LAND

RAFAEL
ADVANCED DEFENSE SYSTEMS LTD.

RSGS
RAFAEL SYSTEMS GLOBAL SUSTAINMENT, LLC

SAMSON™ RWS Family

Setting a New Standard for Remote Weapon Systems

Ensuring Maximum Lethality and Survivability

The increasingly sophisticated threats faced in today's battlespaces require solutions that leverage advanced technologies to ensure both maximum lethality and high survivability.

The combat-proven SAMSON RWS Family, integrated worldwide on thousands of tracked and wheeled vehicles, successfully counters these threats with a steady stream of innovative features.

Robust, reliable, and proven in the most adverse environmental conditions, they accommodate a diverse array of weapons and sensors for customers in over a dozen countries.

Recognized as dependable force multipliers for complex and challenging missions around the world, their unique set of features boosts lethality while maximizing fighter protection.

Benefits

- More than 40 years of experience in the area of RWS
- High survivability, low silhouette with under-armor reloading
- High hit and kill probability
- Day/night operation, endurance under extreme conditions
- Integrated on wide range of tracked & wheeled vehicles
- Anti-Tank Guided Missile Launcher (optional)
- Cost-effective compared with manned turret
- Fully qualified & tested, serially-produced, operationally deployed, in active service worldwide
- Thousands of units globally combat-proven
- High RAMS-T (Reliability, Availability, Maintainability, Supportability & Testability)

A SAMSON for Every Scenario

Backed by more than 40 years of development and deployment, the globally-proven SAMSON Family delivers unmatched lethality, survivability, and maneuverability.

SAMSON 30mm Integrated RWS

This newest member of the SAMSON Family is an all-in-one system that integrates a remarkable combination of today's most effective solutions, including TROPHY - the only combat-proven APS (Active Protection System), and the SPIKE LR 1&2 multi-purpose guided missile. Delivering MBT-level (Main Battle Tank) protection, the system provides mission-appropriate fire power without degrading the vehicle's mobility.

SAMSON 30mm RWS

Supporting mission diversity, the SAMSON 30mm RWS enables use of the relevant fire power - 30/40mm automatic main cannon, 7.62mm coaxial machine gun, dual launcher for SPIKE LR 1&2 ATGMs - ensuring flexibility in both urban and open terrain scenarios.

SAMSON Dual RWS

Enabling simultaneous use of a wide range of main and secondary armaments, the Dual RWS provides dual-axis stabilization, weapon decoupling, and optional integration of an ATGM.

SAMSON Mini/SAMSON Mini MLS

Designed for light wheeled or tracked combat vehicles that require additional offensive capabilities, the dual-axis, stabilized single-weapon SAMSON Mini accommodates a variety of weapons.

Main Capabilities

- Under-armor reloading
- Full day/night "hunt-kill" capabilities
- Accommodates variety of weapons and degrees of fire power
- Simultaneous use of main and secondary weapons
- MBT-level (Main Battle Tank) protection
- Dual-axis stabilization
- Optional incorporation of ATGM

Technical Specifications

Parameter	Mini/Mini MLS RWS	Dual RWS	30mm RWS	30mm Integrated
Type	Dual-axix gyro stabilized	Dual-axix gyro stabilized	Dual-axix gyro stabilized	Dual-axix gyro stabilized
Main weapon	One of the following: • 5.56mm* • 7.62mm* • 12.7mm* • 14.5mm KPVT • 40mm AGL	One of the following: • 5.56mm* • 7.62mm* • 12.7mm* • 14.5mm KPVT • LW 30mm • 40mm AGL	One of the following: • ATK MK44S 30/40mm • 2A42 automatic cannon	One of the following: • ATK MK44S 30/40mm
Secondary weapon	N/A	One of the following: • 5.56mm* • 7.62mm* • 12.7mm*	7.62mm	7.62mm
ATGM launcher	Optional (in Mini MLS type)	Optional (instead of secondary weapon)	+	+
TROPHY APS (Active Protection System)	N/A	N/A	N/A	+
SGL	Optional	Optional	Optional	+
Loading / Reloading under armor	N/A	+	+	+
Variety of Sights Pods (day, night, LRF)	Variety of Sight Pods according to customer demands			
Hunt-Kill capability	N/A	Optional	+	+
Additional capabilities: **• ATTS** **• ATD**	Optional	Optional	Optional	+

SAMSON Mini MLS RWS

SAMSON Dual RWS

SAMSON Mini RWS

SAMSON 30mm Integrated RWS

RAFAEL

LAND & NAVAL SYSTEMS DIVISION

Tel: +(972)73-335-2002
Fax: +(972)73-335-4093
Email: lnd-mkt@rafael.co.il

HQ **Tel:** +(972)73-335-4714
Fax: +(972)73-335-4657
Email: Intl-mkt@rafael.co.il

www.rafael.co.il

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UNC. 62803/08.19 0819/8D/63V1 ENG/Graphic Design Dep/042