

GENERAL DYNAMICS
Land Systems

Abrams is a platform that adapts new technologies while minimizing development time and cost. This superbly engineered and battle-tested design continues to meet the challenges of new and emerging threats associated with the next generation of warfare.

ABRAMS M1A2





ABRAMS M1A2

ABOUT THE VEHICLE

The Abrams M1A2 Main Battle Tank is built to confront and destroy enemy forces using unrivaled firepower, maneuverability and shock effect. With its manually loaded, 120mm M256 smooth bore cannon, the M1A2 can fire a variety of different rounds against armored vehicles, personnel and even low-flying aircraft. A heavy exterior armor provides outstanding protection to its crew of four.

FEATURES & SPECIFICATIONS

SIZE/WEIGHT

Length - (Gun Forward) 387 in
Width - 144 in
Height - 93.5 in
Curb Weight - 69.54 tons
Ground Clearance - 19 in
Ground Pressure - 15.4 psi

PERFORMANCE

Maximum Speed - 42 mph (Governed)
Cross Country - 30 mph
10% Slope - 17 mph
60% Slope - 4.1 mph
Acceleration (0 to 20 mph) 7.2 sec
Cruising Range - 265 mi
Maximum Trench Crossing - 9 ft
Vertical Obstacle - 42 in
Power-to-Weight Ratio 21.6 hp/ton
NBC System 200 SCFM - Clean Cooled Air
Electronics/Crew Cooling 25,600 BTU/hr
Cooling 14 KW Hydraulic

POWER TRAIN & SUSPENSION

1500 HP Gas Turbine Engine
Hydro Kinetic Transmission - 4-Speed Forward, 2-Speed Reverse

FIRE SUPPRESSION

Automatic Fire Detection/Suppression

CREW

4 man

ARMAMENT

Main Armament - 120mm XM256 Smooth Bore Cannon
Coaxial Weapon 7.62 M240 Machine gun
Loader's Weapon 7.62 M240 Machine gun on Skate Mount
Commander's Weapon .50 cal M2 Machine gun
Ammunition Storage
42 Rounds 120mm
11,400 Rounds 7.62mm
900 Rounds 50 caliber
32 Screening Grenades
210 Rounds 5.56mm