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SABER-25

ONE-MAN MEDIUM CALIBER TURRET FOR INFANTRY FIGHTING VEHICLES

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OVERVIEW

SABER-25 is a medium caliber one man power operated turret that can be integrated on wheeled and tracked armored vehicles. SABER-25 turret incorporates the latest technologies in turret drives, fire control, protection and lethality. Its compact dimensions and light weight makes SABER-25 a suitable choice for different types of armored vehicles.

The main armament consists of M242 25 mm dual-feed automatic cannon with 240 ready to fire rounds. The secondary armament is a 7.62 mm coaxial machine gun with 600 ready to fire rounds.

The digital fire control and sighting system includes a 3rd Generation Long Wave or Mid Wave Thermal Imager, a telescopic day optical channel and an eye safe Laser Range Finder and ballistic computation capability.

The gun turret drive system is electrical and fully digital with two axis stabilization capability to ensure a high accuracy of fire on the move.





SABER-25 TECHNICAL SPECIFICATION

Data subject to change without notice.

PRIMARY ARMAMENT	
Type	25 mm M242 Enhanced (Dual Feed Automatic Cannon)
25 mm Ready Rounds	150 HE/90 AP-Total 240 Rounds
Rate of Fire	200 rds/min Full Auto/3-5-10 Round Controlled Burst/Single Shot
SECONDARY ARMAMENT	
Type	7,62 mm Coaxial Machine Gun
Ready Rounds	600
GUN/TURRET DRIVE SYSTEM	
Type	Electric Drive with Two Axis Stabilization
Traverse	360° Continuous with Manual Back-up
Elevation	+48° to -8° with Manual Back-up
Rate	> 60°/sec Traverse & Elevation
Tracking Rate	0,3 mil/sec
Deck Clearance	Automatic & Programmable
GUNNER'S SIGHT SYSTEM	
Primary Sight	8-12 μ m or 3-5 μ m Thermal Imager, Direct View Optics, Laser Range Finder with 8.000m Range
Ballistic Calculation	Automatic Super and Lead-angle Elevation Computation

DIMENSIONS & WEIGHT	
Turret Weight	1800 kg (Combat Weight)
Ring Gear Diameter	1 m
Swing Radius	2600 mm
Width	1600 mm
Height Above Mounting Surface	610 mm
BALLISTIC PROTECTION	
STANAG 4569	
SMOKE SCREENING	
Grenade Launchers	Standard, 8 ea x 66 or 76 mm