



M1A2 ABRAMS Specifications

Weight	69.54 Tons	Main Armament	120mm XM256 Smooth Bore Cannon
Length (Gun Forward)	387 Inches	Coaxial Weapon	7.62 M240 Machinegun
Turret Height	93.5 Inches	Loader's Weapon	7.62 M240 Machinegun on Skate Mount
Width	144 Inches	Commander's Weapon	.50 Cal M2 Machinegun
Ground Clearance	19 Inches	Cruising Range	265 Miles
Ground Pressure	15.4 psi	Vertical Obstacle	42 Inches
Gas Turbine Engine	1500 hp	Trench Crossing	9 Feet
Power to Weight Ratio	21.6 hp/ton	NBC System	200 SCFM-Clean Cooled Air
Hydro Kinetic Transmission	4 Speed Forward 2 Speed Reverse	Crew	4 Men
Speed		Auxiliary Power	25,600 BTU/HR Cooling 6 KW Electrical 14 KW Hydraulic
Maximum	42 mph (Governed)		
Cross Country	30 mph		
10% Slope	17 mph		
60% Slope	4.1 mph		
Acceleration	7 Seconds (0 to 32 mph)		

Significant Benefits

Systems Enhancement Package

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| Monolithic and Composite Armor | On-board Malfunction Detection System |
| Compartmented Fuel & Ammunition | Nuclear, Biological, Chemical (NBC) System |
| Advanced Ammunition Capability | Position/Navigation System |
| Automatic Fire Detection/Suppression | Global Positioning System |
| Second Generation Thermal Imaging System | Color Tactical Displays |
| Second Generation Commander's Independent Thermal Viewer (CITV) | Mass Memory Unit |
| Fully Stabilized Sight | Digital Terrain Map |
| Eye Safe Laser Range Finder | Digital Command, Control, and Communications Capability |
| Day/Night Fire on the Move Capability | Open System Hardware and Software Architecture, US Army Standard Compatible |
| Driver's Night Viewer | Enhanced SINCGARS Radios with Inter NET Control |
| Advanced Suspension - Torsion Bars/Rotary Shock Absorbers | Enhanced Position/Location Reporting System (EPLRS) Radio Capable |
| Gas Turbine Engine - Multi-fuel/High Power to Weight Ratio | Thermal Management System |
| Under Armor Auxiliary Power Unit | Multiple Language Capable |
| Digital Engine Controls | |
| Automatic Shift/Steering Transmission | |

