

**SHOOTING
RANGES
SINCE
90 YEARS**

**WELCOME TO THE
SPIETH FAMILY**



WELCOME TO THE **SPIETH** FAMILY

We at Spieth value our clients and as a warm thank you for reaching out we'd like to assure you that as a family owned and operated business with over 90 years of Shooting Range expertise your endeavors rest in great hands!

To further cement how much your business means to us here is a personalized welcome from the man himself!

*Thank you for your
business and your trust.
It is our pleasure to
work with you.*

-Karl Funk



OUR HISTORY

TRADITION



1934 SPIETH SHOOTING RANGE FOUNDED

Founded in 1934 by Ernst Spieth in Stuttgart Germany, Ernst Spieth GmbH began its journey. The Founder Ernst Spieth, a sports shooter himself, translated his passion into his profession.

1960 SPIETH OLYMPIC GAMES

Spieth became a supplier for national and international competitions and in 1960, it became the supplier for the Olympic Games in Rome.

HERITAGE

1999 FUNK COMPANY GROUP

In 1999, Spieth became a part of the Funk Bowling Group, known as a leading manufacturer of bowling lanes globally. The Funk Bowling Group remains family-owned by the Funk family.

2005 SPIETH HUNTING SHOOTING

The manufacturing program was expanded to include shooting ranges for hunting, particularly featuring fully automatic trap and skeet machines.

2008 SPIETH LAW ENFORCEMENT

In 2008, the product range expanded further, catering to the needs of police agencies. As a result, Spieth became a supplier to numerous police departments in Germany and Austria.



FUNK BOWLING AND ERNST.SPIETH
PRODUCTION,GERMANY

2024 SPIETH DEFENCE

In 2024, Spieth aimed to complete its product lineup with Spieth Defence, a product category intended to serve military shooting range needs.

OUR GLOBAL *Spieth* FAMILY



“

Spieth is an international manufacturer, with production exclusively in Germany. "Made in Germany" is a crucial cornerstone for us. We serve over 40,000 customers worldwide across 20 different countries. We're still consistently growing while remaining true to our family owned and operated roots.

”

ERNST. K. SPIETH GMBH
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PRODUCT CATEGORIES

OVERVIEW



SPORT SHOOTING

Our shooting ranges for sports shooters provide precise target exercises and a realistic shooting experience that meets competition standards.

We offer a variety of facilities tailored to the different disciplines and needs of sports shooters, from air rifles to long firearms.

HUNTING

Our shooting ranges for hunters enable realistic hunting scenarios and provide a safe environment for training and preparation for the hunting season.

We offer customized products that meet the specific requirements of different hunting styles and terrain types.

LAW ENFORCEMENT AND MILITARY

Our shooting ranges for law enforcement agencies and the military provide realistic training for tactical scenarios and operational situations, aiming to maximize readiness and safety. We develop specially tailored facilities that meet the high standards and requirements of law enforcement agencies, special forces, and military organizations. Through simulations of stress situations and operational scenarios, we assist authorities and the military in optimally training their personnel and preparing them for real threats.



SPORT SHOOTING

TRAP AND SKEET



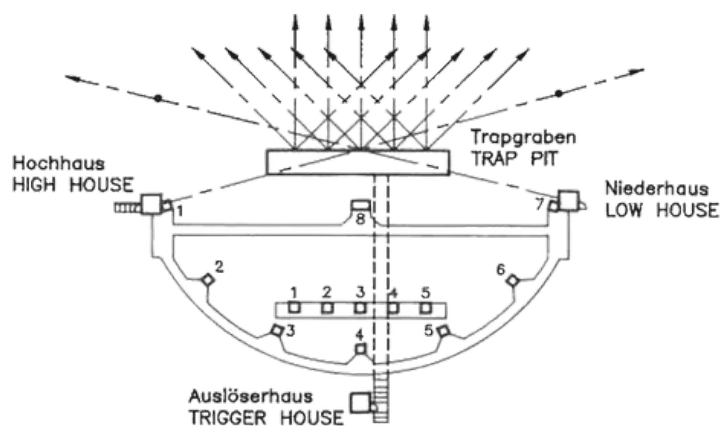
We have the longest experience in the construction of clay ranges for Sport and Hunting purposes in the world.

Modell 320 is concipated as Trap Machine with a magazin capacity of 320 clays, models 320s as Skeet Machine has an extended capacity of approx 400 clays as well as the Turbulence Machine.

All our machines have the highest possible precision in throwing the clay due to our long experience and the best possible manufacture with selected material. Adjustable special springs guarantee constant throwings from 55m up to 80m as per the rules of the ISSF.



COMBINE TRAP AND SKEET RANGES



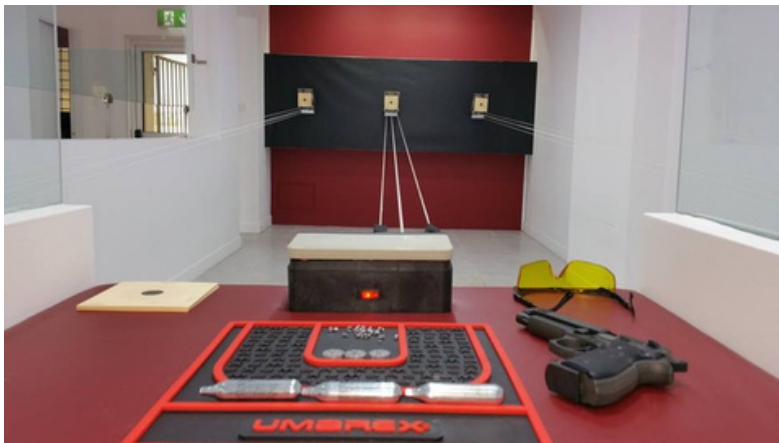
Trap- und Skeet- Schiessanlage kombiniert
COMBINED TRAP AND SKEET RANGES

SPORT SHOOTING

AIR RIFLE/AIR PISTOL 10M

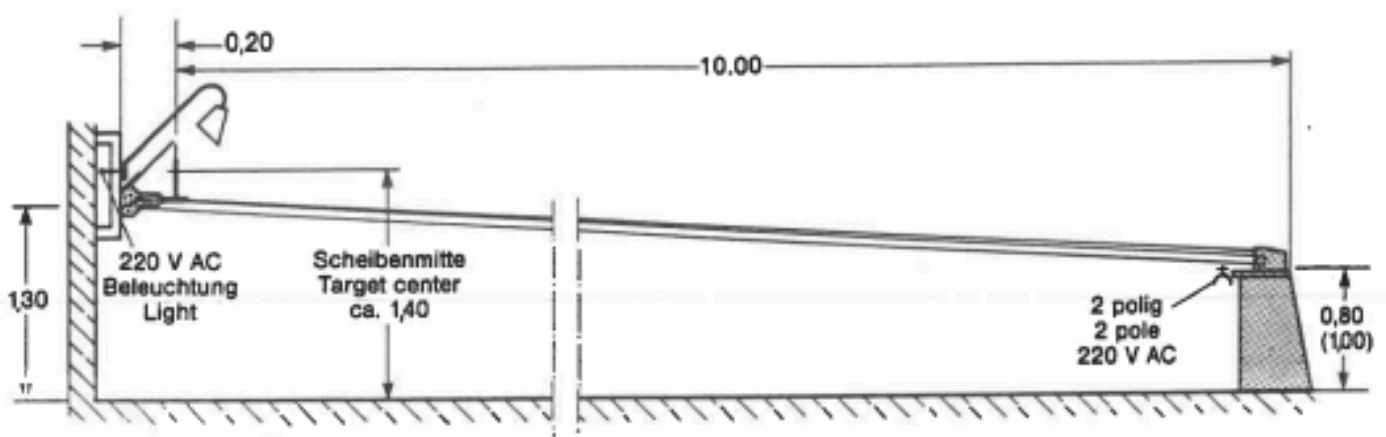


The Spieth target carrier system for air rifle and air pistol shooting is user-friendly with modern design. Features include a full-surface push plate for easy operation, integrated into a wall, and electronic control with motor shutdown at both wall and target. It allows immediate direction change and can be operated without remote triggering. The system facilitates easy hanging and removal of ropes with a clip. It accommodates shooting on various targets and offers easy emptying of the stainless steel bullet trap.



- ✓ NO EXPERT TECHS
- ✓ REQUIRING MINIMAL SPACE
- ✓ EASY USE FOR KIDS AND ADULTS
- ✓ QUICK INSTALL

SIMPLE SETUP, RELIABLE, EASY TO USE



LAW, SPORT, HUNTING



V-RAIL-RETRIEVER-SYSTEM 25M-300M

The Spieth-V-Rail Retrieval System is perfect for Sports shooters, Hunters and Law enforcement to practice from 25m to 300m. It offers adjustable stopping points at various distances such as 10m, 25m, or 100m, easily controlled by a button interface. Multiple units can be operated through a extra central control system. Constructed from robust, high-quality aluminum with added ballistic protection, the retriever moves along a durable aluminum V-Rail with reinforced chambers, ensuring resilience against impact.



- ✓ Special motor 230V/50Hz
- ✓ Special aluminium rails with V-profile, protecting the traction rope which runs inside from shots
- ✓ Mounting of the rails and drive at the ceiling with angles in Z-form
- ✓ Special target carriage with 4 carrying rolls and 4 adjustable guiding rolls, thus reaching a very smooth run
- ✓ The desired target height is reached by adjusting the length of the target carrier to the individual height of the room.
- ✓ Different target supports are possible



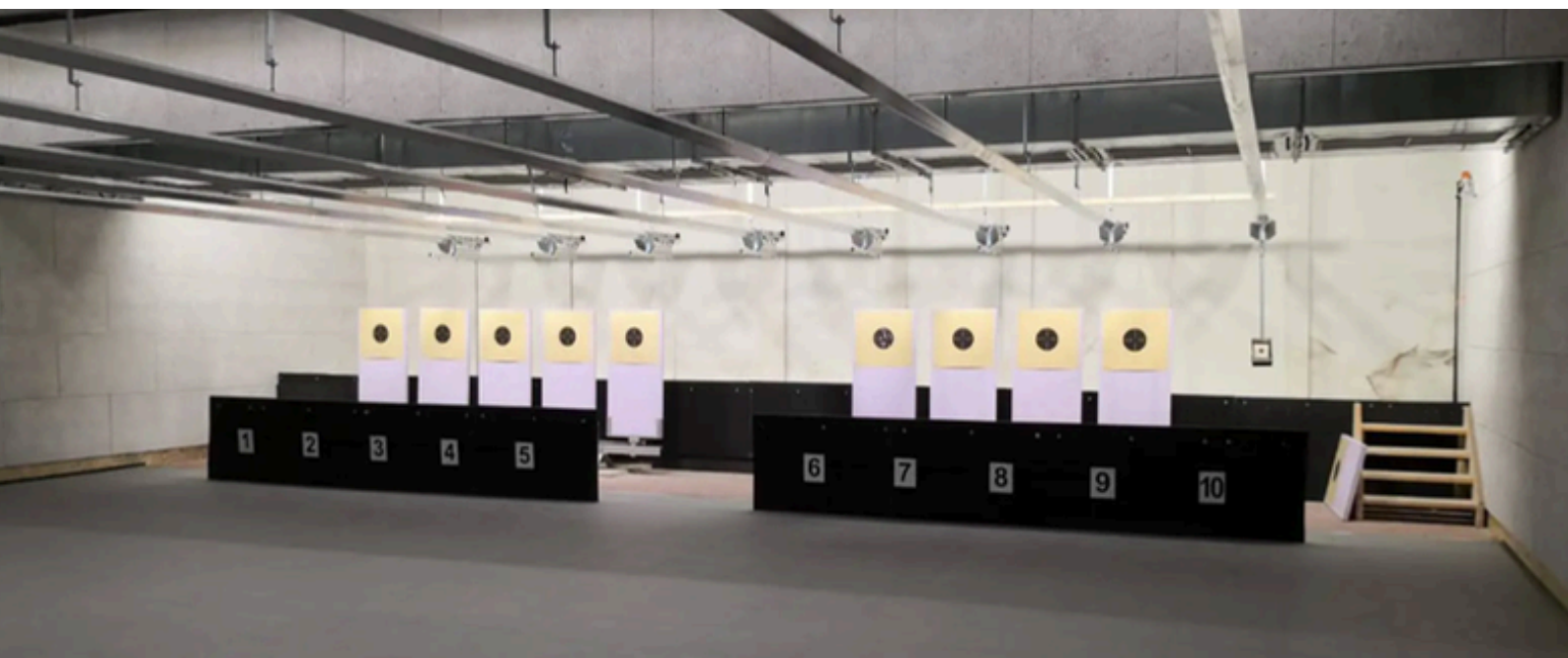
LAW, SPORT, HUNTING

TURNING TARGET



The stationary **Turning Target** system, trusted in sports, is now favored by hunting associations. Its durable aluminum build, powered by a 400/230 V gear motor, swiftly rotates targets by 90° in under 0.2 seconds. Expandable to hold up to 10 targets with an additional group. The system comes complete with a 37m control cable, distribution box, and a timing device, all housed in a portable case. The timing device offers preset shooting programs and customizable timing options. Mechanism is protected by ballistic shielding, ensuring safety.

The self-drive **Turning Target** system features a built-in drive mechanism that automatically retracts the target on steel rails for easy retrieval at the shooter's station. Power for both the drive and rotation is supplied via an energy supply chain installed alongside the system. This technology allows targets to be positioned anywhere on the shooting range, enabling shooting at shorter distances (for example, for shot training) without leaving the shooting stand. The target mechanism is protected by ballistic shielding for added safety.



SPORT AND HUNTING

CABLE PULLEY SYSTEM



Our Outdoor Cable Pulley Systems are available in both overhead and underground configurations, purpose-built for the most demanding environments where reliability and durability are critical.

This system has been in use since the **1950s** — long out of the testing phase and trusted for decades in shooting ranges worldwide.

If you're looking for something truly robust and dependable, whether for outdoor or indoor use, this is the system you can count on.

Key Features

- Shooting distances: Configurable from 50 m up to 500 m
- Flexible shooting positions: Suitable for prone, kneeling, or standing positions
- Adjustable target movement: Targets can stop at multiple predefined positions along the line
- Weather-resistant construction: Designed for consistent performance in challenging outdoor conditions



LAW AND HUNTING

RUNNING TARGET



The **Spieth Running Target** is built for flexible and realistic training environments, operating over distances from **12 to 50 meters**. The target moves from right to left and automatically returns to its home position after each run, ensuring continuous and efficient training sessions.

Mounted on a heavy-duty rail system originally designed for armored target applications, it offers exceptional durability and smooth performance. The system accepts a wide range of silhouette target faces, allowing rapid scenario changes to match different training requirements.

For enhanced performance analysis, the **Spieth Running Target** can be **upgraded** with a **LOMAH** (Location of Miss and Hit) module, providing precise hit/miss indication and real-time **electronic scoring**.



LAW AND MILITARY

V-RAIL-DEFENCE-RETRIEVER

25M-300M

Introducing the Spieth Defence Target Retriever, a cutting-edge solution designed for simplicity and functionality. Engineered with advanced features tailored for law enforcement and military personnel, this retriever offers an exceptional shooting experience. Its integrated target lighting ensure precise training sessions, while its robust construction and dynamic capabilities make it suitable for a wide range of professional applications. Experience unparalleled functionality and reliability with the Spieth Defence Target Retriever.



LIGHT

Different lights, such as strobe lights and police lights.



Turning Target

rotate 90°, 180°, and 360° for versatile training drills



UPGRADE

You can easily upgrade existing systems:



Operation

Simple operation through touchscreen and push button interface



LAW AND MILITARY

SPIETH 360° TURNING TARGET

The **360° Turning Target System** by Spieth Defence Systems brings next-level realism and unmatched adaptability to modern law enforcement and military training.

Engineered with a rugged **IP66** housing, it delivers full **360° rotation**, instant target changes, telescopic height adjustment, and expansion ports for fog, lights, and advanced scenario effects — giving instructors total creative control over any training environment.

A robust long-range Wi-Fi platform ensures flawless performance across large and complex ranges. With the MasterControl system, up to **100 targets** can be networked, preconfigured, and managed with ease — while the Tactical Control Pad allows instructors to run live scenarios effortlessly and stay fully focused on shooter performance.

Maximum space efficiency:

The system can be mounted overhead directly behind or in front of the bullet trap, freeing valuable floor space and enabling completely new range layouts. It can also be used as a free-standing floor unit for instant deployment anywhere.

Designed for **maximum durability**, precision, and operational realism, the 360° Turning Target System transforms static ranges into immersive, mission-ready training arenas — elevating decision-making, stress performance, and tactical readiness.



LAW AND MILITARY

COMBAT TARGET CARRIER



The **Spieth Defence Combat Target Carrier** is a next-generation tracked AGV designed to deliver realistic, high-intensity moving-target training for military and law-enforcement units. Equipped with a rapid-action pop-up and 360° turning target, it simulates unpredictable threat behavior and brings operational realism directly onto the range.

Built on a rugged tracked platform, the system offers smooth, powerful mobility across challenging outdoor environments — including sand, rocks, ditches, steep angles, and uneven terrain. This enables instructors to create highly dynamic, stress-based scenarios that mirror real combat conditions.

Key Capabilities:

- Tracked AGV mobility for optimal off-road performance
- Pop-Up & 360° rotation for sudden-exposure drills and dynamic threat angles
- Autonomous navigation with obstacle avoidance and pre-defined routes
- Remote manual control for flexible, instructor-driven scenarios
- Quick-change target mounts for fast switching of silhouettes and hit zones
- Durable outdoor build engineered for harsh field conditions

Training Advantages:

The Combat Target Carrier enables units to train against a moving, reacting, and unpredictable adversary. This significantly enhances:

- Decision-making under stress
- Rapid target identification
- Engagement accuracy against moving threats
- Tactical readiness for real-world missions



SHOOTING STALL

SPIETH SHOOTING STALL SERIES

The **Spieth Shooting Stall** combines safety, comfort, and modern design — the ideal upgrade for any shooting range. Available in two versions: **Defence and civil**.

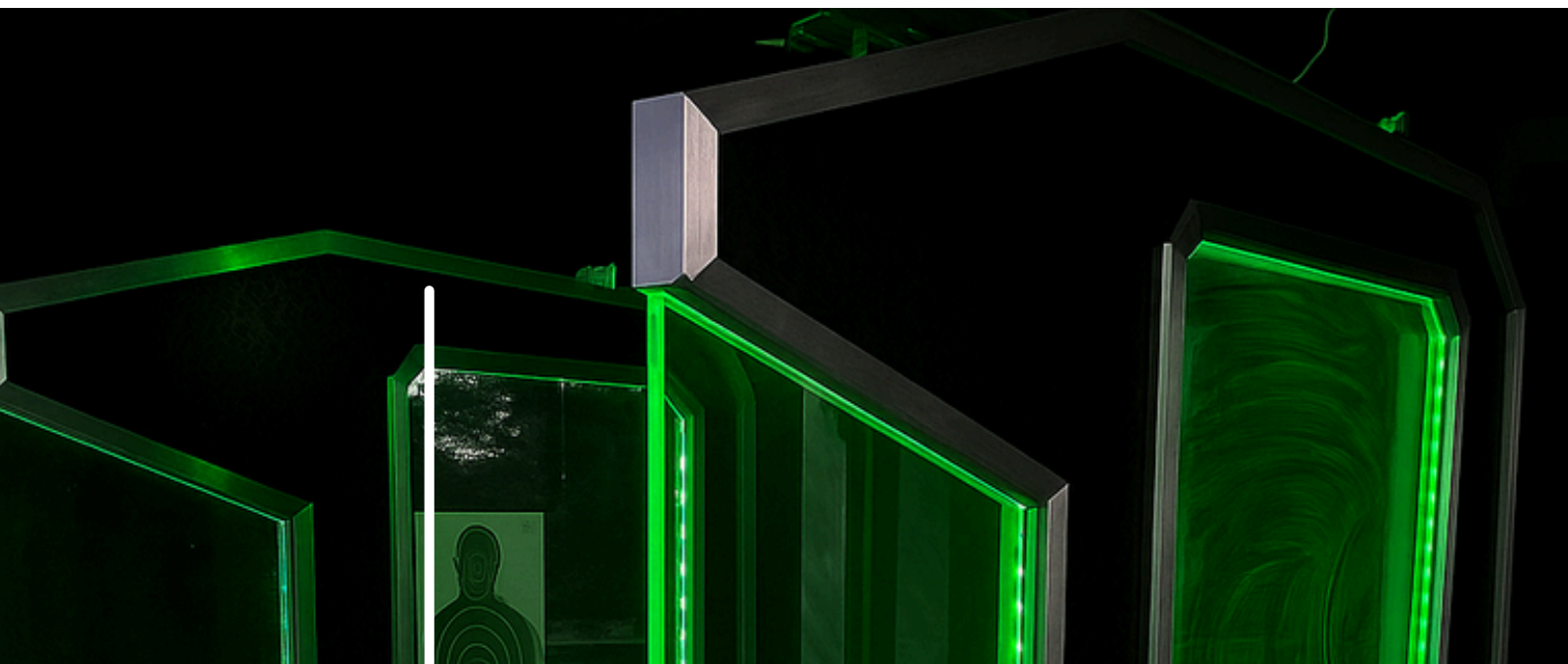
Defence Version:

Built for professional and military use with a solid wood core, bullet-resistant composite materials, and NATO-certified ballistic glass. Provides maximum protection, durability, and long-term performance.

Civil Version:

Designed for civilian ranges with a solid wood core and composite materials. Not ballistically protected, yet highly stable and reinforced with rubber elements for strong impact resistance.

Both versions feature scratch-resistant glass panels, reinforced aluminum edges, optional muzzle-flash protection, foldable shelves, and integrated LED lighting — combining safety, flexibility, and an impressive visual experience.



SPIETH BULLET TRAP



SPIETH MOVE BULLET TRAP

The **Spieth Move** was developed for maximum flexibility in tactical and dynamic training environments. The system is designed to safely contain direct hits and reliably collects projectiles in the module base, which can then be emptied easily.

Construction & Function

A ballistic rubber mat is mounted at the front of the module to prevent ricochets when a projectile strikes the rear section of the module. The two-part rear section is especially maintenance-friendly and can be quickly and easily replaced by the operator.

The **Spieth Move** is suitable for both indoor and outdoor use, offering a high degree of operational flexibility.

Supported Calibers

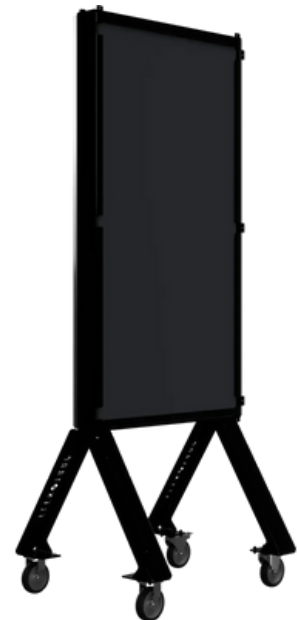
- .22 LR (Long Rifle)
- 9×19 (9 mm NATO)
- 5.56×45 (5.56 NATO)
- 6.5×55 (Swedish Mauser)
- 7.62×51 (7.62 NATO)
- 9.3×62 (hunting ammunition)

Technical Highlights

- Simple maintenance without special tools
- Allows firing at up to 15° lateral and 15° vertical angles
- Operational temperature range: +50 °C to -40 °C

Performance

- Maximum impact energy: 4,500 J
- Maximum projectile velocity: 930 m/s



OUR SERVICES

OVERVIEW



INSTALLATION

Once you've designed your Range and selected your products and equipment, our expert installation team will come to your site and bring your Range to life.

MAINTENANCE

Even though our products and equipment require minimal maintenance, should anything major go wrong, we will be there to service the equipment and get you up and running ASAP. We will also offer a suggested maintenance and cleaning schedule to keep your equipment in tip-top shape.

TRAINING

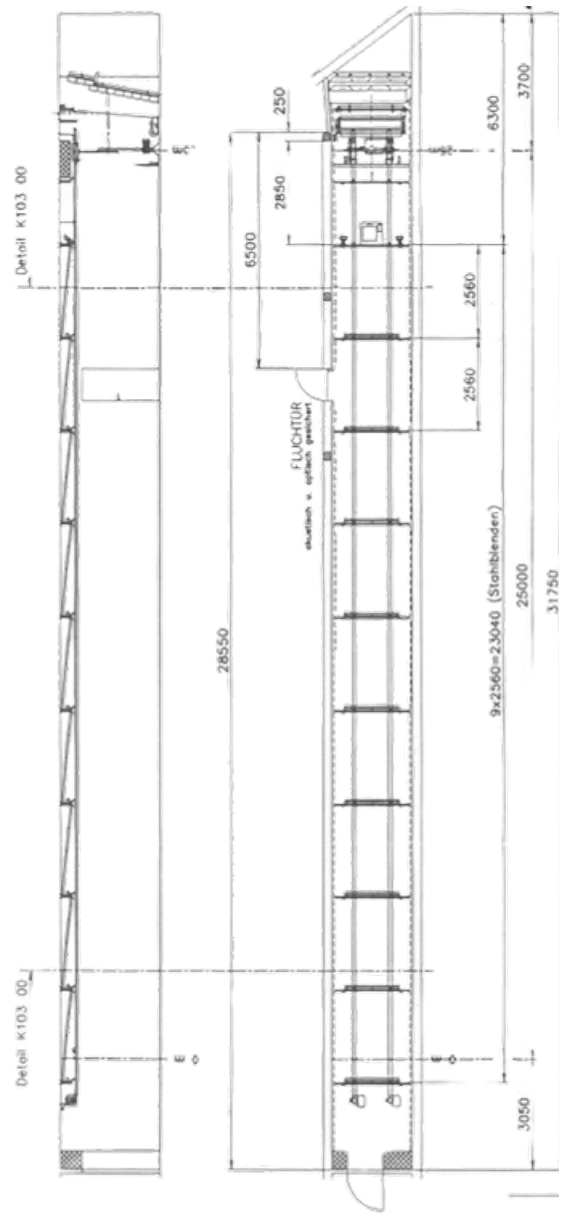
First learn how to use and maintain our equipment, we will offer a complete training session to get you and your staff up to speed. While our products are fairly intuitive and easy to use, this training will help make sure everyone is on the same page.

CONSULTING

With so many options, products, and equipment to choose from, our experts are available to provide the guidance you need for your Shooting Range. With over 90 years in the Shooting Range business, our team has seen it all and can help you move in the right direction for your project.

CUSTOMER SUPPORT

We're just a phone call away! Whatever questions, concerns, or issues you face with our products or equipment, we are standing by to provide our insight and expertise. If we don't answer, we will get back to you as soon as we possibly can.



PREVIOUS INSTALLATION



V-RAIL-RETRIEVER
25M,50M,100M
DEGGENDORF-GERMANY



V-RAIL-RETRIEVER
CONTAINER/MODULAR
SHOOTING RANGE
MILITARY- ROMANIA



PREVIOUS INSTALLATION



SKEET AND TRAP MACHINE
HÖLLTAL-GERMANY



TRAP - MACHINE
GERMANY



PREVIOUS INSTALLATION



V-RAIL-RETRIEVER &
TURNING TARGET
SWISS



V - RAIL - RETRIEVER
SPECIAL FORCES - ROMANIA



WELCOME TO THE FUNK FAMILY



SINCE 1885

Funk

SPIETH