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Tank Reference

Keywords

Acronym	Full Name	Description
TUSK	Tank Urban Survival Kit	Basic urban warfare protection package for M1 Abrams series
TUSK II	Hand Himan Ziinvival kii ii	Enhanced version with additional protection and urban warfare capabilities
BRAT	Bar Reactive Armor Tile	Reactive armor component of TUSK system
ARAT	Abrams Reactive Armor Tile	Advanced reactive armor component for later TUSK variants

Western Bloc

Modern Era

M1A2 SEPv3 Abrams

Description	Latest variant of the Abrams MBT with significant digital upgrades and enhanced protection.
Primary Armament(s)	120mm M256A1 smoothbore gun
Secondary Armament(s)	12.7mm M2HB machine gun, 7.62mm M240 machine gun
Armor	Depleted uranium mesh-reinforced composite armor, TUSK urban warfare kit available
Countermeasures	AN/VLQ-6 MCD, smoke grenade launchers, Trophy APS (Active Protection System)
Special Features	Advanced thermal sights, networked battle management system, improved power generation
Application	Modern MBT optimized for network-centric warfare and asymmetric threats.

M1A2 SEPv1 Abrams

Description	First System Enhancement Package variant of the M1A2.
Primary Armament(s)	120mm M256 smoothbore gun
Secondary Armament(s)	12.7mm M2HB machine gun, 7.62mm M240 machine gun
Armor	Depleted uranium mesh-reinforced composite armor
Countermeasures	AN/VLQ-6 MCD, smoke grenade launchers
Special Features	Second-generation FLIR sights, improved digital systems
Application	Enhanced digital battlefield capability and improved thermal imaging.

M1A1FEP Abrams

Description	Firepower Enhancement Package upgrade of the M1A1.
Primary Armament(s)	120mm M256 smoothbore gun
Secondary Armament(s)	12.7mm M2HB machine gun, 7.62mm M240 machine gun
Armor	Depleted uranium mesh-reinforced composite armor

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Countermeasures Smoke grenade launchers	
Special Features Enhanced fire control system, improved commander's weapon station	
Application	Upgrade package focusing on firepower improvements and targeting capabilities.

M1A1SA Abrams

Description	Situational Awareness upgrade package for M1A1.
Primary Armament(s)	120mm M256 smoothbore gun
Secondary Armament(s)	12.7mm M2HB machine gun, 7.62mm M240 machine gun
Armor	Depleted uranium mesh-reinforced composite armor
Countermeasures	Smoke grenade launchers
Special Features	Enhanced situational awareness package, improved thermal imaging
Application	Focus on crew situational awareness and battlefield intelligence.

Merkava Mk IV LIC

Low Intensity Conflict variant of the Mk IV, optimized for urban warfare.
120mm MG253 smoothbore gun
12.7mm MG, 7.62mm MG, 60mm internal mortar
Composite modular armor, Trophy APS
Trophy APS, smoke grenades, IR jammers
Enhanced urban warfare protection, improved IED protection
Specialized variant for urban combat and asymmetric warfare.

Merkava Mk IV M

Description	Latest variant of the Mk IV with enhanced digital capabilities.
Primary Armament(s)	120mm MG253 smoothbore gun
Secondary Armament(s)	12.7mm MG, 7.62mm MG, 60mm internal mortar
Armor	Advanced composite modular armor, Trophy APS
Countermeasures	Trophy APS, smoke grenades, IR jammers
Special Features	Advanced battle management system, improved power systems
Application	Modern MBT with enhanced digital warfare capabilities.

Leopard 2A6

Description	Enhanced variant of the Leopard 2 series with improved firepower.
Primary Armament(s)	120mm L/55 smoothbore gun
Secondary Armament(s)	7.62mm MG3A1 machine guns (2)
Armor	Third-generation composite armor
Countermeasures	Smoke grenade launchers
Special Features	Enhanced fire control system, longer L/55 gun
Application	Improved anti-tank capabilities with longer-range main gun.

FV4034 Challenger 2

Description	British main battle tank with distinctive rifled main gun.
Primary Armament(s)	120mm L30A1 rifled gun

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Secondary Armament(s)	7.62mm L94A1 chain gun, 7.62mm L37A2 machine gun
Armor	Second generation Chobham/Dorchester armor
Countermeasures	L8 smoke grenade dischargers
Special Features	Digital fire control system, battlefield identification system
Anniication	Heavy MBT emphasizing crew survivability and accurate long-range engagement.

Cold War Era

Leopard 1A3

Description	Improved variant of the Leopard 1 with new turret design.
Primary Armament(s)	105mm L7A3 rifled gun
Secondary Armament(s)	7.62mm MG3 machine guns (2)
Armor	Spaced armor in welded turret
Countermeasures	Smoke grenade launchers
Special Features	New welded turret design, improved armor protection
Application	Mobile MBT focusing on firepower and mobility over heavy armor.

Arma 3, NATO Western

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