



Modular Ranges

ARCAS™



CUSTOM. MODULAR. TURNKEY.

ARCAS™ Modular Ranges Deploy rapidly, requiring minimal infrastructure and permitting. Despite being modular, ARCAS™ offers a fully customizable gun range solution that includes not only the industry's best products, but all the standard amenities of a brick and mortar build. These include bathrooms, classrooms, full-length ranges and custom facades. Redefine the way you think about Shooting ranges with an ARCAS Modular range.

CAPABILITIES

Action Target has built thousands of ranges around the world over the past four decades. Our range products span every environment and meet the needs of the simplest and most advanced training facilities in the world. Action Target is a proven trusted partner in designing, building and supporting firearms training at every level.

CoverSix has been the go-to supplier of hardened modular structures to government and private agencies for more than 20 years. With extensive experience in modular construction and unique abilities to provide custom solutions across multiple industries, CoverSix commits its expertise to the next evolution of shooting range technology. Together, Action Target and CoverSix Introduced the ARCAST™ Modular Range consisting of three configurations to meet the industry's needs.

ARCAST™ MBL is a mobile chassis-mounted module built for the road. Fully portable, this range goes where it's needed and includes necessary options and features typical in any fixed-location range.

ARCAST™ EXT rapidly deploys with minimal infrastructure, providing up to three lanes and extending up to 100m in length. ARCAST ranges are constructed from ready-built modules that seamlessly combine for an unmatched finished product.

ARCAST™ DLX is scalable to meet specific project requirements with up to 16 lanes and up to 100m of shooting range distance. This deluxe configuration features an open-bay concept that does not require vertical supports mid-range and can be built with fewer modules than its competitors.



OUR PROCESS

Action Target and CoverSix are the premier suppliers of modular gun ranges in the industry. We simplify and eliminate many on-site processes which expedites operational opening of a new range. In addition, our industry-leading warranties and long-term support ensure your range remains operating at peak performance. The unique and encompassing process we follow simplifies range development and allows range owners to focus on what's important – operating the range.

1

CONCEPT

We start each project by studying your site plan and reviewing your needs to determine a solution that fits your unique range.

2

DESIGN

Next, our team transforms the concept into a full architectural design including your range's equipment and finishes.

3

BUILD

When it comes time for production, ARCAS ranges are built right in our own factory –alleviating bottlenecks and ensuring the highest levels of quality possible.

4

INSTALL

Once completed, we deliver your building exactly where you want it and handle all of your installation needs to have you up and operational in as little time as possible.

5

OPERATION

After the install, our dedicated customer service team ensures your range continues functioning at peak performance.



EXPEDITED OPERATION

Choosing a modular range over traditional brick and mortar has its benefits, one being lead time. Due to the modular nature of ARCAS™, fewer permits and site preparations are required. No permanent foundation is required and utilities are easier to connect than a typical permanent facility. In addition, ARCAS modular ranges arrive on site nearly complete. Depending on size an ARCAS range, within 1-3 weeks the range is operational and ready for use. Customers typically are able to see a fully functioning range in under 9 months compared to over 18 months with traditional permanent structures.

MODULAR

VS

TRADITIONAL

MODULAR

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

MONTHS

BRICK +
MORTAR

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

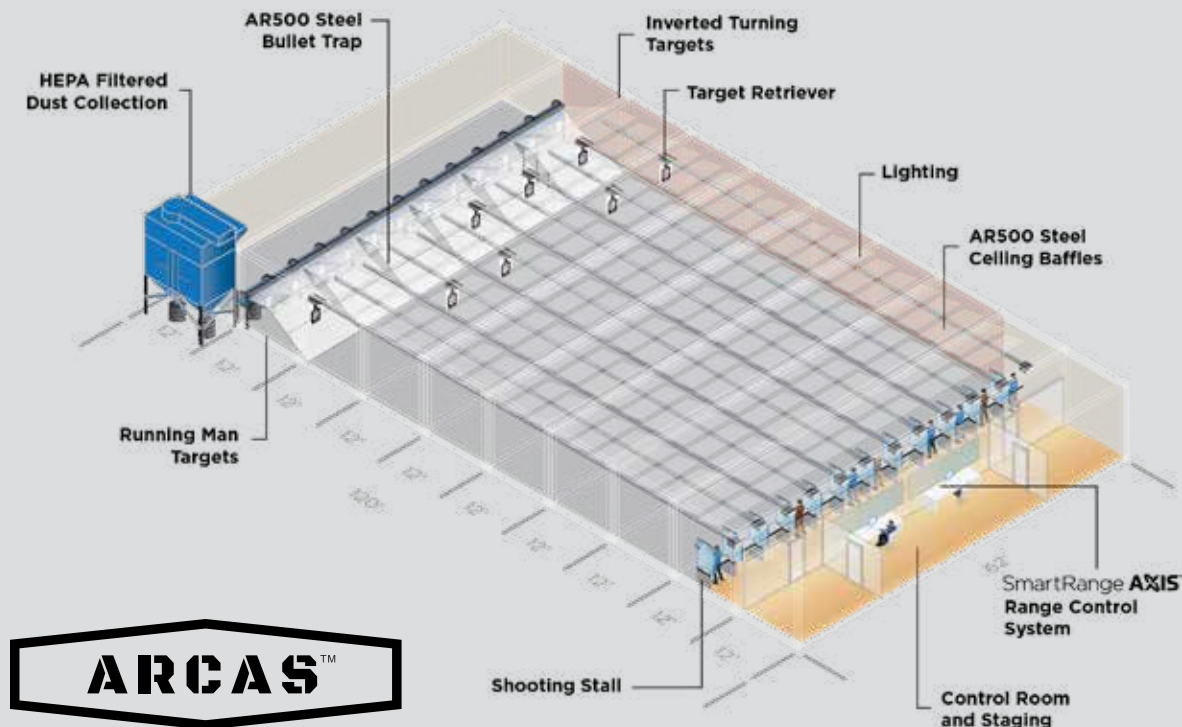
MONTHS

UP TO 50% FASTER TO MARKET

MODULAR BENEFITS

Modular building does not come at the cost of features, design or quality. Weather-tight, interlocking modules create a framework designed to support all of the necessary equipment on the range, with the same expectations one would place on traditional construction methods. ARCAS™ is a custom-designed structure to compliment range features and options common to brick and mortar builds.

- Floor to ceiling AR500 steel
- Ventilation
- Steel or Rubber Bullet Traps
- Target Systems
- Shooting Stalls
- Advanced Range Controls
- Sound Treatment
- Range Lighting



EXTERIOR FINISHES

As each ARCAS is made-to-order, exterior colors can be chosen to complement any environment. In addition to the standard corrugated steel exterior walls, flat panel steel, brick and stucco options are also available, as well as options to match existing roofs and architecture or to create first-in-class aesthetics. Once delivered, projects can be assembled and commissioned in weeks rather than months or years.

COLOR OPTIONS

Steel Blue - RAL 5019



Fire Red - RAL 3001



Reed Green - RAL 6013



Signal Gray - RAL 7004



Desert Tan - RAL 1002



Custom Colors Available



UNCOMPROMISING LAYOUT

ARCAS™ module designs supports qualifying shooting range distances of 25 - 100 meters, up to 5 foot-wide shooting lanes, and up to a 16 lane range. Using CoverSix's purpose-built structures that support every component, mid-range structural supports are eliminated to provide a genuinely tactical training environment of uninterrupted space. The inside of an ARCAS range offers the same shooter experience as a standard brick and mortar build.

ADVANCED EQUIPMENT

Get industry-leading equipment to meet training requirements from an uncompromising selection from Action Target including steel or rubber berm traps, target retrievers, lateral running man targets, fixed turning targets and industry-leading ventilation.

COMPLETE CUSTOMIZATION

The ARCAS modules are custom designed and purpose-built, allowing literally any configuration desired. From classrooms and locker rooms to bathrooms and control rooms, customize ARCAS to meet your range needs and footprint.

RELOCATABLE ASSET

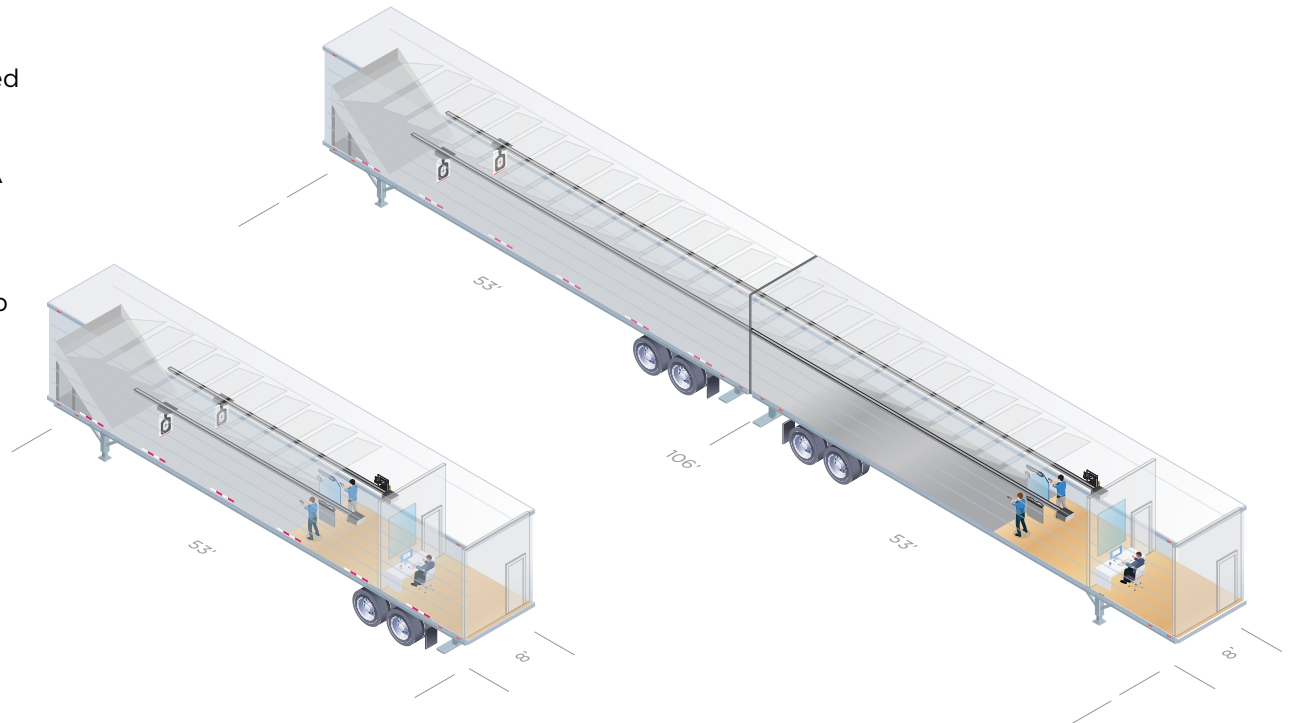
The modular structure of an ARCAS range allows owners to relocate the range at any time.





Mobile Design for Remote Training

ARCAST™ MBL is a self-contained firearms training range designed for long life on the open road. At 53' long, this module is designed for compliance with US DOT regulations while maintaining the strictest ballistic and environmental standards. The on-board HEPA filtered ventilation system exceeds OSHA and NIOSH standards. Sound treatment makes the sound of training comfortable inside and out. A single Arcas MBL can accommodate up to three shooters with a 7m or 10m training distance. The dual trailer configuration provides 25m training.



FEATURES

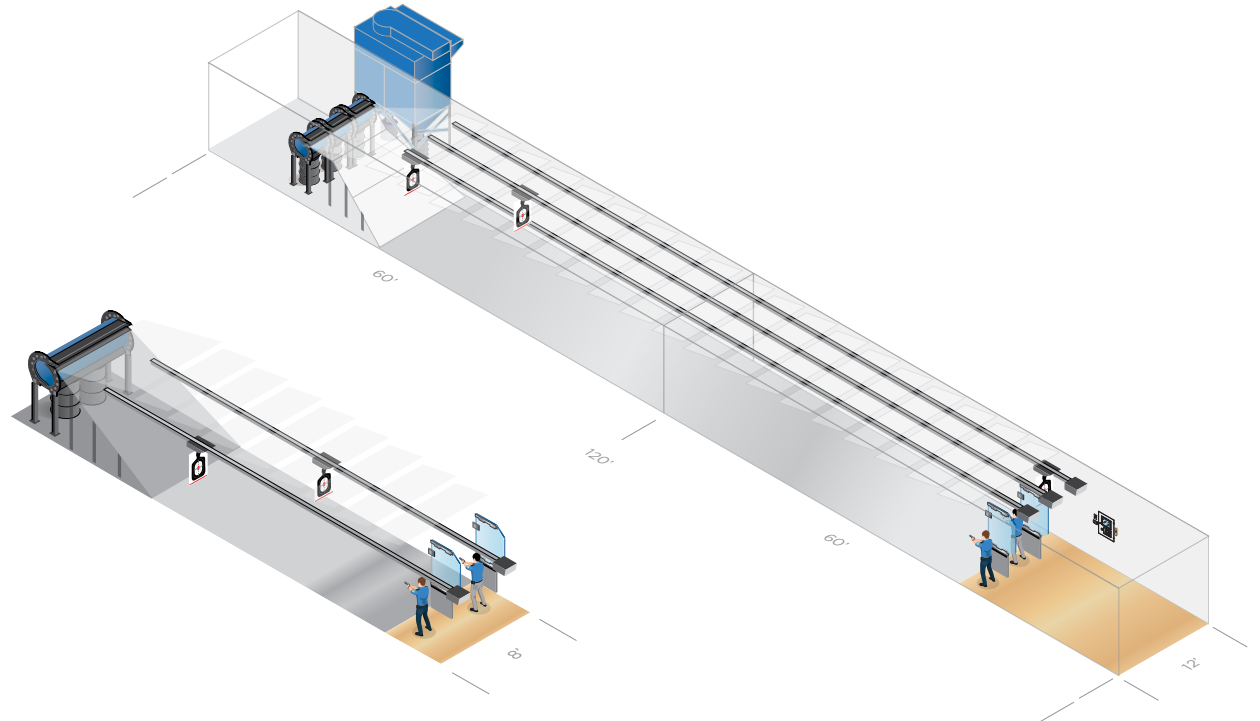
- 7m-25m Shooting Distances
- Pistol and Rifle Rated Options
- Integrated HEPA Ventilation
- US DOT Compliant
- Optional Range Master Room
- Rubber Berm Trap
- LED Lighting
- 3 Year Select Product Warranty





Single and Extended Modular Range

ARCAST™ EXT is designed to meet specific training needs. Single module and extended module configurations make it easy to achieve a range up to three lanes wide and 100m long. Each purpose-built module is made to order from new materials, never from re-purposed shipping containers. This ensures incomparable quality and longevity. Standard features include floor to ceiling AR500 steel for critical coverage, steel or rubber bullet traps, target systems, advanced range control, sound treatment and range lighting.



FEATURES

- 7m-100m Shooting Distances
- Rifle-Rated AR500 Interior
- Steel or Rubber Bullet Trap
- Multiple Target and Stall Options
- Optional Control Room
- Sound Treatment on Walls and Ceiling
- 3 Year Select Product Warranty



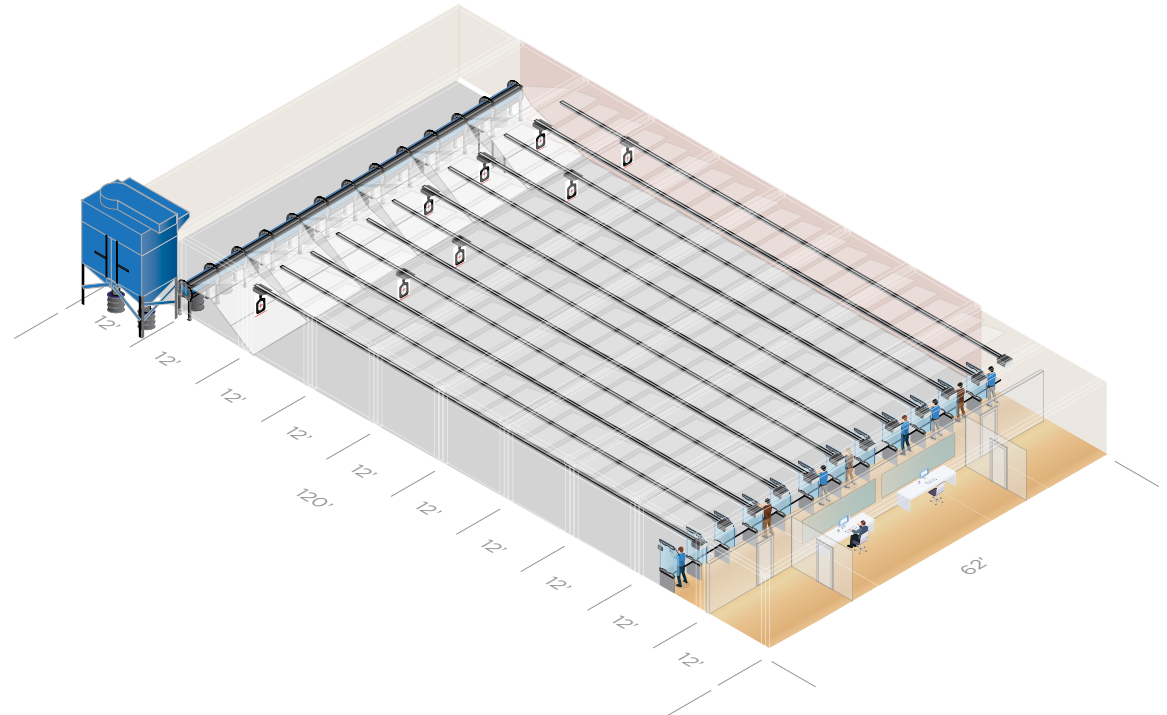


Custom and Open for Advanced Training

ARCASTM DLX is an improved way of providing a modular small arms range. By turning the modules perpendicular to the direction of fire and using CoverSix's purpose-built structures that support every component, mid-range structural supports are eliminated to provide a genuinely tactical training environment of uninterrupted space. The ARCASTM DLX module design supports qualifying shooting range distances of 25 - 100 meters, up to 5 foot-wide shooting lanes, and up to a 16 lane range. This design accommodates wider lanes and higher ceilings while meeting DoD Unified Facility Criteria (UFC) 4-179-02 for indoor small arms firing ranges and ETL 11-18 small arms range design and construction compliance. This range comes equipped to deliver your specific training requirements with Action Target's industry-leading equipment.

FEATURES

- Zero SDZ Ballistic Containment
- Meets Requirements of IBC, DoD UFC 4-179-02 and U.S. Air Force ETL 11-18
- Open Tactical Design
- 10 ft. - 13 ft. Inside Height
- Up to 5 ft. Lane Widths
- All the Amenities of Traditional Construction
- Customizable Range Equipment Options
- 25-Year Structure Design Life
- Reduced On-site and Transportation Costs
- 3 Year Select Product Warranty



RANGE EQUIPMENT AND OPTIONS

ARCAS™ is equipped with the following industry-leading equipment options to meet training requirements; including, advanced range controls, shooting stalls, target systems, bullet traps, lighting, ventilation, and ballistics, offer ways to customize the range to meet training needs.



SMARTRANGE AXIS™

Action Target Connected

SmartRange AXIS™ provides a central control system for operating and maintaining range equipment including Genesis and Pilot target retrievers, HVAC control, Turning Targets, Running Man (DRM Pro), and ventilation. Integrated features streamline training and range operation. In addition, SmartRange Axis may be connected to the Action Target cloud for remote updates and service.

Lane Management

SmartRange Axis' Lane Management is second to none, offering the ability to enter shooters' names, assign unique permissions, and designate lane time limits.

Unique Permissions

User profiles are created by ranges and assigned to shooters. Each user profile carries unique permissions for program access and editing, lighting control, and equipment features. Allowing ranges to tailor training.

Lane Time

Assign a specific amount of time to a shooter. Once they are in their lane and begin their session, the lane time starts counting down. When their session ends, the carrier automatically returns home.

Target Retriever Control

Take control of one or multiple lanes with SmartRange Axis' Retriever Control. This allows trainers and staff personnel to manually control or run programs and time drills in sync across multiple lanes.

Program Creation

Build dynamic programs and organize them by folder. Control exposure time, edge time, and cycle count. Or establish random parameters for a truly unpredictable and challenging training session.

Timed Drills

Set up and execute timed drills with customized target exposure times, cycle counts, and retriever speed for training or qualification.



RANGE EQUIPMENT AND OPTIONS

| SHOOTING STALLS

Action Target offers the most diverse shooting stalls with the highest safety ratings and most customizable options. Independent ballistic testing and advanced designs ensure that shooters stay safe and comfortable in your range. Various color options, attachable accessories, interchangeable ballistic panels, and multiple table options are available to customize your range. Available options provide ballistic ratings including UL 752 Level 3, 5, 7, 8, 9, 10 and European equivalents EN1063 BR4 (S), BR5 (S).



Defender



Guardman

| TARGET SYSTEMS

The range comes equipped with your choice of Action Target's industry-leading training target systems including the Genesis™ and Pilot™ target retrievers, Fixed Lateral 360 degree turning targets, DRM Pro™ Running Man System and reactive AutoTargets™. Information for these products can be found at www.ActionTarget.com.



Genesis



AutoTargets

| BULLET TRAPS

Action Target bullet traps are proven to stop bullets safely, reliably, and consistently in all conditions and for all calibers appropriate to your shooting and training needs. The industry-leading steel Vortex™ Trap decelerates bullets while making collection convenient. The innovative Rubber Berm Trap is clean and cost-effective, capturing projectiles whole and intact.



Steel Vortex™ Trap



Rubber Berm Trap



RANGE EQUIPMENT AND OPTIONS

RANGE LIGHTING

Lighting makes all the difference in a shooting range. Action Target has worked with lighting experts, range designers, and engineers to create a perfect lighting solution that includes adjustable brightness, ideal temperature, and optimal arrangement.

- Stall Lighting
- Downrange Lighting
- Staging Area Lighting
- Police Strobes



Range Lighting

VENTILATION

Action Target provides the industry's best ventilation systems that exceed environmental standards. We offer a complete package of integrated controls, air filters, and maintenance to ensure that the facility and the surrounding area are protected from the health concerns associated with lead exposure and other airborne toxins found in indoor ranges. All our innovative ventilation system designs exceed NIOSH, EPA, and OSHA air quality standards and are fully customizable to each particular range installation.



Ventilation

BALLISTICS & ACOUSTICS

Safety baffles ensure errant bullets can't escape to the outside, providing ballistic protection to lights, pipes, ventilation ducts, and the building structure, while also delivering sound abatement, and a polished, professional appearance to the range. Baffles are specifically placed to provide critical coverage with ZERO surface or vertical danger zones. We use combinations of 1/4-inch, 3/8-inch and 1/2-inch AR500 steel on floors, ceilings and walls to safely contain small arms projectiles up to 7.62x51mm NATO M80 with a maximum velocity of 3,388 fps (1032 m/s) and a maximum muzzle energy of 3,600 ft/lbs. or 4880J. An array of fascia options are available for the ballistic containment surfaces.



Acoustic Tile



PEPP



Concrete Filler Board



SureStop™ Rubber

BALLISTIC CONTAINMENT

BALLISTIC RATING	CALIBER RATING	MAXIMUM VELOCITY	MAXIMUM ENERGY
ATI Class 1	Pistol	1,485 fps	1,175 ft/lbs
ATI Class 2	Rifle*	3,388 fps*	3,600 ft/lbs*

TYPICAL AMMUNITION SPECIFICATIONS

TYPICAL PISTOL AMMUNITION	WEIGHT & TYPE	MAXIMUM VELOCITY	MAXIMUM ENERGY
.22LR	40gr HP	1,060 fps	100 ft/lbs
9mm Luger	124gr FMJ	1,293 fps	460 ft/lbs
.357 Mag	158gr JSP	1,375 fps	663 ft/lbs
.40 S&W	180gr TMJ	1,000 fps	400 ft/lbs
.45 ACP	230gr TMJ	845 fps	365 ft/lbs
.44 Mag	240gr SWC	1,485 fps	1,175 ft/lbs

TYPICAL RIFLE AMMUNITION	WEIGHT & TYPE	MAXIMUM VELOCITY	MAXIMUM ENERGY
.22LR	40gr HP	1,260 fps	141 ft/lbs
5.56x45mm NATO	55gr FMJ	3,388 fps	1,402 ft/lbs
7.62x51mm NATO	150gr FMJ	3,025 fps	3,048 ft/lbs
.308 Win	150gr SPTZ	2,900 fps	2,800 ft/lbs
30-06	180gr SPTZ	2,900 fps	3,360 ft/lbs
300 Win Mag	190gr BTHP	2,900 fps	3,548 ft/lbs

The maximum velocity and energy values for the above pistol and rifle ammunition are provided for example purposes only and are not all-inclusive.

*Not rated for armor-piercing or atypical ammunition. Capable for use with .50 BMG rounds; however, these rounds shorten the life expectancy of trap components. Do not shoot .50 BMG from a fixed position or in automatic or short burst rounds.

BAFFLE FASCIA & SOUND ABATEMENT

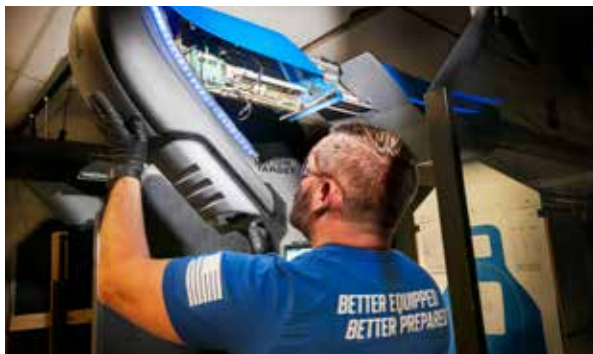
FASCIA	THICKNESS	NOISE REDUCTION COEFFICIENT	AVAILABLE COLORS
Acoustic Ceiling Tile	5/8 inch	0.55	White
PEPP	1 inch / 2 inch	0.45 / 0.70	White / Black
Concrete Filler Board	2 inch / 2 inch with foam backer	0.45 / 1.0	White
Standard SureStop Rubber	2 inch	0.35	Black
Acoustic SureStop Rubber	2 inch	0.65	Black

RANGE SERVICES

RANGE VISITS

Let our experts keep your range operating. Our job is not finished just because your range project is complete. Customized to your specific range needs, Action Target works with you to build a plan that determines the appropriate number of annual range visits your facility requires. These visits include a number of specialized services to keep your range running at peak condition.

- **PRODUCT INSPECTIONS** Our technicians thoroughly inspect your range products for wear and assess necessary service and maintenance protocols.
- **PRODUCT SERVICING** Any products in need of service are taken care of on-site. Be it electrical, pneumatic, or physical, our technicians have the skills and knowledge to restore equipment operation.
- **STAFF TRAINING** When our technicians are on-site, they are available to provide ongoing equipment training for your staff.



PARTS & MAINTENANCE

We provide resources to help you maintain your range. From maintenance schedules to operation and maintenance manuals, we ensure you are prepared to properly care for your equipment.

Protect Your Warranty

Performing all of the required maintenance is key to keeping your equipment under warranty. A regularly scheduled maintenance plan with trained Action Target technicians is the optimal way to make sure this happens.

Save Time

Many range operators simply don't have the manpower, expertise, or time to keep their equipment properly maintained. When lack of maintenance leads to equipment failure, critical operating time is lost. Whether your range is a training facility or a commercial operation, an Action Target maintenance plan will help you focus your time on the important business of running your range.

Parts

Action Target will help keep your range running at peak condition by helping you source the correct ATI parts for your range equipment when needed. Having an expert working with you can make the difference in how quickly a solution will be identified. When you have equipment failure, your dedicated territory manager will work with you to get things operational.

RANGE CLEANING

With staff and client safety as our top priority, we provide cleaning services to help you maintain a safe and clean range.

General

- HEPA vacuum:
 - Ventilation vents.
 - Floor and walls.
 - Ceiling and wall baffles.
 - Target retriever tracks.
 - Shooting stall soft surfaces.
- Maintain and clean your HEPA vacuum including filter changes as needed.
- Wet wipe shooting stall hard surfaces.
- Clean shooting stall glass.
- Remove, replace, and properly dispose of air filters.



BULLET TRAP CLEANING

Steel Bullet Traps

- Gather and dispose of bullet fragments, bullet jacket fragments, and other debris.
- HEPA vacuum:
 - Exposed surfaces.
 - The area behind the trap.

Rubber Berm Traps

Action Target offers the most efficient, comprehensive, and convenient rubber berm trap cleaning available. Our pricing is competitive and transparent, allowing you to maintain control of your metals value.

- **FAST AND EFFICIENT** Action Target has developed a proprietary process to efficiently clean your rubber berm traps with the safety and profitability of your range in mind, one Action Target Maintenance Crew can clean up-to 10-lanes per day.
- **PROPRIETARY EQUIPMENT** Our equipment ensures both minimal range operational downtime, with the ability of all of our equipment to fit through standard doorways, and industry leading lead recovery.
- **TRANSPARENT PRICING** Action Target uses a simple, transparent, all-inclusive pricing structure based on the size of your trap to give you the best return on your metals.
- **CONVENIENCE** We are fully OSHA and EPA compliant with our approved disposal procedures. We provide all the necessary containers, pallets, packaging, and other transport materials, simplifying your role in the process.

METALS RECYCLING

Recycling your metals with Action Target is easy and efficient. Simply contact Action Target to schedule a pickup. We will be there within 72 hours, at which time your London Metals Exchange (LME) spot pricing will be locked in. Lead and brass pricing is listed live at LME.com, the global center for industrial metals trading. We currently pay a competitive percentage of the LME spot price for metals.

Fast and Convenient Pickup

- The minimum pickup weight for the best price is only 4,000 lbs with no maximum limits.
- Total weight and quality is confirmed within 72 hours of receipt at our warehouse.
- The maximum pallet weight is 3,000 lbs for lift gate service or 4,000 lbs for forklift.

Simple Brass and Lead Packaging

We'll work with you to supply and customize a complimentary packaging system that best fits your range.

- Gaylord boxes fit through bay doors or man doors and hold 1,200 - 3,000 lbs of brass.
- 55-gallon drums hold 650 lbs of brass or 1,800 lbs of lead.



RANGE WASTE DISPOSAL

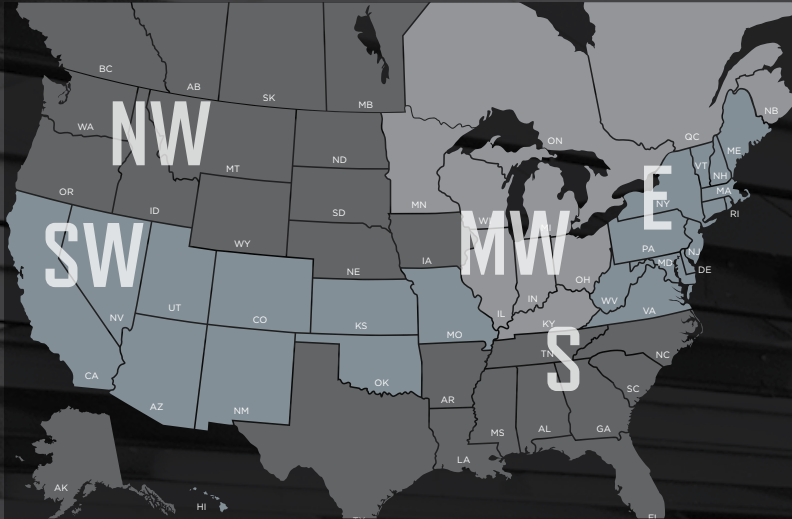
Range bi-products include recyclable hazardous materials such as collected lead dust, brass, and non-recyclable waste such as used PPE and contaminated filters. Ranges are required to properly recycle or dispose of these bi-products. Action Target can take care of this for you and will provide detailed documentation of our processes for proof of compliance. All you have to do is schedule a pickup and choose to receive the value of your recycled metals in the form of a check or credit for Action Target products and services. Action Target makes it easy to dispose of your contaminated range waste such as lead-contaminated filters and PPE. Action Target will pick up and dispose of HVAC and DCU filters for members of our Filter Disposal Program.

Compliant and Reliable Disposal

Action Target uses approved disposal procedures. Hazardous waste collection and disposal are strictly governed through EPA and DOT regulations.

- We provide proper disposal documentation, protecting you from potential fines.
- RCRA (Resource Conservation and Recovery Act) approved.
- OSHA and EPA compliant.

RANGE SALES



US/CANADA REPRESENTATIVES

NORTHWEST

Scott DeSanti | 801.705.9177
Action Target, Territory Manager
scottd@actiontarget.com

SOUTHWEST

Chris Hart | 801.705.9149
Action Target, Territory Manager
chrish@actiontarget.com

MIDWEST

Wyatt Davis | 801.396.1226
Action Target, Territory Manager
wdavis@actiontarget.com

SOUTH

Aaron Ludwig | 801.705.9132
Action Target, Territory Manager
aaronl@actiontarget.com

EAST

Rex Shields | 801.705.9144
Action Target, Territory Manager
rexs@actiontarget.com

US

Randy Tietzort | 316.867.8074
CoverSix, Business Development
randyt@coversix.com

US MILITARY

Kelli Cutler | 801.705.9111
Action Target, Territory Manager
kellic@actiontarget.com

Ross Draney | 361.650.9026
CoverSix, General Manager
rossd@coversix.com

INTERNATIONAL REPS

LATIN AMERICA

Kelli Cutler | 801.705.9111
Action Target, Territory Manager
kellic@actiontarget.com

CENTRAL ASIA/MIDDLE EAST/AFRICA

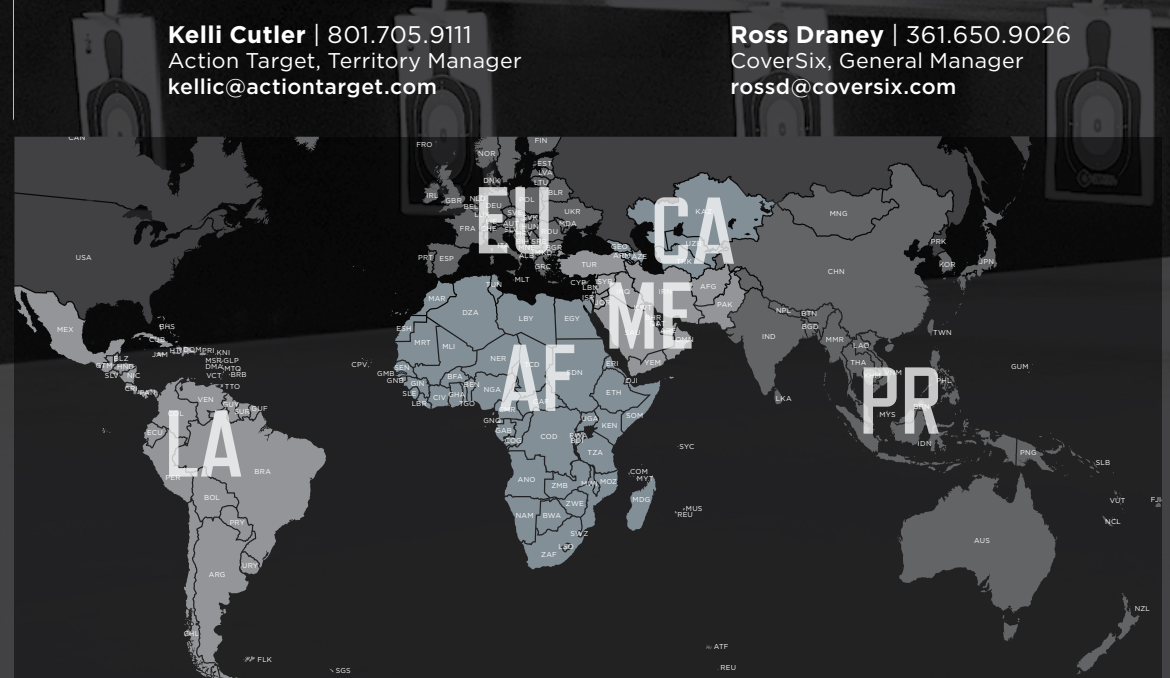
Jason Xochimitl | 801.705.9112
Action Target, Territory Manager
jxochimitl@actiontarget.com

PACIFIC RIM/EUROPE

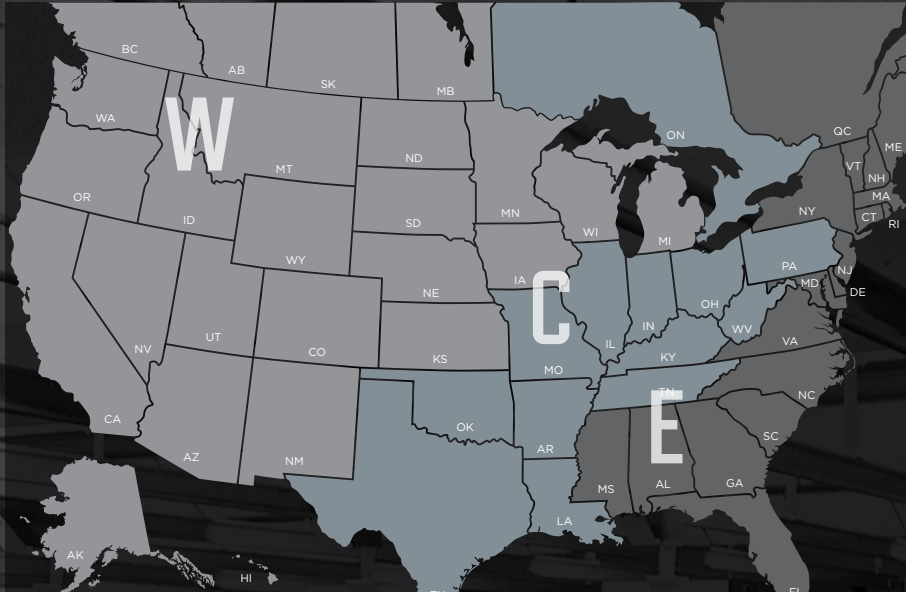
Stephanie Thomas | 801.705.9123
Action Target, Territory Manager
stephaniet@actiontarget.com

INTERNATIONAL

Kyle Bowles | +44-0-7903-55-15-29
CoverSix, Director of Sales
kyleb@coversix.com



RANGE SERVICES



TERRITORY MANAGERS

WEST

Jared Peay | 801.396.1221
Action Target, Territory Manager
jaredp@actiontarget.com

CENTRAL

John Rotolo | 801.705.9159
Action Target, Territory Manager
jrotolo@actiontarget.com

EAST

Donald Morrow | 804.334.8692
Action Target, Territory Manager
dmorrow@actiontarget.com

BUILD YOUR RANGE

Now that you're introduced to our products, it's time to take the next step. ActionTarget.com has a powerful tool that allows you to start building your own range. Check it out. **ActionTarget.com/Build-Range**

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3411 S Mountain Vista Pkwy | Provo, UT 84606
801.377.8033 | ActionTarget.com

     #ActionTarget

401 West 47th St South | Wichita, KS 67217
855.733.4827 | CoverSix.com

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