



SAMSON MINI

Compact stabilized remote weapons station



The Samson Mini is a high performance single-weapon remote weapon station designed for use with light combat vehicles and fast attack platforms. The dual axis, gyro-stabilized Mini has a low center of gravity for stabilization, making it the ideal remote weapon station for maneuvering forces. Armament can range from a 5.56mm machine gun up to 40mm automatic grenade launcher with an optional smoke grenade launcher.

Integrated on a wide variety of wheeled vehicles and tracked platforms, the compact Samson Mini effectively supports ground maneuverability.

The system's highly accurate target engagement, auto-tracking capabilities and stabilization enable superior performance under the most adverse conditions. In addition, the Samson Mini's open architecture allows for the addition of effectors, sensors, tactical information systems and the use of customer furnished equipment for an effective battlefield response.

KEY CHARACTERISTICS:

Single weapon RWS for use with light combat vehicles and fast attack platforms

Supports multiple weapons, from a 5.56mm machine gun to a 40mm automatic grenade launcher, and smoke grenade launcher

High-precision firepower in day or night operations under adverse environmental conditions

Combat proven in active service worldwide

Low center of gravity contributes to vehicle stability

System design maximizes the protection of critical electronics

SAMSON MINI

Compact stabilized remote weapons station



General Dynamics Ordnance and Tactical Systems and Rafael are teamed in a joint venture, GR Dynamics, LLC, to provide integration and production of the Samson Mini remote weapons station. The Mini has been deployed and proven under combat conditions.

Specifications

Mount Type	Dual-axis, gyro-stabilized mounting system for weapon and sight pod
Weight	
Overall Combat Weight (excluding main weapon, ammunition and ballistic protection)	Approximately 440 pounds (200 kg)
Weapons (partial list)	
Armament	5.56mm machine gun 7.62mm machine gun 12.7mm (.50 caliber) M2 machine gun 40mm automatic grenade launcher
Obscurant (optional)	Smoke grenade launcher
Ammunition types – ready for use	
5.56mm rounds	Up to 1,500
7.62mm rounds	Up to 1,150
12.7mm (.50 caliber) rounds	Up to 400
40mm rounds	Up to 96
SGL	Up to 8
Traverse Range	360°
Elevation Range	
Note: Depression range may be limited by vehicle structure.	-20° ±1 to +60° ±1
Power Supply	24 voltage direct currents (VDC) Nominal (18-32 VDC)
Power Consumption	
Average power consumption	<15 amps at 28 VDC

GENERAL DYNAMICS
Ordnance and Tactical Systems

