and adaptability are unmatched. Using a proven independent suspension system, the Bushmaster transports troops across hostile environments with impressive range and speed. Plus, utilizing a Current Off The Shelf (COTS) powertrain, the Bushmaster is easily supported by supply and logistics capabilities already in place throughout the world.

An assured mobility vehicle with the adaptability to command and control various missions, the Bushmaster is deployable in urban combat, reconnaissance and convoy security situations. Proven and comprehensive product and

The Bushmaster shares parts commonality with other vehicles in theater, which facilitates rapid repair and support. Total life serviceability is ensured through Oshkosh Truck's proven approach to logistics support, reliable maintenance and repair work of vehicles worldwide. Bushmaster's superior design, including the ability to remove and refit the engine/transmission power pack in less than three hours, and Oshkosh Truck's sustainable logistics achieve a long and effective life cycle with minimal maintenance downtime.

Providing a high level of troop comfort and all-terrain agility, the Bushmaster Assured Mobility Vehicle uses unsurpassed off-road capabilities to rapidly transport battle-ready troops and equipment over any terrain and under any condition. Get there first with Oshkosh Truck.





BUSHMASTER

BUSHMASTER 4 x 4 ASSURED MOBILITY VEHICLE

Crew: 10 people

- Option for 12 people, including driver

Axle Configuration: 4 x 4 fulltime

Weight (GVW): 33,950 lbs

Curb Weight: 26,300 lbs

Dimensions:

Overall Length: 282.8 in

Width: 97.6 in

Overall Height: 105.1 in

Track: 82.7 in

Wheelbase: 153.6 in

Front Overhang: 53.3 in

Rear Overhang: 76.8 in

Total Internal Volume (useable): 395.5 cu ft

Total External Volume Storage (useable): 89.7 cu ft

Turning Circle Curb to Curb: 58.1 ft

Ground Clearance: Under hull 17 in

Speed: 65 mph plus

Maximum Road Range (at gross vehicle weight): up to 500 miles

Fording: no preparation 47 in

Approach Angle: 40°

Departure Angle: 38°

Gradient: Up to 60%

Side Slope: Static 36%

Vertical Obstacle: 18 in

Engine: CAT C-7, 6 cylinder 330 HP

Transmission: Allison 3500 SP

Transfer Case: Arvin Meritor

Differential Locks: Air operated front, center and rear

Suspension and Axles: Front: Arvin, Meritor

Rear: hydraulic shock with coil spring

Steering: Shepard M110PEL1 power assisted

Brakes: ABS

Tires: Low MMP Michelin 395/85 R20 with bead locks

- Run flat inserts included

Fuel Capacity: 82 gal + 5 gal (internal protected)

Electrical System: 24V DC, alternator 300 amp 24V (fully redundant), battery 2 bank dual configuration

Environmental: 18.8 hp cooling split front and rear systems and 8.1 hp heating

Protection:

Ballistic — exceeds STANAG 4569 level 1 - standard up to STANAG 4569 level 3 - option

FSP — up to STANAG 4569 level 5 - option

IED — high level of protection from monocoque hull - standard

Mine — exceeds STANAG 4569 level 3 - standard

Spall Liner — option

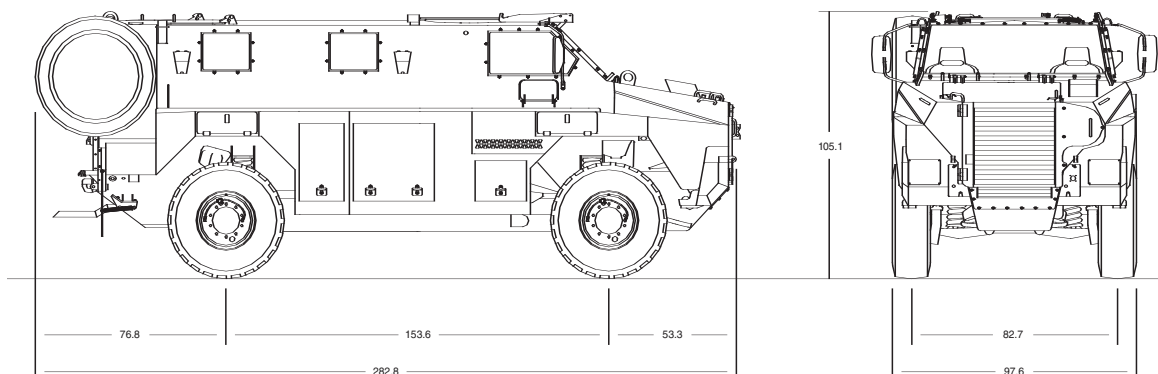
Options: • CTIS

• 10-ton hydraulic winch

• Remote weapons station • NBC/CBR

• 56 gal water tank • Swing mount

Variants: Command and control, engineer equipment carrier, mortar carrier, mortar supply, ambulance and 6 x 6 configuration





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