

# ATS TARGETS



Tactical Target Systems & Marksmanship Ranges



atstargets.com | 651.429.8091  
made in U.S.A. since 1973





# ATS

## TARGETS

MILITARY • LAW ENFORCEMENT • SECURITY

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# New!

available in 2022

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## **FLEXI-E**

all-electric stationary  
turning target

SEE PAGE 7

## **MT-78**

armored autonomous  
robot SEE PAGE 14



## **T-21 B Controller**

compact, ergonomic  
running-man controller

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## **Advanced Reactive Range**

all-steel pistol range

SEE PAGE 8



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# PT-61 A/B

## PT Series Hit-Reactive Pop-Up Turning Target System

The Go Anywhere, Train Anywhere, man portable, PT-61 is a hit-reactive tactical target system. This is the target that pops-up, and swivels 180° (PT-61B) in a single target cycle. The PT-61B is the flagship of the industry-leading ATS PT Series of programmable, portable, pop-up, shoot/don't shoot and reactive steel sniper target systems.

ATS Targets pioneered shoot/don't shoot training target systems with the development of the Duel-A-Tron and has continued to set the bar for use-of-lethal-force decision-making. Scenario training requires versatile targets like the latest Duel-A-Tron-inspired PT Series of pop-up shoot/don't shoot portable targets.

### 3 VERSIONS AVAILABLE:

1. The PT-61A is a radio-controlled, programmable, pop-up, hit-reactive target mechanism.
2. The PT-61B (shown) also incorporates 180° twist for shoot/edge/and don't shoot target positions as well as down.
3. The PT-68 is a programmable, pop-up, hit-reactive, steel sniper target.

All of these target systems run off any of ATS Targets' controller options, which range from a simple

handheld, to an Android™ or Windows™ tablet, to a range control computer system. Each of these systems are based on the easy-to-use, ATS developed, UTC Series of universal target control software.



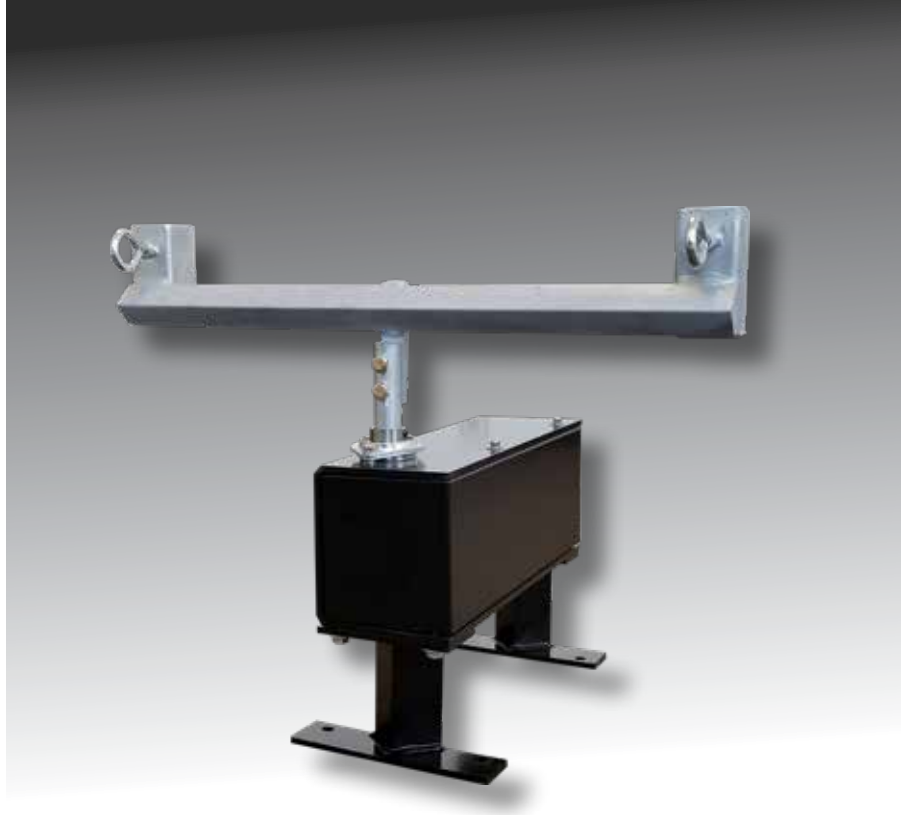


## Go Anywhere, Train Anywhere

### PT-61 FEATURES:

- Battery power or 120V AC
- Standard 600-meter, with optional 2,000-meter wireless range
- Shoot/Edge/Don't Shoot – 180° turning capability (PT-61B only)
- Hit-reactive, counting/scoring
- SITS, PITS, MITS, PITA, and JCTT options
- Fully programmable
- Reacts to all simulated munitions and airsoft
- Lightweight, can be used as portable or stationary





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# FLEXI Turning Target Systems

**Pneumatic, Permanent, Target Installations**

The FLEXI Series of pneumatic target systems is for combined qualification and tactical firearms training. These rugged systems are built to last while creating dynamic and stressful target practice scenarios. These target systems can be used for both qualification and the creation of stressful real-life situations, as they

can be programmed to perform new, dynamic, and stressful cycles with the click of a mouse or touch of a tablet.

This system comes in five primary configurations. Other options, such as ceiling retract, are available upon request. The standard configurations are shown in the chart on page 9.

**Maximize versatility without  
sacrificing durability.**



# FLEXI-E

## Turning Target System

**New!**

Built on the industry leading FLEXI foundation, the FLEXI-E harnesses ATS Targets' robust electronics technology to create a fully programmable, hit reactive, full-radius turning target system. This enables full threat/non-threat turning capability and hit scoring in one platform.

The FLEXI-E features an all-weather, all-steel, all-American construction fully electric turning target system. This system comes

standard with 120VAC voltage yet has an optional integrated battery back-up for uninterrupted training.

ATS Targets pioneered threat/non-threat training target systems with the development of the Duel-A-Tron© and has continued to set the bar for use-of-force decision making.

This system integrates with any of the ATS Targets' controller options, which range from a simple handheld, to an Android™ or Windows™ tablet, to a range control computer system. Each of these systems are based on the easy-to-use, ATS developed, UTC™ Software.



### **FLEXI-E FEATURES:**

- Battery power or 120V AC
- Standard 600-meter, with optional 2,000-meter wireless range
- Friend/Edge/Foe – full radius turning capability
- Hit-reactive, counting/scoring
- Fully programmable
- Reacts to all simulated munitions and airsoft



**New!**

# ARR-1

## Advanced Reactive Range

ATS Targets introduces the ARR-1 Advanced Reactive Range pneumatic reactive steel live-fire target system for tactical firearms training. Developed for federal law enforcement and the United States military, this system can present targets in half-second increments, creating dynamic and stressful target practice that drives speed and accuracy.

The ARR-1 pneumatic target system enables fully programmable individual control of each target position. The rangemaster can program each target to present and hide autonomously at different face times, as well as at different delay times individually or synchronized. The system can be controlled wirelessly using either an Android™ or Windows™ tablet, or a stationary computer in a range control booth or tower. Targets may be manually sequenced individually, in a series,

or simultaneously at the touch of a button.

As with all of ATS Targets' field proven systems, all controls are based on the easy-to-use, ATS developed, UTC™ Software.

### ARR-1 FEATURES:

- Compressed air driven (pneumatic)
- Standard 600-meter, wireless range
- 0.5s face time increments
- Hit-reactive, auto resetting ballistic steel targets
- Varying distances, heights and cover
- Fully programmable



	<b>FLEXI-B</b>	<b>FLEXI-90</b>	<b>BQ</b>	<b>FLEXI-HD</b>	<b>FLEXI SUPER HD</b>
rotation	180° shoot/edge/ don't shoot	90° shoot/edge	90° shoot/edge	90° shoot/edge	90° shoot/edge
target capacity	cardboard or plastic	cardboard or plastic	cardboard or plastic	2-in. by 2-in. wood stave pockets	steel target frames
programmable	•	•	limited	•	•
hit-sense option	•	•		•	•
individual target control	•	•	ganged (3-7 targets)	•	•
control type	PT Series or manual	PT Series or manual	PT Series or manual	PT Series or manual	PT Series or manual
wireless option	•	•	•	•	•

## **ALL FLEXI SYSTEMS FEATURE:**

- Rugged heavy-duty turning mechanism, built to be abused
- Heavy duty, industrial grade pneumatic components including dual-airflow speed controls and quick connect push-to-connect air fittings for reliable field performance every time
- All-weather construction designed for operation in high-humidity, wet environments; down-range electronics protected by waterproof, gasketed steel enclosures
- Optional wireless control system with standard 600-meter up to 2,000-meter range



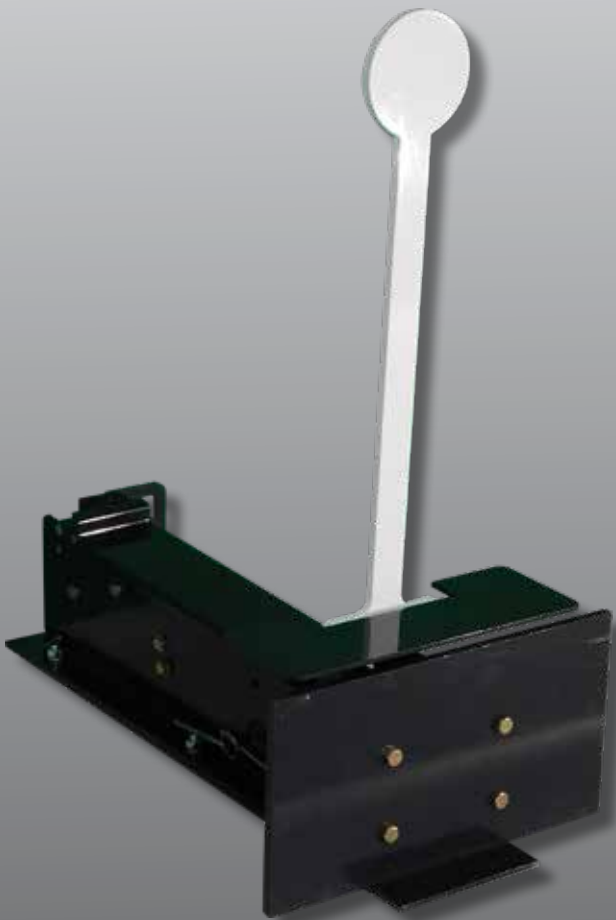
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# ST-71

## Portable Sniper Target

A portable, any distance, reactive steel, auto-reset sniper target, the ST-71 target system features:

- Low-cost, any-distance target
- Portability; can be carried by a single person
- Light weight(40 lbs.); small “footprint” (6-in. H by 6-in. W by 26-in. L)
- 3/8-in. AR500 ballistic steel silhouette target (12-in. W by 18-in. H by 3/8-in.)
- Now with 3/8-in. steel barrier to protect the lifter (14-in. W by 7 1/2-in. H by 3/8-in.)
- Auto reset feature standard; target resets itself automatically 5 seconds after each hit
- Built-in power supply; no external wires
- Simple operation; after battery connection, unit instantly becomes operational
- Available with silhouette or lollipop-style targets; other shapes available upon request





**Training  
the Best**

# PT-68

## Long-Range Reactive Steel Sniper Target System

This system is part of the ATS PT Series of programmable hit-reactive target systems. It offers seamless integration with the ATS PT-68 HD, ATS PT-61 Series of targets, ATS PTX-600, PT-600 Bluetooth™, and PTX-2000 rugged handheld transmitters and tablet interfaces and ATS UTC software.

### **PT-68 FEATURES:**

- Man portable; compact, weighs 32 lbs. (lifter)
- Lifts up to 70 lbs.
- Low profile footprint (16-in. by 24-in. by 30-in.) for ease of relocation
- Lifts rifle-grade steel silhouettes, bullseye plates, and Manikin Mike™ 3DHTs within 2-4 seconds
- Standard auto reset feature
- Optional programmable electronic hit-reactive target feature
- Optional wireless, programmable control; 600 meters standard; up to 2,000 meters



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# MT-74/M-145

## Robotic Moving Target Systems



ATS Targets' go anywhere, train anywhere ruggedized MT-74 all-wheel drive moving target system was designed for off-road, back country training.

### **MT-74 FEATURES:**

- Turns 360° on its own radius
- Maximum effective range: up to 1,000 meters line of sight

- Wireless variable speed control
- Wireless free-wheeling or track mounted (MT-72 for repetitive courses) target control
- Runs straight line courses at running-man speeds up to 15 ft./second
- Variable forward, pause, and reverse speed control
- A true multi-mission, off-road platform
- Portable; MT-74 weighs 87 lbs.; M-145 weighs 43 lbs.
- Low-profile 31-in. by 26-in. by 10-in. footprint
- Maximum effective payload of 250 lbs. for MT-74; 25 lbs. for M-145
- Optional electronic hit-reactive target function
- Optional mounts for surveillance cameras, IED search and destroy missions, portable lighting systems, mobile phones (for hostage negotiations), fire-back (airsoft or paintball) and pyro systems, etc.



- Autonomous Robotic Target System (ARTS) available in June
- All ATS Targets' robots available with optional stop/stop-drop Manikin Mike™ hit-sensing, reactive target system
- MT-74 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.
- M-145 mover designed for improved range sites only
- Ideal for use on improved range sites, Hogan's Alleys, UACs, Urban Operations (UO), combat villages, sniper training, unimproved pathways and roadways, and limited undulating terrain
- Easy battery replacement for extended run times
- MTBC: 5.5 hours + with six 12-volt, 9AH SLA rechargeable batteries
- Target mounts for military E, F, IVAN, Manikin Mike™ 3DHT, steel reactive plates and standard law enforcement target backers
- MT-74 features ruggedized, all-steel construction; M-145 features a light-weight aluminum platform for easy transport
- MT-74 features all-steel gearing; M-145 features direct-drive motors
- Field serviceable and upgradable with plug-and-play components
- All-weather performance
- Low price; a COTS product under GSA contract

**New!**

# MT-78

## Next Gen Robot

ATS Targets introduces the MT-78, the very latest in a long line of robotic targetry products.

Developed for federal law enforcement and the United States military, this is the premier moving live-fire target system for tactical firearms training.

This next generation robot incorporates larger tires for better ground clearance on rough terrain, optional ballistic protection up to 7.62 caliber, GPS control and a multiple range and frequency options for control in any country and any environment.





### MT-78 FEATURES:

- Turns 360° on its own radius
- Running man speeds to 8 mph
- Optional AR500 ballistic protection
- Quick-change batteries with optional lithium ion for extended run time
- Standard 600-meter, wireless range
- Optional hit-reactive, Stop/Stop-Drop Manikin Mike™
- Optional GPS





# Robot Guide

	M-145	MT-72	MT-74	MT-78
class	improved surface only	improved surface only	rough terrain	extreme terrain
ground clearance	3.3-in. 	4-in. 	4-in. 	5.5-in. 
power	4WD	2WD	4WD	4WD
batteries (SLA)	two 9Ah	six 9Ah	six 9Ah	six 9Ah
lithium (LiFePO <sub>4</sub> ) optional	•	•	•	•
tires	10-in.	10-in.	10-in.	13-in.
airless	•			
base material	aluminum	steel	steel	steel
armor (optional)		•	•	•
Stop/Stop-Drop (optional)	•	•	•	•
GPS (optional)			•	•
track (optional)		•		



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# T-21B

## Running-Man Moving Target System

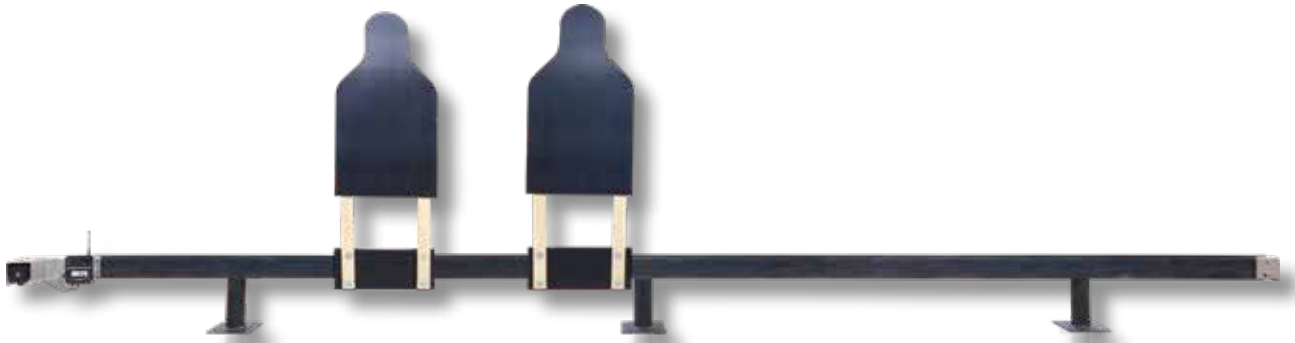
The T-21B track-mounted moving target system is primarily for permanent or semi-permanent installation on a concrete pad. This system is ideal for moving targets mixed in with static or stationary turning targets, or a moving target system between building facades (e.g., in a Hogan's Alley).

The T-21B is designed to operate one or two moving targets independently in different directions, at different speeds, at the same time on an I-beam track. In

addition, targets can be ganged into pairs as shown here.

Moving target proficiency is quickly becoming part of the standard series of qualification requirements for many agencies, states, cities, and counties. The T-21B running-man moving target system has set the standard for quality and reliability. What's more, the newest generation launched in 2019 adds some great features to an already excellent training aid.

**Maximize your team's proficiency.**



### T-21B FEATURES:

- Targets operate independently – forward or reverse at variable speeds or attack-retreat modes via remote control
- Operates on 12 VDC automotive-style batteries for use in remote locations
- Can be set-up as dual with independent targets on each side of the rail (front and back)

### ADDITIONAL OPTIONS FOR T-21B SYSTEM:

- Wireless radio system with a range up to 600 meters
- Cable run from walls, posts or trees instead of ground-mounted rail (Reference T-21C/D)
- Ganged target pair
- Each target rail side can have either one or two ganged targets
- All stainless-steel construction for the harshest environments

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## T-21B Controller

compact, ergonomic  
running-man controller





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# PTX-600

## PT Series Wireless Controller

The target controller for the ATS Targets' PT Series of programmable, portable, pop-up, shoot/don't shoot and reactive steel sniper target systems is now equipped with USB connectivity, backlight, and a 600-meter range.



### KEY FEATURES:

- USB connectivity to the ATS Targets' new UTC 3.0 range control software
- Windows™ and Android™ compatible
- Backlight with dedicated battery for low light and night training
- 600-meter target control range; 2,000-meter optional
- Fully programmable
- Controls up to 200 individual target systems

## UTC 3.0 software





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# PTX-TAB

## PT Series Wireless Controller

The PTX-TAB is ATS Targets' newest target controller for the industry-leading PT Series of programmable, portable, pop-up, shoot/don't shoot and reactive steel sniper target systems now with USB connectivity, backlight, and a 600-meter range.

### KEY FEATURES:

- Easy-to-use design
- Connects to any Android™ tablet
- Connects to any Microsoft Windows™ tablet with ATS Targets' UTC 3.0 software
- Connects to PC via Bluetooth™ (Samsung Galaxy™ Tab A included)
- 600-meter target control range
- Controls up to 200 individual target systems
- 2-day battery life, rechargeable via USB port
- Operates any ATS Targets' PT Series of targets, FLEXI target system, or BQ target system
- Small and lightweight radio
- Fits into standard mag pouch



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# Manikin Mike™

## 3D Target System

Developed for use in shoot houses and in Urban Operations (UO) training facilities, Manikin Mike™ is a 3D human figure target that adds realism to street combat training scenarios. With articulated joints, 360° swivel head, adjustable arms and legs – as well as hands with fingers able to hold objects – Manikin Mike™ creates a whole new level of training realism. Made of high-density, semi self-healing plastic, it can sustain thousands of high velocity rounds, is temperature insensitive, water repellent, UV resistant, and an environmentally friendly, recyclable product.

### KEY FEATURES:

- Capable of being used with ATS Targets' hit-sensing system to make it reactive
- Options available to mount stationary, hanging (DD-10), stationary with hit-sensing drop post (DD-51), or moving with stop/stop-drop (MT-74)
- 5-minute installation





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# Tank-in-a-Bag

## 3D Target System

The full-scale T-80 lightweight tank simulator is for use as interactive 3D decoy and/or mobile 3D target with either simulated or live-fire tank and/or aircraft exercises. This system is radar-reflective, yet it allows the wind to pass through the fabric and frame so that the target stays in place.

### KEY FEATURES:

- 2-man portable and deployable
- Easily transported in light duty vehicles
- Affordable
- All-weather “pass-through” fabric with sturdy aluminum framework
- Quick set-up and placement
- Accurate, full-scale visual fidelity
- Realistic, long-lasting thermal signatures
- MILES/MITS compatible
- MMW detectable
- Use with TWGSS/PGS
- Optional EW threat emitter for added training realism

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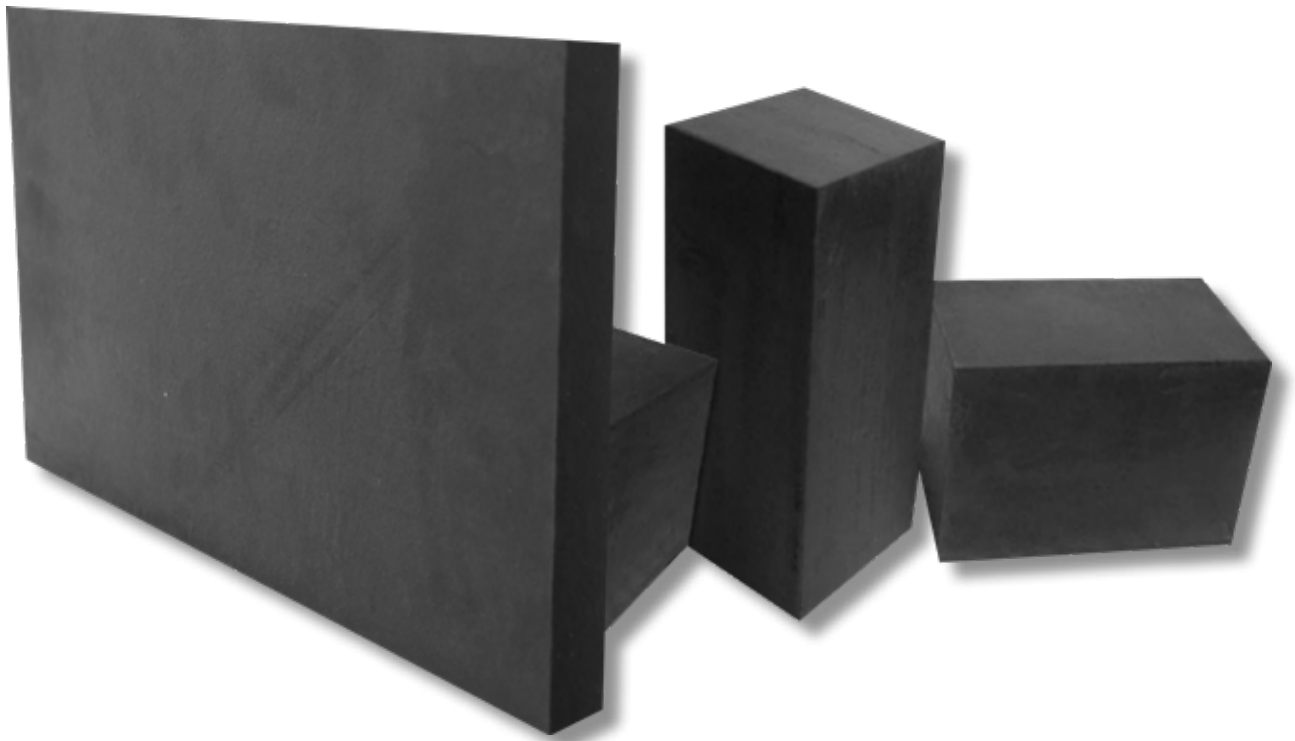
# Ballistic Rubber

## Range Safety Essentials

The ATS Targets' VULCAN™ Bullet Encapsulation Blocks, Ricochet Panels, Flooring, and Curtains are manufactured from high density, vulcanized rubber material. The VULCAN™ bullet encapsulation block is designed to stop bullet penetration (i.e., similar to a bullet trap) into infrastructure, ricochet, shrapnel “back splatter” and “bounce back” from rounds fired at close range.

### **BALLISTIC BLOCKS**

- Dense Bulletstop™ blocks lead the industry.
- Each block weighs only 43 lb. for easy handling.
- Bulletstop™ ballistic blocks can stop and encapsulate both low-velocity and high-velocity (i.e., 9mm, .357, .45, .308, 5.56, etc.) ammunition.



**Safety first. Always.**



## **BALLISTIC PANELS**

- ATS Targets' anti-ricochet ballistic panels lead the industry.
- Each panel measures 24-in. by 24-in. by 2-in. and weighs 48 lbs. for easy handling.
- VULCAN™ rubber panels are easily mounted to existing walls constructed of steel, wood, and concrete.
- Panels feature flat, paintable surfaces.
- The panel is not designed to stop or encapsulate bullets, but rather to stop the ricochet and back splatter from misdirected rounds or shrapnel from rounds fired at close range.
- All VULCAN™ ballistic panels can incorporate either our proprietary Safety-Seam™, or Flip-Lok™, which sharply reduces the possibility of an errant round passing through the “common seam” between panels.

- All VULCAN™ ballistic panels are manufactured from the same high density material as the ATS ballistic encapsulation blocks.

## **BALLISTIC CURTAINS**

- Use as back splatter protection in front of bullet traps or use as shrapnel protection for personnel and shoot house walls.
- It can provide layered protection by being hung in front of critical infrastructure.
- Use as shoot house and range anti-ricochet flooring.
- Each curtain measures 3/8-in. by 48-in. by 96-in. and weighs 80 lbs. for easy handling.
- With a pebble-textured surface on the “facing side” and a flat surface on the “back side,” the VULCAN™ rubber sheet is easily mounted to existing walls constructed of steel, wood, and concrete. When used for flooring, it provides traction and ballistic protection all-in-one product.

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# Knee Walls

## Ballistic Range Equipment Projection

The ATS Targets' VULCAN™, fully-vulcanized anti-ricochet ballistic rubber panels backed by 3/8-in., 1/2-in., or 3/4-in. galvanized AR500 ballistic plate ensures the safety of your personnel and your equipment.

Vulcanized material, versus cold press/polymer bound material, has increased durometer, similar to an automotive tire, and is fully molded. As a result, it holds its shape indefinitely, eliminates back side "pop-outs," does not deteriorate in direct sun exposure, and is not degraded by freeze/thaw cycles making it ideal for outdoor use.

### SYSTEM FEATURES:

- Standard panel assemblies measure 30-in. tall and 8-ft. long (also available in any custom height or length).
- Available with ribbed acoustic texture.

- VULCAN™ 2-in. panels are offered in standard, Safety-Seam™, or Flip-Lok™.
- The ballistic rubber portion of this panel is not designed to stop or encapsulate bullets, but rather to stop the ricochet and back splatter from misdirected rounds or shrapnel from rounds fired at close range.
- The AR500 steel backer is designed to stop bullets. ATS Targets can assist in appropriate steel selection for various calibers.
- ATS Targets' VULCAN™ panels are built to last with industry-leading life and durability.
- Wall panels do not encapsulate the lead and therefore last much longer.







# Shoot Houses

## Live-Fire Modular (Mobile) Shoot Houses

ATS Targets' live-fire modular shoot houses feature designs that allow for future expansion and rapid reconfigurations. This multi-mission product enables agencies to grow from single modules to multiple modules to create live-fire Hogan's Alleys, urban streetscapes, villages, or even entire city blocks.

### HOUSES FEATURE:

- Safety First! 360° live-fire environments created with VULCAN™ ballistic rubber walls, flooring, ceilings, curtains, SafetySeam™ panels and CornerGards™.
- Reconfigurable walls, typically with a door in each, combined with a ballistic slider panel to change the layout in minutes.
- Quickly deployable with our floating foundation, no concrete pad needed, design, an ATS modular shoot house can be set up on any level piece of ground.
- No shrapnel Build-up with ATS Targets' Projectile Absorption Space System (PASS)™ ensures no buildup of shrapnel and projectiles between the VULCAN™ ballistic rubber panels and steel walls. This also reduces lead abatement challenges with spent panels.
- No maintenance VULCAN™ ballistic rubber panels are 100% waterproof, temperature stable, and UV resistant.
- No auxiliary traps are needed since every wall is a bullet trap! This frees up precious shoot house space for training.
- Modular, indoor and outdoor, stair-clearing towers are available.



# Construction

## Building Turn-Key, Ready-to-Train Ranges

ATS Targets has been a leading range designer and builder for decades, providing built-to-last, turn-key, ready-to-train systems for military and law enforcement agencies. Our ranges are designed to be installed in any environment ranging from arid to humid, and moderate to harsh.

Not sure what you need? Contact us today and let our team of experts and engineers come along side and help you meet your training goals.

Our designs focus on safety, reliability, flexibility and affordability by offering expandable and upgradable

products that give your agency the ability to enhance your equipment as your training needs progress.





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# About Us

## ATS Targets (formerly Advanced Training Systems)

### OUR ROOTS

ATS Targets (originally Advanced Training Systems) was founded in 1973 to serve the law enforcement and defense training leaders with decision making targets. Since the inception and invention of the Duel-A-Tron®, ATS Targets has been building live-fire shooting ranges for military, law enforcement, and civilian security agencies.

Known for product quality, ATS Targets has developed an enviable reputation for corporate integrity and product innovation. ATS Targets is known for superior designs and durability with minimal service requirements. Over the decades, ATS Targets has developed multiple product lines serving our customers' key training needs along with several one-of-a-kind training systems to suit unique needs.

### OUR FUTURE

Today, ATS Targets assists in planning and building new live-fire shooting ranges, rehabilitating existing ranges, and developing innovative target training systems to enhance the realism of our customers' present firearms training programs.

ATS Targets offers three major classes of products:

- qualification shooting ranges
- tactical (or dynamic) target systems
- modular live-fire shoot houses

ATS Targets is committed to an ethical approach to each and every project. We insist that our products be functional, safe, and long-lasting. We believe every life is precious and valuable, and we manufacture products to ensure that peacekeepers are thoroughly equipped to make sound decisions when threats they encounter require lethal force.

**"HE TRAINS MY HANDS FOR WAR, SO THAT MY ARMS CAN BEND A BOW OF BRONZE."**

**-PSALM 18:34**

To assist government purchasers, ATS Targets offers all products and services under GSA contract (#47QREA19D0009) to help expedite government purchasing. Contact us today and let us help you meet your training goals.

**ATS**  
TARGETS 

# Industry- Leading Service & Support

Whether you need range upgrades, installation assistance, or service, ATS Targets can help. Call us today at (651) 429-8091 to schedule a field maintenance visit. We'll get your system up and going for an easy, no-hassle flat fee. Rates may vary by region. We service all types of ranges, range equipment, and targets on-site or at our service center.



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