



MT-78 Robotic Moving Target System

Key Features:

- 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

All-terrain mover. Designed to operate on unimproved, "off road" range sites, climb over low obstacles, negotiate brush, tall grass, loose gravel, soft soil, etc.

Ideal for use on any improved or rugged range sites, Hogan's Alleys, UACs, MOUTs, combat villages, sniper training, unimproved pathways and roadways, and limited undulating terrain.

Easy battery replacement for extended run times.

Target mounts for military E, F, and IVAN, Manikin Mike 3D, steel reactive plates and standard law enforcement target backers.

Ruggedized, all weather, all-steel construction with all-steel gearing and field serviceable with "plug and play" components.

MT-78 SERIES 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.
ENVIRONMENTAL	
Temperature	32°F to 40°F
Rain	Water resistant, do not submerge
Battery BASE	
Type	Sealed lead acid Capacity (6) 12VDC / 9Ah
	Built into 1 battery pack with 6 Batteries, wired for 24V
Run time (Standard)	3 hours (50% duty Cycle)
Run time (Armored)	1.6 hours (50% duty Cycle)
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

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)
	PT-61 A or B
	Mannequin Mike™ Stop/Drop Reactive
	Mannequin Mike™ Non-Reactive
	E, F, IVAN
	Surveillance cameras
	Portable lighting systems
	Mobile phones (for hostage negotiations)
	Fire-back (Paintball)

WHAT'S IN THE BOX:

- MT-78 Moving Target
- Battery pack
- Battery Charger
- Antenna
- Hit Sensor
- Stop/Drop Mount Kit
- Manikin Mike 3D target Kit

KEY ACCESSORIES TO CONSIDER:

- Other target mounts
- GPS
- Target Backers

INPUTS/OUTPUTS

