

# ASV ARMORED PERSONNEL CARRIER (APC) HIGH PERFORMANCE ARSENAL

TEXTRON Systems



## Equipped with Dual Weapon Turret - 40 mm Grenade Launcher and M2 .50 Caliber Machine Gun

The APC is a platform that adapts new technologies while minimizing development time and cost. This superbly engineered and battle-tested design continues to meet new and emerging threats associated with the next generation of warfare. When equipped with a dual weapon turret, the APC provides:

- Extended crew compartment for three crew members and up to four dismounts
- Fully independent front and rear suspension for superior mobility
- Optional power controls with variable rate slew enabling faster, more accurate target acquisition
- Addition of a thermal imager for improved range target acquisition
- Dual-mounted weapons station affording superior lethality
- Safety to reload under armor.

# ARMORED PERSONNEL CARRIER VEHICLE SPECIFICATIONS



The APC is recognized as one of the best-in-class wheeled, armored combat vehicles due to:

- Survivability - Scalable bolt-on appliqué provides protection from direct and indirect weapons, mines and improvised explosive devices (IEDs). Low aural, thermal and visual profiles
- Mobility – Four-wheel drive allows freedom to maneuver over all terrain
- Lethality - 40/50 turret provides effective suppression and self defense, operated under armor
- Sustainability - Highly maintainable, organically supported, proven high operational readiness in more than eight years of combat operations.

Combat experience has shown the survivability advantages of our turrets with their inherent capability to reload both weapons under armor while in contact with the enemy as a critical component of crew protection. The APC offers excellent handling, ride quality and mobility enabling combat troops to conduct all-terrain missions beyond the capabilities. The APC is a cost-effective force multiplier in every sense and continues to play a formidable role on a changing battlefield.



<b>Weight</b>	
Gross Vehicle Weight	34,950 lb (15,853 kg)
Curb Weight	31,650 lb (14,356 kg)
<b>Dimensions</b>	
Length	261 in (6,629 mm)
Width (overall)	101 in (2,560 mm)
Height (top of hull)	89 in (2,261 mm)
Ground Clearance	18 in (457 mm)
<b>Performance (at 35,100 lb)</b>	
Speed (level hard surface)	65 mph (105 kph)
Acceleration 0-20 mph (0-32 kph)	8 sec
Acceleration 0-50 mph (0-80 kph)	30.4 sec
Range @ 40 mph (64 kph)	400 miles (644 km)
Turning Diameter	65 ft (19.8 m)
Gradient	60%
Side Slope	30%
Vertical Wall	18 in (.46 m)
Fording	60 in (1.5 m)
<b>Tires</b>	Michelin 14.00R20 XZL with Hutchinson run flat inserts
<b>Suspension</b>	Fully independent front and rear, upper and lower control arms
<b>Power Train</b>	
Engine	Cummins 6CTA8.3, 280 hp peak, 825 lb-ft
Transmission	Allison 6 speed
<b>Sights</b>	M-36 day/night gunner's sight
<b>Armament</b>	Turret: 40-mm MK-19, .50 cal M2HB
<b>Crew</b>	1 Driver, 1 Commander, 1 Gunner, up to 4 Dismounts
<b>Survivability</b>	Protects against direct and indirect weapons, mines and IEDs.
<b>Other Mission Equipment Options</b>	
Add-on Armor	Optional
Radio	Optional
Intercom	Optional
Alternator	260 or 400-amp alternator
ABS	Optional
NAV/GPS	Optional
NBC Individual/Overpressure	Optional
Remote Weapon Station	Optional
Dual Weapon Turret	Optional

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