



# Product Catalog





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# Target Technology Since 1917



Odin Target specializes in cutting-edge indoor and outdoor shooting ranges for law enforcement, military, and private sector.

Odin Target's shooting range system is unique in design, function, and adaptability. Together with our partners, we deliver turnkey solutions all the way from design and construction to inspected facilities ready to use.

In Norse mythology, Odin was revered as the Allfather who sacrificed one of his eyes to know all things in the realms of gods and men. Yet, he was also a warrior feared by his enemies for his bravery on the battlefield and his willingness to fight for what he believed in. This duality made him God of both war and wisdom. Today we carry on that tradition as we combine technological development with the tactical capability to produce the most sophisticated shooting ranges on the global market. We design and assemble all core products in-house, and as a complete contractor and supplier, we can meet any demand for customized solutions or wholesale orders.

Our company was founded within the walls of a mechanical workshop that dates back to 1917. Initially, we were solely focused on developing shooting ranges and equipment for special forces units within Swedish law enforcement and military

sectors. For the past 20 years, we have operated as an independent company and the collaboration with the special forces continues on to this day as we develop new products to meet their unique demands.

Our history of technological advancement in product development makes our Shooting Range Solutions unique in design, function, and adaptability. In addition to the technologies we have developed for the shooting range, we have also focused on safety, shooter experience and environmental sustainability. This is why the air quality and working environment at our shooting ranges are significantly better than any other shooting range on the market.

Over 100 years of continuous development and a millennia of inherited Viking warrior wisdom have led us to this point. Now we proudly offer our products and services worldwide.







# Complete Shooting Range





From design and construction  
all the way to inspected facilities  
ready to use.

Odin Target Shooting Ranges are the most sophisticated shooting ranges on the market today. We construct both conventional single-direction shooting ranges and tactical shooting ranges with up to 270° shooting capability for advanced training scenarios. Every shooting range can also be tailored for a specific location or to suit your specific needs. We are a complete contractor for both indoor and outdoor shooting ranges and we design and assemble all core products in-house.

We hold several patents for the design and function of our unique Svalin Bullet Trap and Target Systems. Our unique design makes the shooting range both safe and environmentally friendly while also offering a world-class shooting experience.

We handle everything from design and construction all the way to inspected facilities ready to use. As a complete contractor, we guarantee that every single aspect of the shooting range meets the Odin Target standard for safety, quality, and durability.

#### **World-Class Working Environment**

A high-quality working environment ensures that the shooting range can be used for longer periods of time and that the health-risks normally associated with shooting ranges can be reduced to zero. Our shooting ranges offer the following features to ensure a world-class working environment.

- High-quality ventilation system – removes harmful particles from the air inside the shooting range. The air then goes through a HEPA filter before it is let out into the atmosphere so that no lead or gunpowder residue is released.
- Automatic lead dust and bullet residue clearing system – with our patented negative-pressure system inside the bullet trap, the lead dust from the impact is cleared out automatically. The bullet shrapnel is then collected, making it possible to recycle the metals from the bullets.
- Noise Canceling Facility Design – one of the biggest work environment problems aside from air quality is the sound pollution from the firearms. As a result of the design of our shooting ranges, the harmful noise from a fired gun or rifle is filtered away in the same manner as an echo is filtered from a sound studio. The noise canceling system also trains shooters to quickly identify threats.
- Tactical Shooting Range Floor Design – the floor in our shooting ranges is specially designed to enable tactical maneuvering and training. The softened material will both soften the impact and make it possible to perform repeated maneuvers with a significant decrease in risk for injury. At the same time, the floors are strong enough to drive an armored car that weighs up to 8 metric tons inside the range.
- The patented design of the Svalin Bullet Trap completely eliminates ricochets from the side. This allows instructors and observers to move around freely behind the line of fire without any risk of harm or injury.







### Low Maintenance

Odin Target Shooting Ranges are designed to withstand day-to-day tactical training by military and special forces using automatic rifles with ammunition up to caliber 7.62. This means that the shooting range can be used over long periods of time without shutting down for maintenance or cleaning of the bullet traps. That means less downtime and more active training.

The shooting range is designed with an automatic clearing system inside the bullet trap that continuously removes all bullet fragments and splinters from the bullet trap and stores them in a container. The lead from the container can then be collected and recycled. The target surface of the bullet trap is also covered with a self-healing ballistic screen that reseals once a projectile has passed through.

In the service agreement, we also offer inspection of the facilities two times annually to make sure that the security arrangements are up to date in all parts of the facilities including software updates and replacements of consumables.

### Advanced Distraction System

We offer the possibility to install a fully integrated state-of-the-art audiovisual distraction system in all our shooting ranges. The system includes a combination of built-in light panels, a powerful sound system, smoke machines, and a projector-based simulation-training system. The built-in light panels can recreate any time of day from bright sunlight to dusk or pitch

black with strobing blue lights recreating the environment of an emergency situation at night. This distraction system allows you to create a wide number of scenarios for training tactical situations and all distractions can be managed from any tablet with our custom software or from our Wireless Control Station.

The distraction systems can be tailored to meet any demand, so please feel free to state your needs at the consultation.

### Integrated Simulation Training System

A projection-based Simulation Training System allows you to practice true-to-life scenarios with multiple-choice situations. In our live-fire facilities, the simulation system turns the shooting range into an exceptional training experience, suitable for every need and adaptable to almost any scenario. The technology is based on a vivid HD projection system with a live-action feel and function, including bullet tracking sensors, making every scenario an exceptional training experience. The scenarios comprise prerecorded situations where actors play out a number of scenes with multiple outcomes. It is then up to the shooter to judge the situation and take the best decision possible in a stressful but safe environment. The system can also be used with blank ammunition where the laser system registers every hit. This makes the Simulation Training System suitable for all skill levels and adaptable for individual customer needs—all while focusing on the “train-as-you-fight” core principles.



### TECHNICAL SPECIFICATION

**Air Exchange:** 20 times per hour/every 3 minutes

**Filters:** 3-stage filtrating system, HEPA

**Inlet:** Air Wall with laminar air flow

**Outlet:** Multiple in ceiling and bullet trap

**Other features:** Heating/Cooling

Separate outlet system for range and bullet trap





# Indoor Shooting Ranges

Odin Target has unique expertise in indoor shooting ranges, managing everything from design and construction to inspection upon completion. We create conventional one-way and tactical ranges with 360° shooting capability, suitable for advanced training both indoors and outdoors. Our turnkey solutions include complete contracting services, flexible service agreements, and unique equipment developed in collaboration with Swedish military and police authorities.

Indoor shooting ranges are vital for firearm training, offering controlled environments for skill development. Ensuring safety, comfort, and compliance requires attention to air quality, soundproofing, and user experience.

Odin Target helps elevate your range to exceed the highest standards of safety and functionality, delivering a top-tier experience for your customers.

#### **Improved Air Quality**

Indoor ranges generate lead dust and other airborne contaminants. Odin Target improves air quality with state-of-the-art HVAC systems, HEPA filters that trap fine particles, and regular maintenance of ventilation systems to ensure peak performance.

#### **Optimized Soundproofing**

Excessive noise can harm hearing and cause discomfort. We optimize soundproofing with high-quality acoustic panels,

rubberized flooring to reduce noise, and hearing protection stations to ensure long-term safety.

#### **Improved Lighting**

Good lighting boosts visibility and safety. We offer adjustable LED lighting and target-specific illumination to enhance accuracy and minimize eye strain.

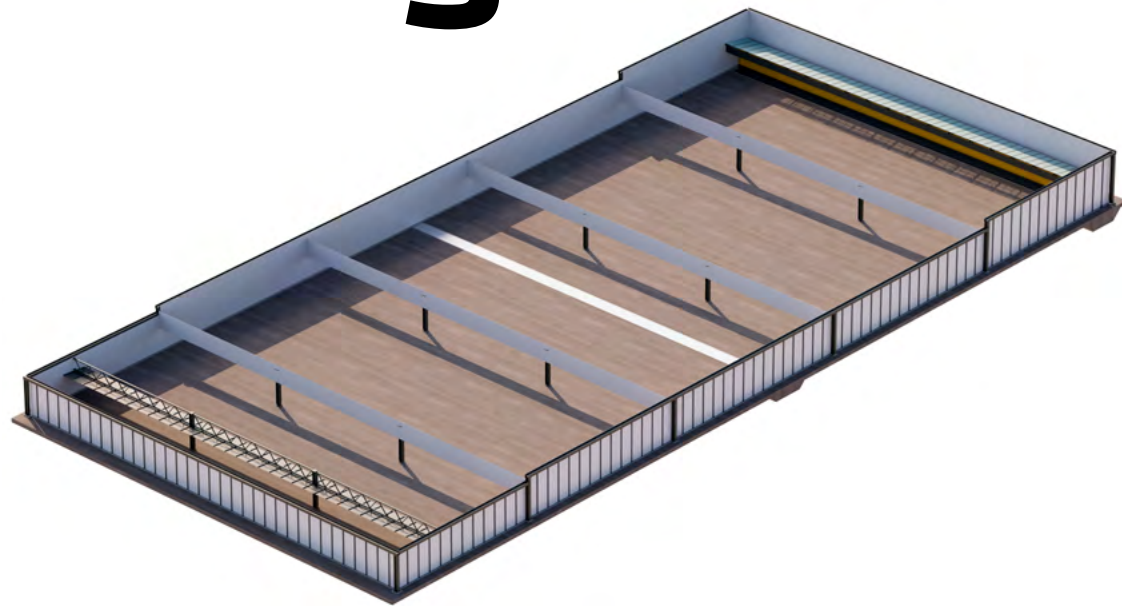
#### **Maximized Efficiency and Sustainability**

Odin Target's innovative technology improves range efficiency and sustainability. Our automated target systems and eco-friendly designs provide enhanced functionality while minimizing environmental impact.

Investing in an Odin Target shooting range is an investment in safety, efficiency, and user satisfaction. With our expertise, we ensure your range meets the highest standards of performance, setting it apart as a leader in realistic firearms training.



# Tactical Outdoor Range



In our Outdoor Shooting Ranges, we have used our verified technology for indoor ranges, weatherproofed it, and taken it outside. The combination of Odin Target patented technologies results in a 270° safe and environmentally friendly shooting range. Our efforts to keep shooters safe and decrease pollution to an absolute minimum have resulted in the most advanced outdoor shooting range on the market.

All targets and other equipment from our indoor shooting ranges can be brought out and installed in our Outdoor Shooting Range. This means that the outdoor range can be customized to suit your needs in the same unique way as our indoor ranges. We also offer a wide range of targets especially designed for outdoor use.

Our Outdoor range arrives at the site in prefabricated modules that are assembled without any welding techniques. Due to this technology, every single part of the range can be replaced if needed. Moreover, if the range for any reason has to be relocated, the entire shooting range can be dismantled, transported, and reassembled in the new location in a matter of weeks.

## Training

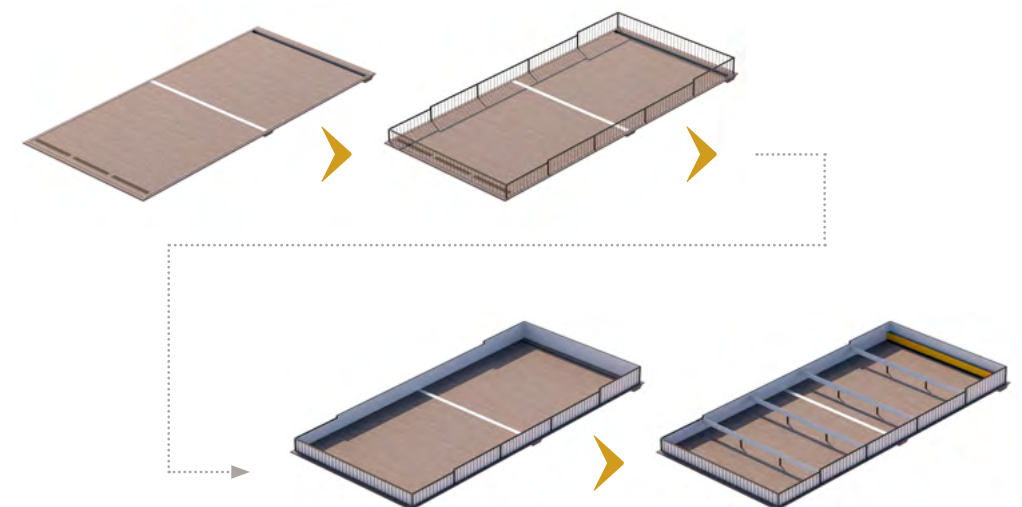
All training of instructors in handling target systems and bullet traps is done

in consultation with the client and is completed after all functional tests have been completed.

A review and training with property managers or the equivalent are done in the target system and the bullet trap functions and maintenance points in connection with the submission of final documentation for the plant.

## Documentation, consumables, and spare parts

Documentation of suitable spare parts and consumables will be handed over. A list of item numbers and designations will be produced. Service agreements can be included in the delivery. Complete and updated documentation will be handed over after the shooting range is approved and delivered.



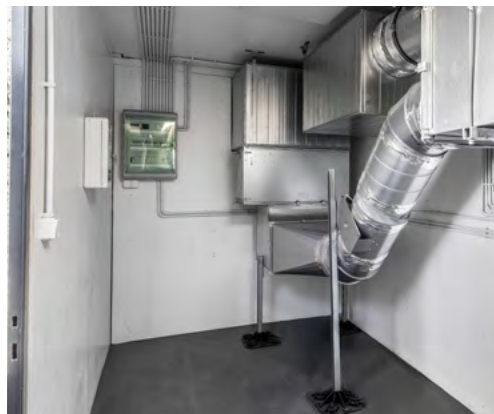




# Container

## Container-based Shooting Range Revolutionizing Training – anytime, anywhere

Take your firearms training to the next level with Odin Target's Container-based Shooting Range – the ultimate solution for agencies demanding mobility, safety, and cost-efficiency. Built to meet rigorous industry safety and ballistic standards, this innovative range lets you train with confidence, wherever the mission takes you.



The technical module features a state-of-the-art ventilation system with heating, cooling, and HEPA filtration. Additionally, it can be equipped with a power generator.

### Train anytime, anywhere

No permanent infrastructure needed – deploy it instantly in any location. From remote areas to urban environments, flexibility is at your fingertips.

### Built for Safety and Durability

Engineered to withstand heavy use while providing a secure environment for personnel and equipment.

### Cost-Effective and Efficient

Skip the high costs and delays of permanent construction. With our range, you'll save time and resources while boosting operational readiness.

### Perfect for Your Mission

Whether you're in law enforcement, the military, or private security, our container-based shooting range is designed to adapt to your needs. With Odin Target, your team can train smarter, safer, and more effectively.

### Ready to Transform Your Training?

Discover the freedom of portable, professional shooting facilities. Contact us to learn more, request a demo, or explore how we can tailor a solution for you.





# Shoot House

## Master the art of tactical training

The Odin Target Shoot House is more than a training facility – it's a battlefield brought to life, a modular system designed to adapt to your every need. Built for military precision and unwavering performance, this turn-key solution challenges you to think bigger, train harder, and push the limits of possibility.

### Built for Your Vision

No two missions are the same, and neither is the Odin Target Shoot House. Its modular design allows you to create the ultimate training environment, tailored to your exact specifications. Need reconfigurable layouts? Sliding walls transform the space in seconds. Training for breaching operations? Equip it with replaceable doors and windows for realistic entry scenarios.

An elevated instructor platform allows for complete oversight, ensuring every move is executed with precision. This isn't just a shoot house – it's your shoot house.

### Unstoppable in Any Condition

From searing heat to freezing cold, the Shoot House is built to endure. Designed for installation on a concrete slab, it operates year-round without mechanical ventilation, standing strong in even the harshest environments. Its lightweight roof withstands heavy rain, snow, and wind, while its bright-colored finish maximizes

natural daylight for improved visibility. Beneath it all, the floor system ensures a stable, slip-resistant surface in any weather. The Shoot House isn't just built to last – it's built to deliver.

### Armor That Delivers

Safety is non-negotiable. That's why the walls are made from Odin Target's advanced armored steel system, incorporating anti-ricochet layers and secure joints to create a 360-degree safe zone, meeting stringent safety requirements for calibers up to 338 Lapua.

Sliding walls and modular partitions ensure complete protection, even when layouts are reconfigured. The ventilated roof allows smoke to dissipate effectively, and the floor system is engineered to handle flashbangs and other training devices. For additional customization, the range can be equipped with Odin Target's Svalin bullet traps tailored to customer requirements.







# Svalin

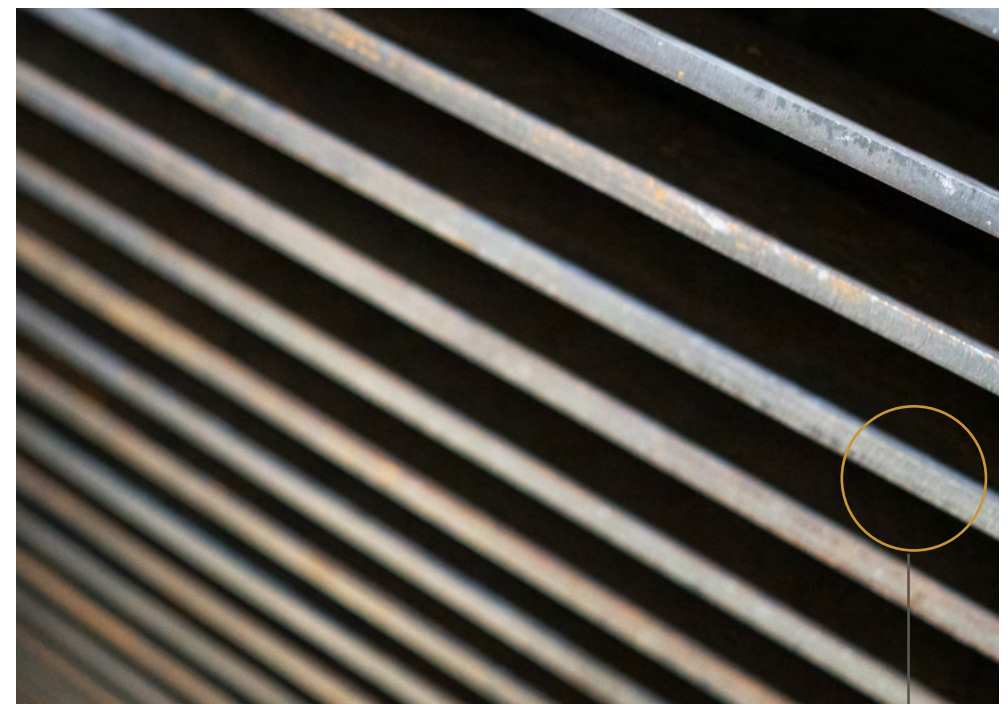
**Svalin Environmentally Friendly Bullet Trap  
is our patented bullet trap**

The unique design lays the foundation for our shooting ranges with unique possibilities and a world-class working environment. Svalin is designed to withstand day-to-day training with automatic rifles with up to caliber 7.62 and has been tested to endure hits with up to caliber .50.

The Svalin Bullet Trap is based on the reduction of kinetic energy. The design forces projectiles to change direction multiple times until it comes to a complete stop. The projectile then drops down to an automatic conveyer belt that transports the shrapnel away from the wall and collects it for recycling.

The surface of the bullet trap is covered with a rubber shield with a tensile elongation of 700%. This makes the rubber reseal after the projectile has passed through so that no splinter or dust is remitted back into the shooting area. All fragments and lead dust are then dispersed by our Unique Clearing System (read more below). The bullet trap also has a protective steel shield in the front, covered by a recyclable plastic material to protect from ricochets.

The patented design of the Svalin Bullet Trap allows a shallow installation depth of only 600 mm, permitting maximum shooting capability in any facility.



"The steel components of the bullet trap are designed to withstand at least 1,000,000 projectiles per m<sup>2</sup>."





"The patented design of Svalin Bullet Trap makes for a shallow installation depth of only 700 mm, allowing maximum shooting distances in any facility."

### Unique Clearing System

The bullet trap has a ventilation system that prevents fragments and dust from reentering the room where the shooters are. The ventilation has a system of filters



*The lead residue from the bullets is cleared away and collected automatically.*

in three stages that enables the outgoing air to be recycled in the main building's existing ventilation.

The scrap conveyor and the ventilation system are activated by an acoustic sensor which reacts when the shooting begins. They are then deactivated by a timer that can be set to 10-20 minutes after the last shot is fired.

### Low Maintenance

The steel components of the bullet trap are designed to withstand minimum 950,000 projectiles per m<sup>2</sup> without maintenance which means that the steel parts of the bullet trap under normal operation should be free of maintenance for more than 10 years. The bullet trap can withstand all types of ammunition up to caliber .50, except projectiles with armor-piercing shells (AP).

The rubber shields that protect from splinters are easy to replace when necessary. This can be done by regular staff at the shooting range.



*Scrap conveyor belt that transports the bullet residues to a container.*



*The bullet trap has a ventilation system that prevents splinters and dust from the projectiles to enter the shooting range.*

### Sound Proofing

The Svalin Bullet Trap is placed on polymeric cushions that prevent all vibrations and sounds from the bullet trap from leaking into the body of the building, making the bullet trap completely separate from the building in which it is placed.

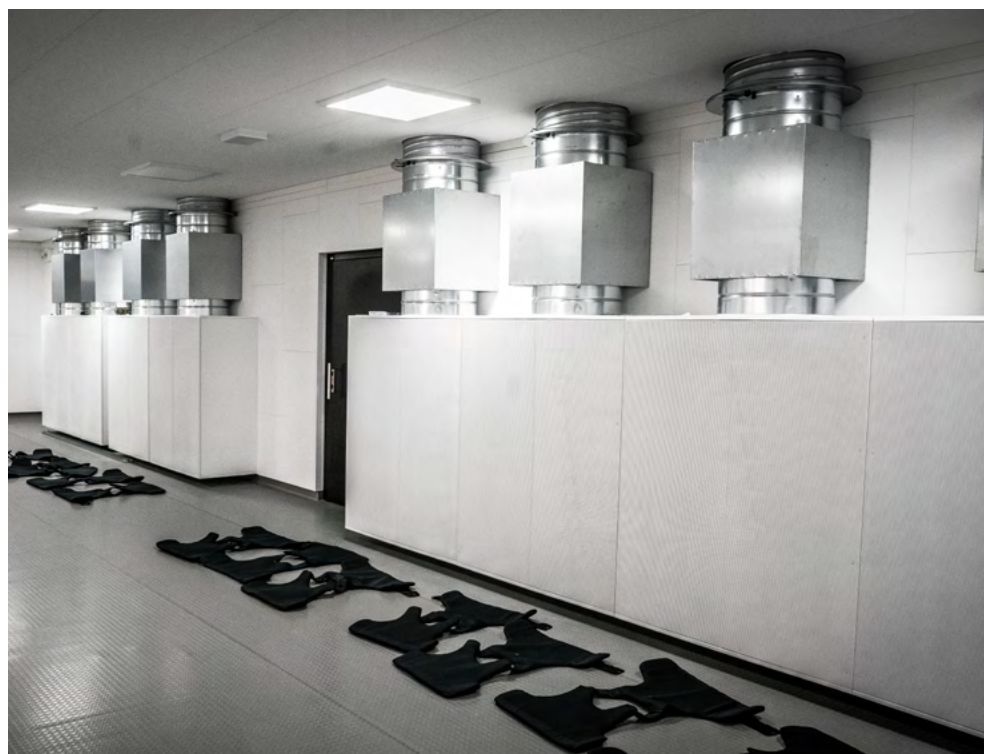
The only thing to consider is the sound of the weapon when it is discharged, the rest will be taken care of by the bullet trap.

### Adaptability and Function

The bullet trap is designed to cover all three walls in the shooting direction. The steel protection shields in front of the target system and the lower parts of the bullet trap are protected by a plastic shield.

The steel slats inside the bullet trap are attached to mounting poles in the rear wall of the bullet trap. The steel slats are pressed into the pole and no welding is used. In this way, the steel slat may be moved and adjusted to ensure evenly distributed wear over time.





The ventilation inside the bullet trap is based on a constant vacuum that is measured by a sensor and results in a constant airflow through the bullet trap. The lead dust is then caught in a three-stage filter system. No dust will leak into the room where the shooters are. That is

true even if the ballistic rubber shield is torn with visible holes. The noise from the bullet trap cabin is negligible. When measuring noise in existing shooting ranges the main part of the noise originates from the general ventilation of the room.

#### TECHNICAL SPECIFICATION

**Size:** 60 cm deep, height and width can be customized to the project requirements

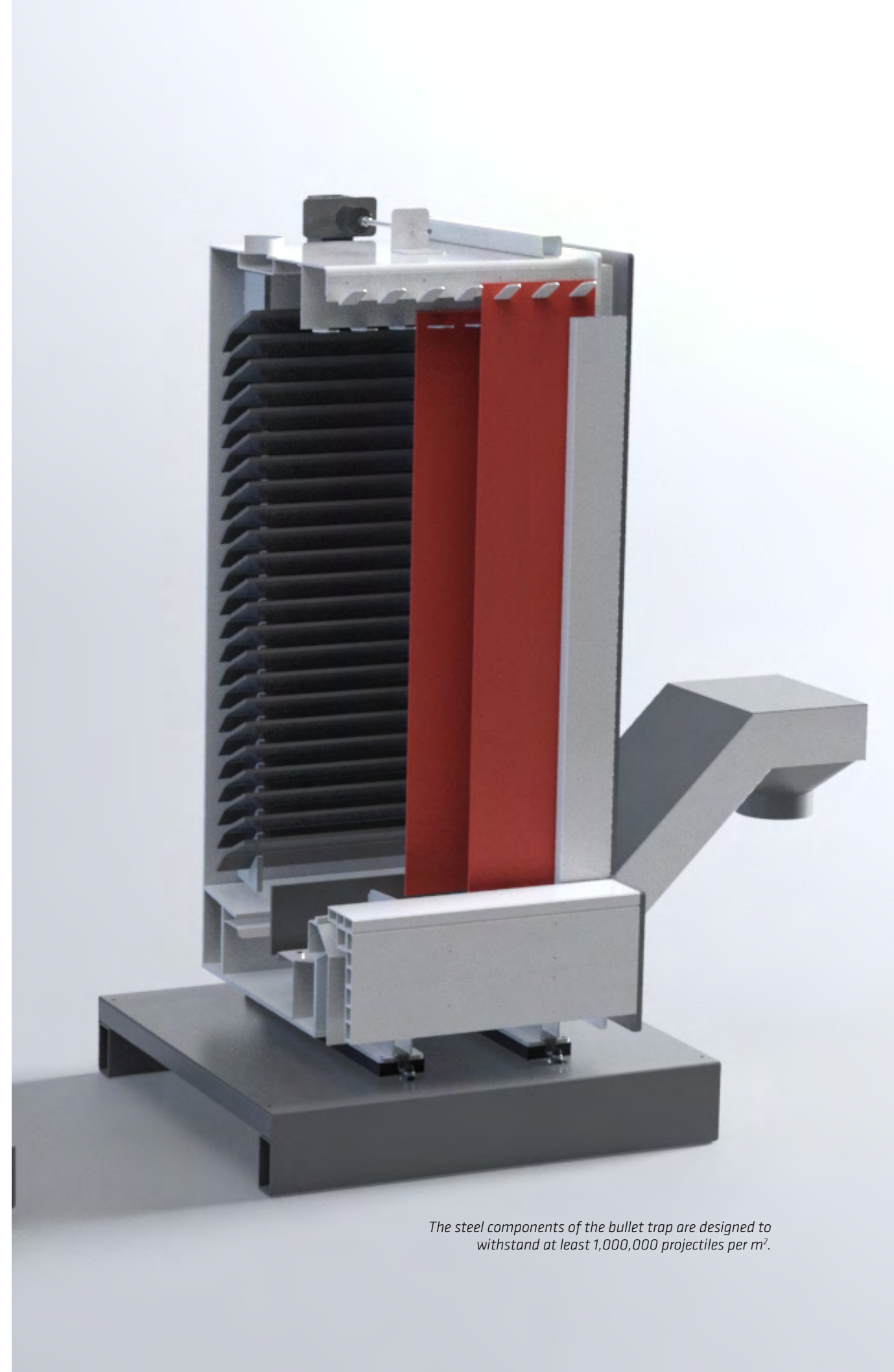
**Safety limits:** 15-160° shooting angle, 0 m "point-blank" distance

**Supported calibers:** Up to .50 B.M.G. (12.7 mm), FMJ

**Other features:** Automatic Cleaning System, maintenance free

**Warranty:** 10 years of maintenance-free work\*

\*Limited warranty depending on annual rate of fire, does not apply to consumables



*The steel components of the bullet trap are designed to withstand at least 1,000,000 projectiles per m<sup>2</sup>.*



# Mobile Bullet Trap

**Built on the same proven principles as the Svalin Trap, in a more compact and portable format.**

The Mobile Bullet Trap is the little brother of our renowned Svalin Trap. It was developed in response to customer requests for a durable yet lightweight and movable solution, ideal for use in Shoot Houses or other flexible training environments.

Despite its smaller footprint, it delivers impressive performance. The standard version is rated for calibers up to 7.62 NATO, with optional configurations available for calibers up to .50 BMG.

Integrated wheels enable easy relocation, and an outdoor version is also available.

#### **Safe and Efficient Projectile Containment**

The target surface is covered with a rubber shield featuring a tensile elongation of at least 700%. This allows the material to

reseal after the projectile passes through, effectively containing all splinters and dust within the trap.

The front of the trap is protected by hardened steel plates, which are covered with a recyclable plastic layer to reduce the risk of ricochets and improve environmental safety. Routine cleaning is simple—just open the side hatch for quick access. The rubber shields are consumable components and can be replaced in minutes by on-site staff.

#### **TECHNICAL SPECIFICATION**

Dimensions: 197 cm x 88 cm x 130 cm\*

Shooting window: 67 cm x 99 cm\*

Weight: 325 kg\*

Calibers: up to .308 or up to .50 BMG

\*Specifications apply to the standard version. Custom dimensions and caliber support available upon request.







# Moving Targets

Our Moving Target Systems are commonly installed as everyday targets in shooting ranges. Built on a versatile platform, they can be seamlessly combined to create a wide variety of training scenarios.

These systems are always in stock and available for worldwide delivery on short notice. Additionally, we offer the option to design custom solutions tailored to your specific needs, providing flexibility in form and function.



# Loke 180

## TURNING TARGET SYSTEM

Item Number: 500996

Loke 180 is a system of intelligent rotating targets. The targets have one friendly and one hostile side and can be combined to create realistic situations where the shooter will improve both reaction time and target identification abilities.

The targets are virtually soundless, and the rotation takes only 0.2 seconds. This is made possible because Loke 180 is powered by a 24 V circuit and does not use pneumatics anywhere in the system.

The targets are managed from a Wireless Control Station and can be controlled either individually or in groups, including randomized patterns. This gives

the instructor a wide range of possibilities to create complex scenarios for shooters of any skill level.

The Loke 180 works with most types of weapons; for example, pistols, shotguns, assault rifles, and sniper rifles. The system can be installed on the ground or on the rail and can be used with any paper, cardboard, or plastic target.



Loke 180 is controlled from a wireless station with easy-to-use software. The targets can be turned in groups or individually. The programming unit is wireless, and a wireless remote control is included.



The turning rotation takes less than 0.2 seconds and each target can be controlled in groups or individually.

### Built-in Lighting

Loke 180 also has built-in LED lights that can illuminate targets individually or in groups. The lights can be changed between four different colors to, for example, indicate "friend or foe" when the target is presented. This provides the ability to practice live-action decision-making and more realistic train-as-you-fight scenarios.

### Hit Sensors

Loke 180 can be equipped with hit sensors that can register up to 9 hits with the added function of turning the target away when the preset number of hits is reached.

### TECHNICAL SPECIFICATION

Size: L200 W130 H130 mm

Weight: 2 kg

Supported calibers: All

Power supply: 24 V, wired and/or battery

Communication: Wireless

Other features: Optional Location of Hit or Miss system, 4 different color lights to light up the target

Warranty: 60 months





Example of an equivalent facility in Sweden where LOKE 180 and Running Man and the fragment conveyor are included.

# Running man

## MOVING TARGET SYSTEM

Item Number: 500922

The Running Man system has been developed together with the intelligent target practice system Loke 180. With all targets individually programmed at speeds ranging from 3 to 12.5 km/h, you can create the training situations you have always wanted. Do you want to have your targets sneaking up, walking, or running? No problem. With the Running Man system, the possibilities are endless.



Unlike most similar systems, Running Man does not use pneumatics. The 24 V electronic system makes it virtually soundless. With the help of a PC or tablet computer, you can easily control each target individually. The easy-to-use Microsoft-based software gives you endless possibilities to create the scenarios you have always wanted. For example, you can program the system to change direction, accelerate or decelerate.

Together with Loke 180's turning targets and walls, you can create a situation where a target walks behind a wall. Seconds later a non-target comes running out from behind the same wall. This will train the shooter in making split-second decisions and identifying threats. A lighting system can illuminate the targets or generate a flashing red light when a non-target gets shot.

### Hit sensors

The targets can be equipped with sensors, making them fall after receiving a pre-set number of hits ranging from 1 to 9. The rails can be mounted either on the ceiling or on the floor.

### TECHNICAL SPECIFICATION

Size: L200 W130 H140 mm  
Weight: 2,5 kg  
Speed: 3 to 12.5 km/h  
Supported calibers: All

Power supply: 24 V, wired and/or battery  
Communication: Wireless  
Other features: Optional Location of Hit or Miss system  
Warranty: 24 months



# Target Retrieval System



## BASIC – VIDARR

Basic Target Retrieval was designed for the highest comfort and safety at the ranges. Built with high-quality components, focusing on functionality and durability. Basic Retrieval has been equipped with

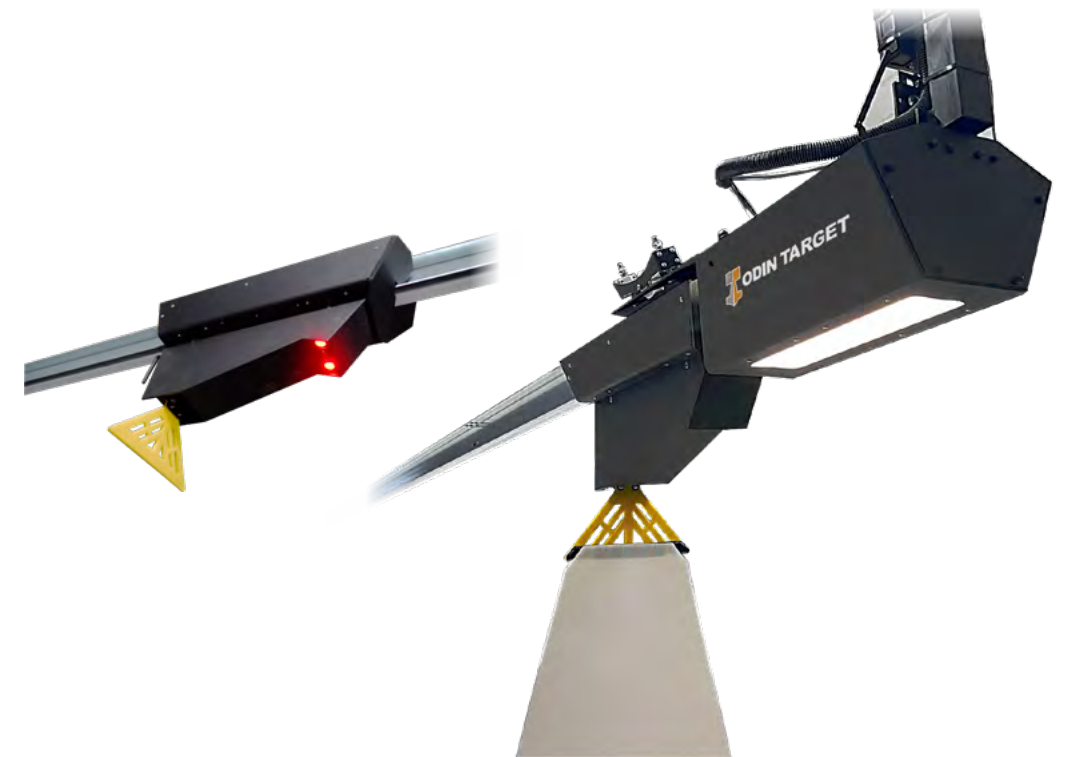
ballistic protection to enhance the resistance to unintended hits and ricochets. The retrieval system's outlook perfectly fits in the modern ranges.

- Basic Target Retrieval system for indoor shooting ranges
- Equipped with cover to minimize the risk of damage
- Powered by durable synthetic cable
- Non-ricochet target hanging system
- Modular rail system to ease the repair
- Can operate individually or in group
- Can operate based on scenarios
- Parameters adjustable even when moving:
  - Speed
  - Distance

### TECHNICAL SPECIFICATION

Speed: Up to 3.5 m/s  
Power: 240 V AC, ~1.1 A  
Communication: Wireless

Operation temperature: -20°C to +45°C  
Warranty: 60 months



## PREMIUM – THORR

Premium Cordless Target Retrieval was designed for the highest comfort and safety at the ranges. It guarantees a rich variety of possibilities. Built with high-quality components, focusing on functionality and durability. Premium has been equipped with ballistic protection to enhance the resistance to unintended

hits and ricochets. The retrieval system's outlook perfectly fits in the modern ranges.

Configurability and additional features such as turning target, target hit detection, RGB target illumination, and real-time hits preview camera takes the training out of the box.

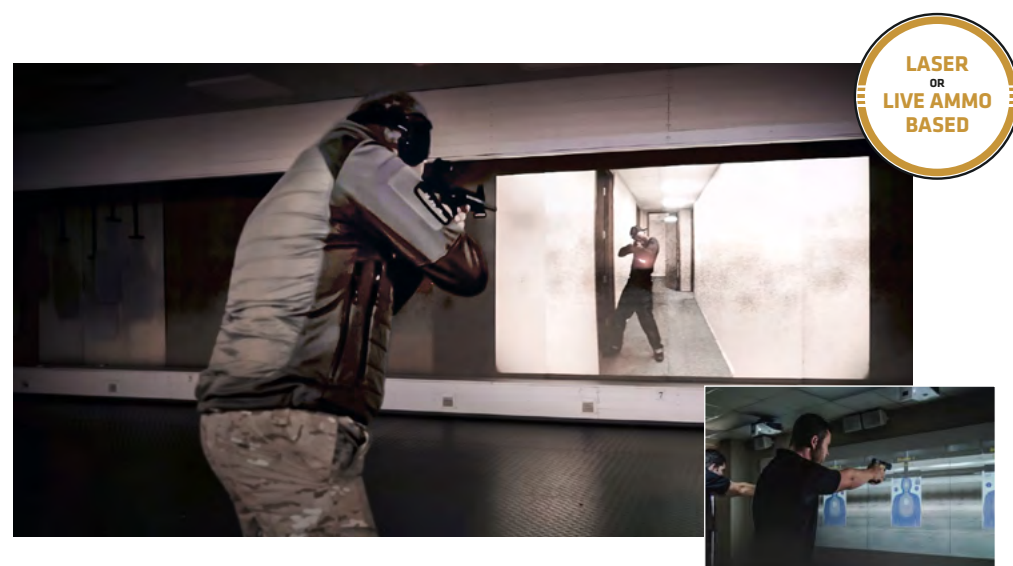
- Equipped with ballistic covers to minimize risk of damage
- Main features: 720 degrees (360 degrees each way) turning system, target illumination, built-in camera for target preview, target hit detection, magnetic target holder
- Can operate individually or in group
- Can operate based on shooting scenarios
- Adjustable parameters (also when in operation): speed, distance, brightness, strobe, color of the target's illumination, target's turning angle (friend, enemy, any)
- Powered with: 230 V AC
- Power: 200 W

### TECHNICAL SPECIFICATION

Speed: Up to 3.5 m/s  
Power: 240 V AC, ~1.1 A, 200 W, Battery  
Communication: Wireless

Operation temperature: -20°C to +45°C  
Warranty: 60 months





# Simulation Training System

Our Simulation Training System is designed to enhance shooting practice on every level. It can be used to learn safety rules and fundamentals. Law enforcement officers, military personnel, and sport shooters can all benefit from building up their shooting skills, such as speed, muscle memory, hand-eye coordination, peripheral vision, and more.

## Simulators can be delivered in two versions:

**LASER BASED** – IR detection camera that detects the virtual shots on the screen. This 100% safe trainer will prepare shooters for the live shooting at the gun range. It is a perfect solution to reduce costs or for the units without live fire range.

**LIVE AMMO** – this solution uses all the simulations from the virtual range but

With our video-based scenarios, shooters will experience realistic situations to practice split-second decision-making, reaction, and stress handling. When interacting with the scenario, shooters are constantly asked to make assessments about what action – verbal, non-lethal, or lethal – that should be used.

allows for practice with live ammunition. This solution will take the training to the next level and the training scenarios are virtually unlimited.

The Live Ammo system uses a thermal camera to detect projectiles penetrating the Svalin Bullet Trap rubber shield.

## EVERY SYSTEM CONTAINS:

High-quality Projector  
High-performance Computer  
Detection Camera – IR or Thermal

*All systems are delivered with appropriate courseware matching the customer's needs and choice of training weapons.*



# Range Led Light

Range Light was designed to ensure safety and comfort at the range. It was built with high-quality components, focused on heat removal to enhance the quality and life span of the LED diodes. The Range Light was closed with an extremely small casing, only 60 mm tall, which makes it extremely easy to fit in any range. It can be equipped with 1 to 5 diodes, allowing it to meet

individual requirements. LED technology lowers maintenance costs.

Range Light can be used as a part of the training scenario, illuminating only specific targets, specific shooting stalls, transitioning the lighting, or simulating the low light condition effects: shots, explosions, strobes, or lightning.

- Based on LED technology
- Control electronics based on microcontroller and current control
- High luminous efficiency and stream of LED diodes
- Fully compatible with RangeTech Master control system
- Adjustable parameters:
- Brightness
- Strobe frequency
- Strobe flash time
- Every diode can be controlled individually
- Can operate individually or in groups
- Can operate based on training scenarios
- Built with high-quality materials, mainly aluminum

*\* Please note:*

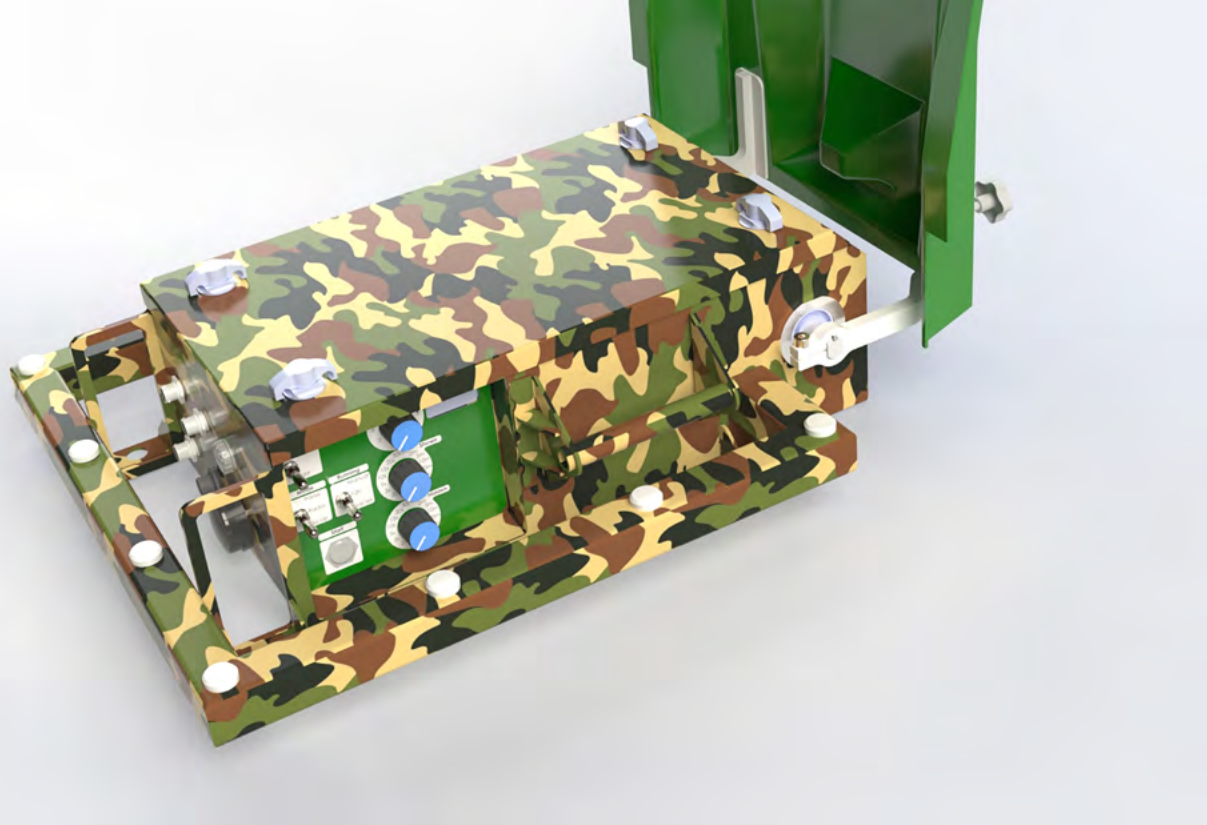
*Requires DC power supply, ~36 volts with regulation. Not included.*

| Type  | Power (W) | Stream | CRI | LED          |
|-------|-----------|--------|-----|--------------|
| 1 LED | 37,5      | 4 700  | >75 | 2828 COB LED |
| 2 LED | 75        | 9 500  | >75 | 2829 COB LED |
| 3 LED | 112,5     | 14 300 | >75 | 2830 COB LED |
| 4 LED | 150       | 19 000 | >75 | 2831 COB LED |
| 5 LED | 187,5     | 23 800 | >75 | 2832 COB LED |

## TECHNICAL SPECIFICATION

LED Voltage: 31-38 V  
Light temperature: 5 000 K





# Lomah

## LOCATION OF MISS AND HIT

Item Number: 502307

Odin Target presents LOMAH, an all-acoustic system engineered to locate hits and misses during marksmanship training. By combining a 12-microphone array with advanced time-of-arrival processing, LOMAH captures the acoustic signature of every round and pinpoints its location across the target area – without the need for surface scanning. The result is rapid, reliable impact mapping that gives both instructors and trainees immediate, actionable feedback.



### Key features

- Monitored area: 80 × 50 cm, delivering full target coverage in a single setup
- Spatial accuracy: up to 5 mm for fine grained shot placement analysis
- Shot detection: 97% probability within the coverage zone
- Sensor array: 12 calibrated microphones for robust triangulation
- Real-time processing: instant hit/miss maps to support live coaching

### Training benefits

- Instant visualization of hits and misses to speed up skill development
- Accurate scoring and drill analytics without relying on surface marks
- Effective even in low-visibility or rapid fire conditions
- Compact design, deployable for range bays, mobile training units, or classroom debriefs

### TECHNICAL SPECIFICATION

Coverage area: 80 × 50 cm

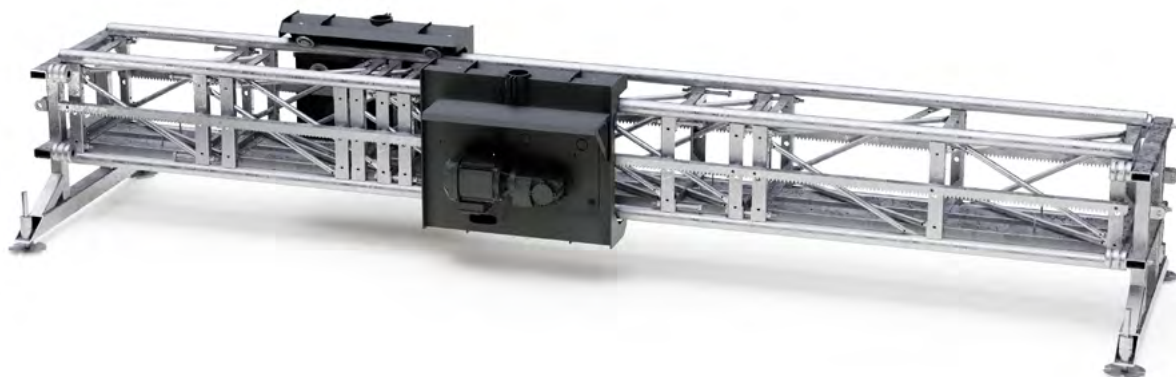
Localization accuracy: up to 5 mm

Shot detection rate: 97%

Acoustic sensors: 12 microphones (time-of-arrival processing)

Primary purpose: Acoustic detection and localization of hits and misses on training targets





# Sleipner

Sleipner heavy target carrier has been developed in cooperation with the Swedish military special forces. It is designed for simplicity, reliability, and stability and can withstand all conceivable weather conditions, from -40°C to extreme heat up to +50°C including blizzards or heavy rain.

Sleipner can be equipped with either our more advanced electronic targets or simple heavy dummies of troops, vehicles, tanks, or other armored targets.

The system has no advanced controls and is easily operated with a modern handset.

The system has both manual and automatic mode, and can operate at speeds from 0-20 km/h. The advantage of the simple solution is that it is durable and easy to operate.

The system is installed in sections that can be combined to fit any facility or terrain.

## TECHNICAL SPECIFICATION

Weight: 30 kg/m

Speed: 0-20 km/h

Supported calibers: All

Power supply: 400 V

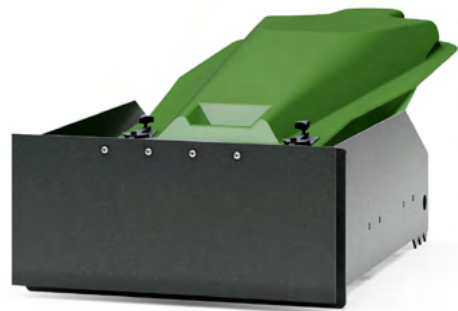
Communication: Wireless

Other features: Optional Location of Hit or Miss system

Warranty: 60 months







# Viking

Viking is an electronic pop-up target. It is fully programmable to create practice scenarios that match customers' needs.

The instructor can set features like: Stand-up time, delay time, face time, and number of hits required for the target to fall. Viking can be controlled individually or in groups. Thanks to advanced power supply, it can be fixed in a position or used as a portable target. Target will lie down after 1 to 9 hits. Viking can also be equipped with the Location of Hit or Miss system and the result of a shot is shown on the monitor at



the instructor station or shooter station.

The target can also be used as a stand-alone unit. The integrated battery power supply and lightweight design make it both mobile and practical. This way the target can be placed in the terrain for various training scenarios.

All the Odin Target targets can be controlled from a single Operator Station.

## TECHNICAL SPECIFICATION

Size: L350 W350 H150 mm

Weight: 10 kg

Safety limits: No

Supported calibers: All

Power supply: 24 V, wired and/or battery

Communication: Wireless

Other features: Optional Location of Hit or Miss system

Warranty: 60 months

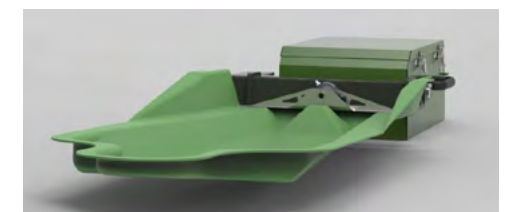


# Viking 180

Viking 180 is an electronic rotating pop-up target. It is fully programmable to create practice scenarios tailored to customers' needs.

The instructor can set such a feature like: Stand-up time, delay time, face time, and number of hits required to "kill" the target.

Viking can be controlled individually or in groups. Thanks to advanced power supply, it can be fixed in a position or used as a portable target. Target will lie down after



1 to 9 hits. If detailed feedback is needed, Viking can be equipped with the Location Of Miss And Hit system, and the result of a shot is shown on the monitor at the instructor station or the shooter's station.

All the Odin Target targets can be controlled from a single Operator Station.

## TECHNICAL SPECIFICATION

Size: L450 W275 H175 mm

Weight: 19 kg

Power: 24 V DC

Communication: Wireless

Other features: Optional Location of Hit or Miss system

Raise and Turn: 0,7 s

Turn:  $\pm 90^\circ$  within 0,4 s

Warranty: 60 months





# Balder

Balder is a moving target equipped with two pop-up steel targets (one friend and one foe) alternating between the left and right shoulder of the main target. The targets fall when hit and the cycle continues.



The target can be used for reaction practice, hostage situation training, target identification, and precise shooting drills.

The target can be handled by wireless control from the operating station, manually or in scenarios. It can also work individually or in groups of several Balder targets.

The pop-up target can rotate behind the torso and alternate between right and left shoulder.

The pop-up unit can also be used separately from the mounting pole and steel torso. The pop-up target can for instance be mounted in windows or door openings in scenario training facilities.

All Odin Target targets can be controlled from a single operating station.

## TECHNICAL SPECIFICATION

Height: 178 cm  
Weight: 90 kg  
Safety limits: No  
Supported calibers: All

Power supply: 24 V, wired and/or battery  
Communication: Wireless  
Warranty: 60 months



# Reactive Indoor Targets

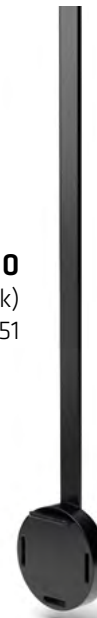
The indoor targets are durable, splinter-free, and recyclable.



**Plate Rack**  
Pistol  
Item Number: 111208



**Hanging Target Ø50**  
Pistol (Yellow)  
Item Number: 109733



**Hanging Target Ø50**  
Carbine Rifle (Black)  
Item Number: 501051



**Hanging Target Ø80**  
Pistol (Yellow)  
Item Number: 109735



**Hanging Target Ø80**  
Carbine Rifle (Black)  
Item Number: 501052





**Hanging Target Ø100**  
Pistol (Yellow)  
Item Number: 109732



**Hanging Target Ø100**  
Carbine Rifle (Black)  
Item Number: 501053



**Hanging Target Ø150**  
Carbine Rifle (Black)  
Item Number: 501054



**Hanging Target Ø150**  
Pistol (Yellow)  
Item Number: 109728







# Outdoor Targets

The outdoor targets are modular, durable, and recyclable.



**Auto-Popper Hound, Ø250**  
Sniper Target  
Item Number: 106193



**Auto-Popper - Pistol, Ø200**  
Item Number: 104232



**Auto-Popper - Pistol, Ø300**  
Item Number: 103320



**Auto-Popper - Carbine Rifle, Ø200**  
Item Number: 500985



**Auto-Popper - Carbine Rifle, Ø300 mm**  
Item Number: 501161



**Autoplate, Ø200**

Pistol  
Item Number: 500051



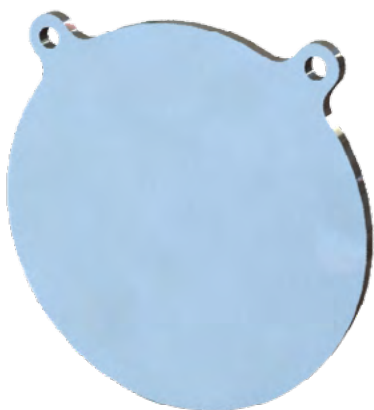
**Autoplate, 150x150**

Pistol  
Item Number: 500052



**Gong, Ø200**

Carbine Rifle  
Item Number: 500123



**Steel Target, IPSC B-BC zon**

Carbine Rifle  
Item Number: 500976



**Steel Target, IPSC Full Torso**

Carbine Rifle  
Item Number: 500975



**Steel Target, IPSC Classic**

Carbine Rifle  
Item Number: 501050





# Modular Target System

The Modular Target System is based on three segments – foot, pole, and target mechanism. The parts can be combined in a wide number of ways, creating many different possibilities for training. No tools are needed for assembly.

The Modular Target System is available for both pistol and carbine rifles.



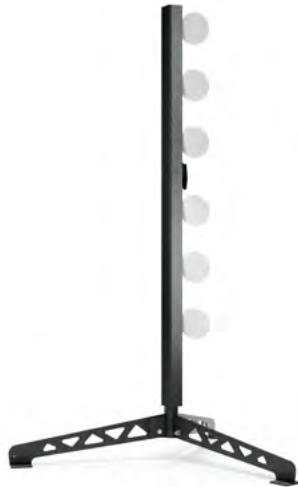
**Steel Target  
with Hostage at Shoulder**  
Item Number: 501000



**Steel Target, Ø200**  
Item Number: 501043



**Steel Target  
with Hostage, Middle**  
Item Number: 501040



**Duell Tree**  
Item Number: 501001



**Steel Target,  
IPSC Full Torso**  
Item Number: 501042



**Steel Target  
B BC zon**  
Item Number: 501041



**Steel Target  
Classic Target**  
Item Number: 501064



# Paper Targets



**IPSC-Target,  
Full Torso, Long Neck**  
Yellow print  
Item Number: 500974



**IPSC-Target,  
Full torso, Short neck**  
Yellow print  
Item Number: 500973



**IPSC-Target, Classic**  
Yellow print  
Item Number: 501045



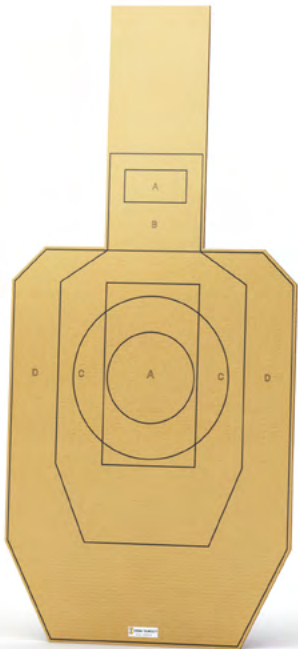
**IPSC-Target  
Full Torso, Short neck**  
Yellow print  
Water resistant  
Item Number: 501024

**IPSC-Target,  
Full Torso, Long Neck**  
Black print  
Item Number: 500993



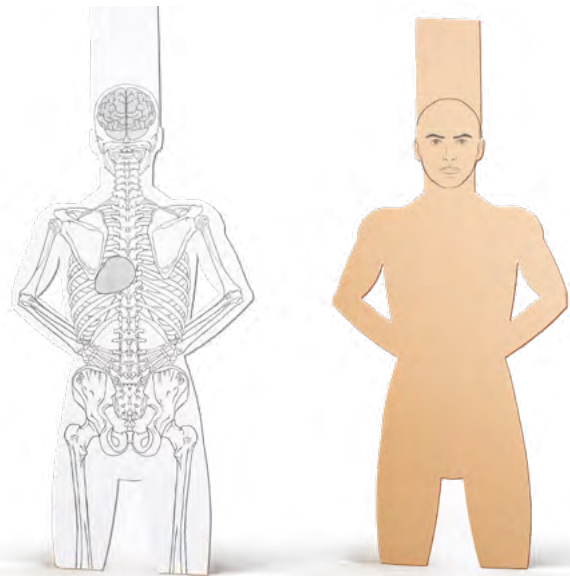
**IPSC-Target,  
Full Torso, Short Neck**  
Black print  
Item Number: 500992

**IPSC-Target,  
Full Torso, Long Neck**  
Black print  
Item Number: 500993

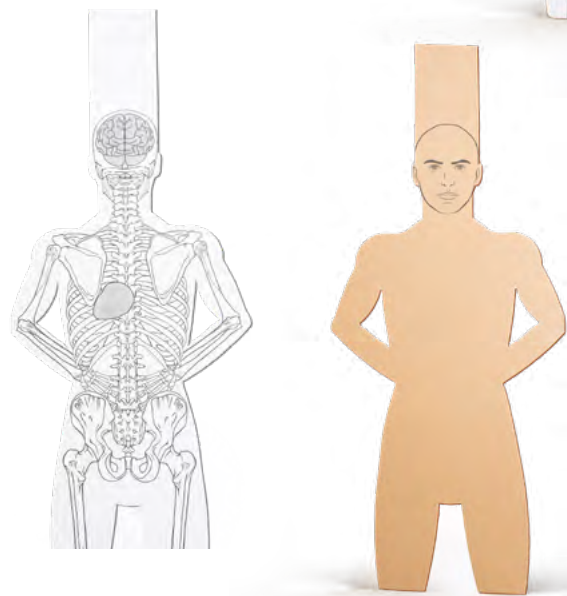




**Anatomic Target 3/4**  
1 340 mm  
Item Number: 501396



**Anatomic Target 3/4**  
1 900 mm  
Item Number: 501328



**Full Torso  
Long Neck, Model X**  
Item Number: 501165



**Competency  
Testing Target**  
Item Number: 501436



**Cover Tape, 19 mm**  
Item Number: 501022



**Cover Tape, 38 mm**  
Item Number: 501023



**Spray Glue**  
Item Number: 501297



We have  
more articles  
on our website  
[odintarget.com](http://odintarget.com)



# Clearing Trap



**Clearing Trap - Pistol**  
Item Number: 108656



**Clearing Trap - Carbine Rifle**  
Item Number: 110958







## A few words with our founder and CEO Peter Norman

### **What did you do before you started Odin Target?**

– I started out as an engineer and worked for the Scania Group for almost 20 years, where I held senior positions in production and sales. I was also involved in forming the new company Ferruform AB, which was owned by Scania and became a subcontractor to the transportation-vehicle industry in Europe. I was CEO there for five years and at our peak, I had about 1000 employees in the organization.

### **Why did you start Odin Target?**

– I've always been interested in new solutions for weapons handling and the training of military and police authorities. Since I have a background in industries that focus on high-performance steel, we have had the opportunity to develop many new products that were previously considered technologically impossible. Making the impossible possible is always an exciting process.

### **You have ongoing cooperation with the special forces within the Swedish military and police authorities. Why is that an important part of how Odin Target develops its products?**

– If you want to develop the best products, you should work with the most demanding customers. When we design new products, we always start out by asking what our clients' needs are and how the product is going to be used. The specialized units have the highest standards, and we work closely with them so that we can create products that meet their demands. Our cooperation with the special forces has been very important for our development and they are still some of our most valued customers.

### **You have just developed three new target systems. What does the future hold and what can we expect from Odin Target in the coming years?**

– Today we invest 20% of our revenue on product development. This ensures that we can constantly develop new products and solutions. If we take Sleipner as an example, the development of that target system began as a request from the Swedish military special forces. They needed a moving target for outdoor use that wouldn't be affected by bad weather conditions and could be used over long periods of time without maintenance. They were not happy with the existing target systems on the market, so we developed a new system that met all their requirements and expectations. And that's how we will continue to work in the future. We are constantly looking ahead and seeing how we can meet our customers' demands. That is also what gives us an edge over our competitors.

### **Odin Target has increased its presence on the global market, what are your plans for the future?**

– Sweden will always be our home, but as we keep growing, we're also looking to establish ourselves on the international market. We now have a manufacturing partner in Canada, and we also have sales representatives in the Balticum area, Finland, Poland, the United States, Canada, and the Middle East. I know from experience that it pays to invest in great people on your team and our organization is stronger now than it has ever been.



# Warranty and Service Agreements

## Warranty

All Odin Target products include a limited 5-year warranty as standard. Terms and conditions are agreed upon between Odin Target and the client.

The response time for warranty repairs and downtime is a maximum of 48 hours from the time we receive a written report.

A consignment stock of strategic components for carbon capture and target systems is stored in your facility during the warranty period. Consumables can also be included.

## Training

Training of instructors in handling the target system and bullet trap is performed in consultation with the customer and is performed when the systems have been fully controlled and tested. Briefing and training of the regular staff at the shooting range are done when the final documentation for the facility is delivered. The training concerns target system, bullet trap functions, and maintenance issues.

### Documentation, consumables, and spare parts

Complete and updated documentation will be provided after the plant is installed and approved.

A list of article numbers and names of suitable spare parts and consumables will also be provided.

### CE approval

All parts that are affected by the Machinery Directive will be CE marked, the parts that are relevant are Loke 180 turning target, Running Man running target, and fragment conveyor if the option is purchased.

**ISO Certified**

Odin Target is certified in accordance with the International Organization for Standardization. We are certified for both Quality management systems (ISO 9001) and Environmental management systems (ISO 14001).









**ODIN TARGET**

Shooting Range Technology since 1917

[odintarget.com](http://odintarget.com)