

M1A2 ABRAMS Specifications

	Weight		Main Armament	120mm XM256 Smooth Bore Cannon
	Length (Gun Forward)	387 Inches		Sillouli Dole Callion
	Turret Height	93.5 Inches	Coaxial Weapon	7.62 M240
	Width	144 Inches		Machinegun
	Ground Clearance	19 Inches	Loader's Weapon	7.62 M240 Machinegun on Skate Mount
	Ground Pressure	15.4 psi		
	Gas Turbine Engine	1500 hp		
	Power to Weight Ratio	21.6 hp/ton	Commander's Weapon	.50 Cal M2 Machinegun
	Hydro Kinetic Transmission	4 Speed Forward 2 Speed Reverse	Cruising Range	265 Miles
	Canad		Vertical Obstacle	42 Inches
	Speed	40	Trench Crossing	9 Feet
	Maximum	42 mph (Governed)		
	Cross Country	30 mph	NBC System	200 SCFM-Clean Cooled Air
	10% Slope	17 mph		
	60% Slope	4.1 mph	Crew	4 Men
	Acceleration	7 Seconds (0 to 32 mph)	Auxiliary Power	6 KW Electrical
				14 KW Hydraulic

Significant Benefits

Systems Enhancement Package

Monolithic and Composite Armor

Compartmented Fuel & Ammunition

Advanced Ammunition Capability

Automatic Fire Detection/Suppression

Second Generation Thermal Imaging System

Second Generation Commander's Independent Thermal Viewer (CITV)

Fully Stabilized Sight

Eye Safe Laser Range Finder

Day/Night Fire on the Move Capability

Driver's Night Viewer

Advanced Suspension - Torsion Bars/Rotary Shock Absorbers

Gas Turbine Engine - Multi-fuel/High Power to Weight Ratio

Under Armor Auxiliary Power Unit

Digital Engine Controls

Automatic Shift/Steering Transmission

On-board Malfunction Detection System

Nuclear, Biological, Chemical (NBC)

System

Position/Navigation System

Global Positioning System

Color Tactical Displays

Mass Memory Unit

Digital Terrain Map

Digital Command, Control, and Communications Capability

Open System Hardware and Software Architecture, US Army Standard Compatible

Enhanced SINCGARS Radios with Inter NET Control

Enhanced Position/Location Reporting System (EPLRS) Radio Capable

Thermal Management System

Multiple Language Capable

