ALTAY
MAIN BATTLE TANK

Technical Features

4 Man Crew
Manual Loading
120 mm Smoothbore Main Gun, L 55 Barrel Length
Laser Guided Missile Firing Capability
New Generation Fire Control System with Hunter / Killer Function
Electrically Driven Gun Turret Drive System
Remote Controlled Weapon Station (12.7mm / 7.62mm MG / 40mm AGL)
Co-axial Machine Gun (7.62mm)
Gunners Auxiliary Sight System
New Generation 1500 HP Euro Powerpack
Auxiliary Power Unit
Modular Composite Armour
Laser Warning System
Battlefield Target Identification System
Life Support System Combining CBRN Protection and Air Conditioning
Automatic Fire Extinguishing and Explosion Suppression System
360° Situational Awareness
C3I System
Driver's Integrated Display
Driver Front and Rear Thermal / Day Cameras
4m Submerged Operation
ALTAY project is managed by Turkish Ministry of Defence Undersecretariat for Defence Industries (SSM) and conducted by Otokar as prime contractor.

ALTAY, being a 3rd+ Generation Main Battle Tank bears the latest technologies and caters for various tactical requirements of modern armies for 21st Century.

ALTAY’s outstanding performance resulting from its excellent mobility, superior firepower and survivability features will make ALTAY a key element in modern battlefield and a milestone in battlefield technology.

ALTAY has successfully completed the toughest system qualification tests to meet all mobility, fire power and protection requirements.

ALTAY has a unique design advantage since all kinds of today’s and future missions and trends in threats of urban warfare and conventional tank to tank battle are considered starting from the concept design.

Besides, Integrated Logistics Support has also been considered as a critical factor starting from early stages of the design&development and testing activities of ALTAY.

ALTAY has already become one of the most advanced main battle tanks among the new generation tanks of the world.

**Mobility**

The compact, new generation V12 Type Euro Powerpack provides 1500 HP with its 5 forward and 3 reverse gears. ALTAY's sophisticated cooling system helps it dominate the battlefield on rough terrain and extreme climatic conditions.

![Diagram of ALTAY's components](image)
ALTAY has 120 mm 55 caliber main gun capable of firing all kinds of ammunition compatible with STANAG 4385. The new generation Fire Control System with Hunter-Killer function provides a very high First Round Hit Probability (FRHP) on the move and decreases vulnerability with redundant architecture. ALTAY also has a RCWS (12.7 / 7.62 mm Machine Gun and 40 mm Grenade Launcher) and a coaxial 7.62 mm Machine Gun as auxiliary weapons.

Composed of RHA steel hull and turret structures with composite armour and add-on ERA packages, ALTAY is able to withstand the latest KE and CE threats. Add-on Mine Protection Kit, Life Support System, APU, Laser Warning System, 360° Situational Awareness System are just some of the survivability features of ALTAY.
Altay is equipped with a new generation Battlefield Management System (BMS) which provides full awareness of the vehicle status and function of the subsystems to the crew.

Battlefield Management

On its way to the modern battlefield...