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.

*The Samson Dual remote weapon station provides multi-threat capability in highly mobile situations.*

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
- Gimbaled, 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
## 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

-20° ±1 to +60° ±1  
Note: Depression range may be limited by vehicle structure.

### Power Supply

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

### Power Consumption

Average power consumption <20 amps at 28 VDC