

Product Overview

The Range Systems Pro-Bot Rogue is a versatile all-terrain 4 wheel drive mover built to navigate challenging, unimproved environments. It excels on “off-road” range sites, effortlessly climbing over low obstacles and handling brush, tall grass, loose gravel, soft soil, and more. Perfect for use on rugged or developed range sites, including Hogan’s Alleys, UACs, MOUTs, combat villages, sniper training areas, and uneven paths or roads.

It features easy battery replacement for extended operation and accommodates a range of target mounts, including military E, F, and IVAN targets, Manikin Mike™ 3D, steel reactive plates, and standard law enforcement backers. Constructed from durable, weather-resistant, all-steel materials with steel gearing, the Pro-Bot is designed for field serviceability with “plug-and-play” components for minimal downtime.



Features and Benefits

- 4 Wheel Drive
- Turns 360° on its own radius for lifelike maneuverability
- Wireless Variable Speed Control
- Standard Effective Range: up to 1000 meters line of sight
- Full Running Man Speeds
- Multi-mission Off-road/rugged terrain operation
- Armored (standard)
- High ground clearance
- 3D Manikin Mike™ target with stop/stop-drop hit sense mount

Technical Specifications

DIMENSIONS	
Base	30"x27"x13" (LxWxH)
WEIGHT	
Base Unit (Standard)	111 lbs.
Base Unit (Armored)	161 lbs.
Stop/Drop with Manikin	14 lbs.
Carry capacity (Standard)	150 lbs.
Enviromental	
Temperature	32°F to 140°F
Rain	Water resistant, do not submerge
Battery Base	
Type	Sealed lead acid or optional lithium ion (6) 12VDC / 9Ah Built into 1 battery pack with 6 Batteries, wired for 24V
Run time (Standard)	3 hours (50% duty Cycle) 6 hours (with optional Lithium Ion)
Run time (Armored)	1.6 hours 75% duty cycle 3 hours (75% duty cycle with optional Lithium Ion)
Charger	
Type	IC
Input Voltage/Current	120VAC / 240A
Output Voltage/Current	12VDC / 12A
Drivetrain	
Motors	4 – 24V 120W 270rpm IP44 Motors
Tires	4 – 13" x 5.00-6 Pneumatic
Speed	0 to 14 feet/second Variable Forward or Reverse, Skid Steering
Radio	
Short-range	
Distance	Maximum effective range 1000 m line of sight
Frequency Standard	2.4 GHz Spread Spectrum Futaba or FlySky
Long Range or GPS (Option)	
Distance	600 m line of sight
Frequency	900 MHz spread-spectrum FCCID MCQ-XB900HP
Frequency Option 1	2.4 GHz spread-spectrum
Frequency Option 2 (Japan)	2.4 GHz spread-spectrum Japan Approvals R210-119309

Technical Specifications

Armor (Optional)	
Weight	100 lbs.
Material	0.25" AR500 Plate
Protection	Up to .308 incidental
GPS (Optional)	
Environment	Outdoor only
Accuracy	Approximately ± 6 ft
Waypoints	Up to 40
Safety	Auto Shut-down when controller lost
Optional Mounts	
	Dual Stake Pockets (standard)
	Pro-Sit standard or 360
	Mannequin Mike™ Stop/Drop or Stop/Tilt Reactive
	Mannequin Mike™ Non-Reactive
	E, F, IVAN
	Surveillance cameras
	Portable lighting systems
	Mobile phones (for hostage negotiations)
	Fire-back (Paintball)