



SAMSON DUAL REMOTE WEAPON STATION

Multi-threat capability in highly mobile situations



The Samson Dual remote weapon station is a robust system that can be mounted on a variety of wheeled ground platforms and tracked armored vehicles. The Samson Dual provides the simultaneous use of a wide range of main and secondary armaments as well as an optional anti-tank missile launcher, giving the Samson Dual significant capabilities for a multimission response. The Mk II is lighter than manned turrets and does not require penetration into the vehicle hull, saving significant interior space. The proprietary in-hull reloading system provides reliable protection while enabling the crew to continue combat under armor for maximum lethality and survivability on the open battlefield and in close urban situations.

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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 Dual remote weapons station.

KEY CHARACTERISTICS:

Provides simultaneous use of main and secondary armaments for 4 x 4, 6 x 6, or 8 x 8 wheeled ground platforms and tracked armored vehicles

Incorporates an anti-tank guided missile (ATGM) launcher as a force multiplier

Gimballed, multi-sensor sight pod for high performance day or night

Under-armor ammunition reloading

Does not require penetration into the vehicle hull, saving significant interior space

Super elevation and lead angle compensation

Supports urban and open country scenarios

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Specifications

Weapons (partial list)

Main Armament (one)	12.7mm (.50 caliber) M2 machine gun 40mm automatic grenade launcher Variety of medium caliber guns
Secondary Armament (one)	40mm automatic grenade launcher 5.56mm machine gun 7.62mm machine gun 12.7mm (.50 caliber) M2 machine gun
Effectors (optional)	Anti-tank guided missile launcher Smoke grenade launcher

Ammunition types - ready for use

40mm	Not less than 32 rounds
12.7mm	Not less than 100 rounds
7.62mm	Not less than 230 rounds
Missiles for ATGM launcher	Two missiles
Smoke grenade launcher	Up to eight

Traverse Range

360°

Elevation Range

Note: Depression range may be limited by vehicle structure.

-20° ±1 to +60° ±1

Power Supply

24 volts direct current (VDC)
Nominal (18-32 VDC)

Power Consumption

Average power consumption <20 amps at 28 VDC