

2026  
Equipment & Services  
Catalogue

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# polytronic

your aim is our target



## WORLD LEADING TARGET PROVIDER

Experienced | Reliable | Safe

[www.polytronic.ch/en](http://www.polytronic.ch/en)

OUR COMMITMENT SINCE

1966

QUALITY PERFORMANCE  
**WE DON'T HAVE CLIENTS  
WE HAVE PARTNERS**



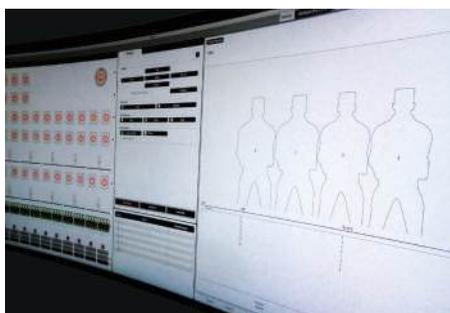


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Get in touch with us

Enjoy our 2026 Equipment & Services Catalogue, please don't hesitate to Contact Polytronic, we are standing by to work with you to design the solution that meets your training strategy, capability requirements and budget.





# World Leading Target Systems & Range Services Provider

Polytronic International is the world leader in electronic targets and Location of Miss and Hit (LOMAH) systems for use by law enforcement and military for live-fire tactical training.

The company was founded in a garage in Zürich Switzerland, in 1966 to create the world's first electronic scoring system for use on 300m Sports Rifle Ranges, reducing the time spent checking hits on target between shooters.

Achieving its founding mission, Polytronic grew from humble beginnings into an internationally renowned brand whose products are used today by Armies and Police Forces all over the world.

Polytronic offers its government clients advanced targets, LOMAH and consumables capable of supporting basic marksmanship training through to collective combined arms exercises.

Working closely with end-users, Polytronic has designed a selection of innovative and interactive static, moving and portable targets that not only support the training and validation of the Shooter's accuracy, but also support the development of tactical decision making and the combat mindset.

In addition to target systems, Polytronic has a comprehensive selection of consumable items to support sustainment. And can offer full through life maintenance support to keep facilities operational.

Adhering to the best traditions of Swiss manufacturing quality and precision engineering, Polytronic's products are IP65 and Mil-Std rated ensuring they can operate from sub-zero temperatures through to +50 Degrees Celsius. Our products have seen long and distinguished service from Norway to the Middle East.

# Polytronic Training Systems in the United Arab Emirates

Polytronic Training Systems was established in 2016 to meet the growing need for clients involved in live fire shooting range activities within the United Arab Emirates and the wider GCC region.

As a subsidiary of Polytronic International, Polytronic Training Systems has the ability to reach back to its parent company in Switzerland for the manufacture of world leading electronic target systems whilst maintaining a local focus on all other aspects of the business.

The company has an existing workforce of 120 personnel that is involved in the installation of electronic targetry systems for a government client, and recently expanded the business to include Range Facilities Maintenance which has seen an additional 135 staff welcomed to the Polytronic family. Headed by an experienced management team that are predominantly ex-military, it places Polytronic Training Systems at the forefront of understanding the client's operational needs and delivering on what is required.

Whether it is a one-off prototype or a major acquisition, Polytronic Training Systems has the ability to manufacture and deliver any type of range equipment needed. With a team of locally based suppliers and manufacturers, and a stable of specialist international partners it allows for fast turnaround of any item that may be needed.

Other services that the company provide include range design, safety certification, capability development, training, range operation and facility maintenance as well as hazardous waste management just to name a few.

We also deliver world class live-fire training facilities and services to the UAE government.







# Helping End-Users enhance individual and collective lethality in support of their National Interest.

Range Design Consultancy Services

Capability Integration

Equipment Manufacturing

Electronic Targetry Equipment Installation Services

Electronic Targetry Equipment Maintenance Services



Installed **2000+** ranges in over **100** countries around the world.

Project Management

Original Equipment Manufacturer Certified Training

Managerial, Supervisory and Technical Staff

Range Facilities Maintenance

Lead Management / Reclamation Services

polytronic

# TARGET SYSTEMS

Polytronic offers a variety of advanced target systems that support shooting development, ranging from static through to moving and portable target systems. Polytronic electronic targets and equipment are manufactured in Switzerland to military standards, using the highest quality materials and processes available. The target mechanisms are rated to IP65 for outdoor use and have the ability to operate in extreme temperatures from sub zero to +50 degrees Celsius. Polytronic implemented ISO 9001 Quality Management System in 1995, ISO 45001 Occupational Health and Safety and ISO 14001 Environmental Management System in 2014 ensuring that every item that is delivered is to the highest possible standard.

Robotic Targets

Static Targets

Moving Targets

Portable Targets

Specialist Targets

Law Enforcement & Club Ranges





# ROBOTIC TARGETS

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Polytronic continuously seeks to enhance the realism of our training solutions and therefore has developed robotic targets to supplement our existing product line.

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Our robotic targets enable the end-user to create realistic live fire scenario-based training activities in a range of different environments.





**3D MANNEQUIN**

**PROJECTILE LOCATION SYSTEM**

**NEAR MISS SENSORS**

**TILTING TARGET**

**3D LIDAR**

**MODULAR PLATFORM**

**BALLISTIC STEEL**

**BALLISTIC TIRES**





### Robotic Target Modular

The RT-M is a semi-autonomous scalable robotic target system. This easy to use and maintain target brings a new level of realism to live-fire training. The RT-M is the ideal target for either indoor or outdoor advanced shooting practices or complex live-fire scenarios by day or night. This rugged, highly agile robotic target is ballistically rated up to 7.62mm NATO ammunition and fitted with a zonal shot detection system. The RT-M has a LIDAR and GPS navigation system, that ensures it can navigate accurately and detect and avoid obstacles.

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### Robotic Target Modular – Over-Wheel Track System

The RT-M can be fitted with Polytronic's Over-Wheel Track System to enhance mobility in broken terrain or sand. The over-wheel track system can be rapidly fitted and removed by a Single Operator. The over-wheel track can be purchased with the robot or as an accessory.

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### Robotic Target Close Quarter Battle

The RT-CQB is the compact version of the RT-M. With a reduced footprint, it is the ideal platform for indoor combat ranges. The RT-CQB is fitted with a collapsing target mechanism, making it suitable for use in confined spaces. Just like the RT-M, the target is ballistically rated up to 7.62mm NATO and fitted with a zonal scoring.





### Robotic Target Modular 6-Wheel

The RT-M6 has the same characteristics as the RT-M. It is the platform of choice to carry larger or specialist targets, such as vehicle targets or advanced LOMAH systems. It can be fitted with the over-wheel track system for complex terrain. The image here shows the RT-M6 fitted with TG82-100 and LOMAH system for armed fighting vehicle, advanced marksmanship or sniper training.

Scalable modular target system, able to be tailored to meet the capability and budgetary requirements of our partners.



# STATIC TARGETS

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Polytronic static targets are permanently installed onto a range and come in a single, double, triple or quadruple target configuration.

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The standard target mechanism operates in an up and down motion, or it can be fitted with rotary modules enabling an additional turning reaction to the target. Location of Miss and Hit (LOMAH) can be fitted to detect both supersonic and subsonic ammunition, allowing the firer to have immediate feedback on their accuracy by viewing the Intelligent Visual Display Unit (IVDU). A variety of target boards can be installed and coupled with the use of the Friend and Foe socks, providing the firer with a multitude of training scenarios.





### TG 82-70 Single Target

The TG 82-70 Single Target consists of one lifting mechanism (up/down) that can be fitted with both supersonic and subsonic LOMAH, providing the firer with instant feedback on shot location via the use of an IVDU. Target movement can be controlled manually or with pre-programmed scenarios from the range computer or a Wi-Fi tablet.

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### TG 82-70 Twin Turner Target

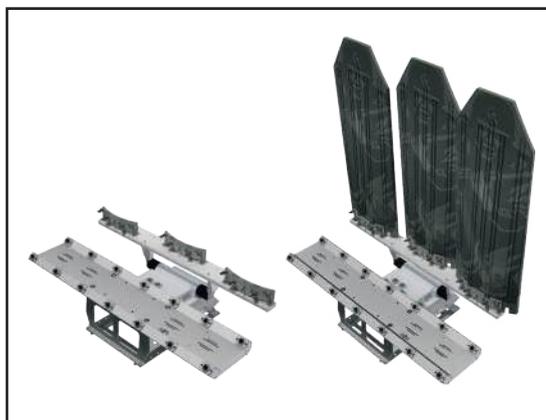
The TG 82-70 Twin Turner Target has two rotary modules fitted to its lifting mechanism which enables independent target rotation response as well as standard up/down movement. It can be fitted with both supersonic and subsonic LOMAH, providing the firer with instant feedback on shot location via the use of an IVDU. Target movement can be controlled manually or with pre-programmed scenarios from the range computer or a Wi-Fi tablet.

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### TG 82-70 Triple Lifter Target

The TG 82-70 Triple Lifter Target consists of one lifting mechanism (up/down) with a triple target bracket system attached. It can be fitted with supersonic LOMAH, providing the firer with instant feedback on shot location via the use of an IVDU. The mechanism can be controlled manually or with pre-programmed scenarios from the range computer or a Wi-Fi tablet.





### TG 82-70 Quad Turner Target

The TG 82-70 Quad Turner Target consists of two mechanisms that operate independently with a total of four rotary modules fitted. This enables independent target rotation response, as well as the standard up/down movement. It can be fitted with both supersonic and subsonic LOMAH, providing the firer with instant feedback on shot location via the use of an IVDU. Target movement can be controlled manually or with pre-programmed scenarios from the range computer or a Wi-Fi tablet.

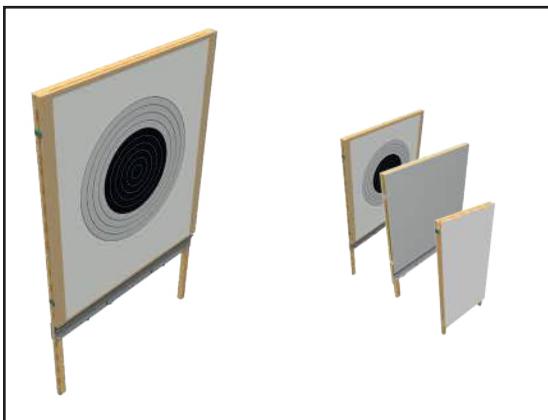
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### TG 82-162 Turning Target

The TG 82-162 Turning Target is fitted with a single target and has an inbuilt rotary module which rotates the target. The mechanism can be controlled manually or with pre-programmed scenarios from the range computer or a Wi-Fi tablet. The target can operate in Hit Detection mode for both supersonic and subsonic ammunition or be fitted with LOMAH that will allow more precise shot detection.

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### Box Target

The TG 4002 Box Target consists of a target box fitted with a sensor array that guarantees exceptional accuracy for small arms. The electronics are sealed in an aluminium case making it suitable for both indoor and outdoor use. Besides a fix installed device it is also possible to use the Box Target as a portable solution or mounted on a moving system.

# MOVING TARGETS

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Polytronic moving target systems give the firer the ability to train on the engagement of moving targets.

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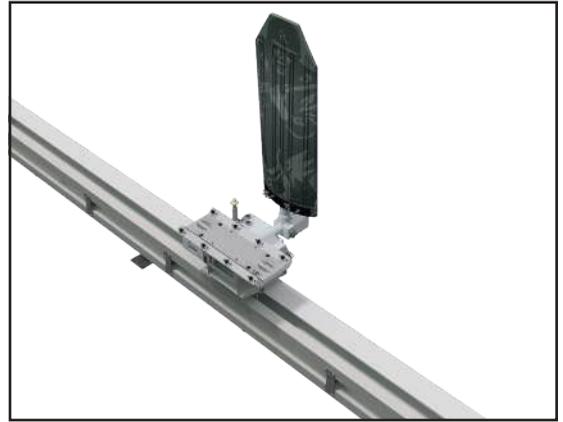
Each moving target system can be installed independently or combined with an array of static targets, that can facilitate simultaneous static and moving target scenarios. These systems vary in complexity, ranging from an overhead retrievable target through to lateral moving targets that traverse from left to right and oblique movers that traverse on a curved rail. Each of the moving target systems are variable speed, allowing basic through to advanced scenarios to be conducted. The targets can be fitted with supersonic LOMAH, allowing immediate feedback on the firers accuracy via an IVDU.





### TG 350 Moving Target System

The TG 350 Moving Target System has a rotating and slicing target mechanism that moves laterally on a fixed rail at varying speeds. The target has inbuilt hit detection and a supersonic LOMAH fitted providing immediate shot location data. The Moving Target System can be installed independently, or combined with an array of static targets that can facilitate simultaneous static and moving target engagement scenarios.



### Oblique Mover Trolley

The TG 353 Oblique Moving Target is a highly sophisticated, self-driven system, which is mounted on a curved powered contact rail. It has a rotating and slicing target mechanism that can move at varying speeds, whilst ensuring the target face remains aligned to the firer's position. Multiple targets can operate on the same rail at the same time. The target has inbuilt hit detection and a supersonic LOMAH fitted providing immediate shot location data. The Moving Target System can be installed independently, or combined with an array of static targets that can facilitate simultaneous static and moving target engagement scenarios.

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### Realistic Tank Target with Vertical Target Lifter

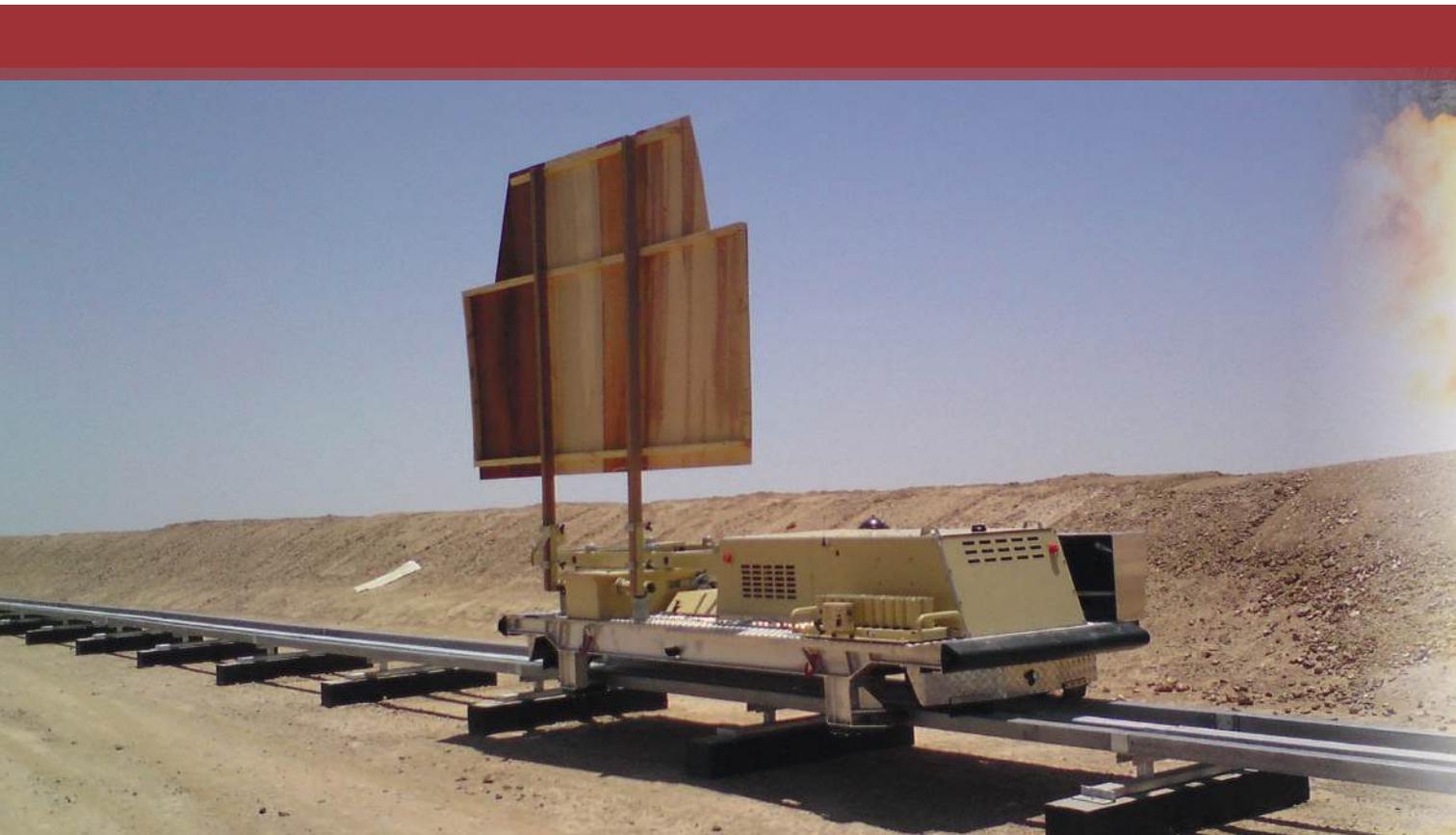
The TG300-08 Battery Tank Mover is a heavy tank target designed for various field conditions. The vehicle is designed for heavy targets and fast manoeuvres up to 60km/h (depending on target weights and volume).

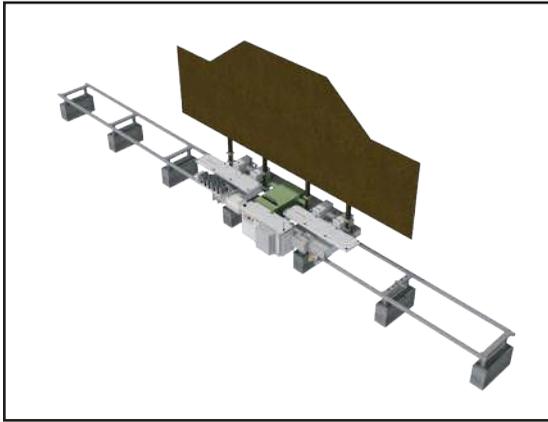
The maximum load capacity is up to 500kg and the target platform can be lifted up and down by 1m while in operation. A simple assembly systems makes it possible to change different targets, in different dimensions, in the shortest time.

Rugged design and construction ensure the high survivability of the TG300-08 Battery Tank Mover under climatic extremes while its modular construction simplifies servicing and maintenance procedures.

The mover is controlled by software and provides accurate shot detection for supersonic projectiles all over the assembled, real-size, tank targets.

To feed the mover, a 100V battery system is used. In case the range has no power supply on-site, the mover can be charged with its own on-board diesel-generator.

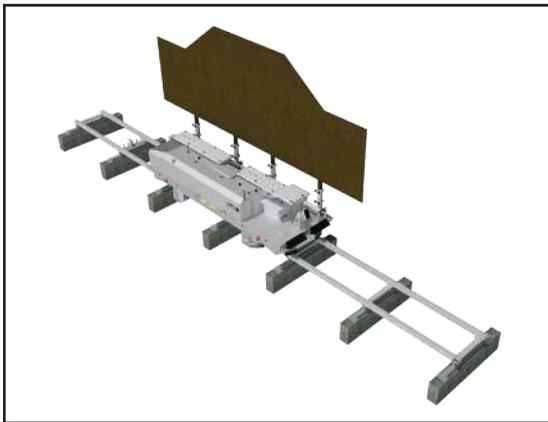




### **TG 300-06 Battery Tank Moving Target**

The TG 300-06 Moving Target System is a full flank tank target, mounted onto a trolley that moves along a fixed rail. The target can be fitted with a LOMAH, providing immediate shot location data. The moving target system is battery powered and can be programmed to operate at varying speeds. It can be installed independently or combined with an array of static targets that can facilitate simultaneous static and moving target scenarios.

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### **TG 300-07 Diesel Tank Moving Target**

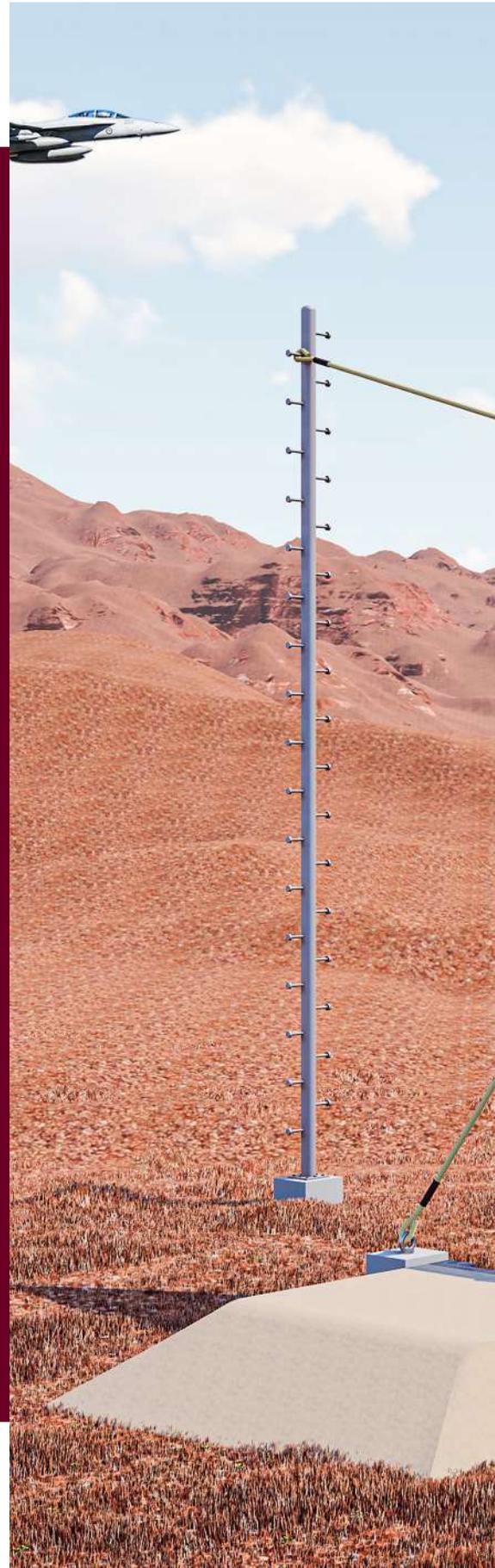
The TG 300-07 Moving Target System is a full flank tank target, mounted onto a trolley that moves along a fixed rail. The target can be fitted with a LOMAH, providing immediate shot location data. The moving target system is powered by a hydrostatic diesel engine for full flexibility and can be programmed to operate at varying speeds. It can be installed independently or combined with an array of static targets that can facilitate simultaneous static and moving target scenarios.



# AIR TO GROUND TARGETS

The Polytronic Air to Ground Target System is an automatic scoring system for aircraft gunnery practice.

The Polytronic Air to Ground Target System is an automatic scoring system for aircraft gunnery practice. The system provides location of hits and misses by detecting the presence of supersonic rounds passing over the sensors of the Polytronic LOMAH. An electronic picture of the target is displayed on the monitor screen, and the positions of any rounds that may have been fired at the target, whether they have hit the target or not. The system may be pre-programmed for a variety of firing practice types and is capable of capturing up to 6000 rounds per minute, saving time and resources which are significant with fast attack aircraft.





# PORTABLE TARGETS

Polytronic's range of portable targets can be used independently, or in conjunction with static or moving targets for both indoor and outdoor applications.

These portable targets allow the user the flexibility to position the targets where they are required, and program the functionality through AROS. The targets are operated via Wi-Fi or UHF, and can be fitted with trigger devices such as infrared detection or pressure mat to activate the programmed target reaction.





### Bagman Target

This target is a fan driven battery powered mechanism that inflates a printed bag target. It is fitted with a hit sensor allowing shot detection to activate the deflation of the target after a successful engagement. It has been designed for indoor ranges to enhance close quarter combat training. The Bagman Target is Wi-Fi controlled and/or can be activated with the use of a pressure mat or IR sensor. Target reaction can be programmed and score data collected via AROS.

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### Confined Space Target (CST)

The Confined Space Target (CST) is a battery powered mechanism with a rotating/lifting/slicing target action, fitted with hit detection capability. It has been designed for indoor/outdoor ranges, to enhance close quarter combat training. The CST is Wi-Fi controlled and/or can be activated with the use of a pressure mat or IR sensor. Target reaction can be programmed and score data collected via AROS.

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### IR Activation Device

The IR activation device can be connected to either the CST or Bagman Target. It is a portable sensor that can be placed or screwed into the most suitable position to detect shooter movement and activate the target. It is suitable for indoor and outdoor use.

### Pressure Mat

The Pressure Mat activation device can be connected to either the CST or Bagman Target. It is a portable device that activates a target when it comes in physical contact with a shooter. It is suitable for indoor and outdoor use.

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### Portable Box Target with Ballistic Stand

The TG 4002 Box Target is fitted with a sensor array that guarantees exceptional accuracy for long range marksmanship and sniper training. The Box Target can be used for calibres up to .338 and capable of providing accurate scoring data for both supersonic and subsonic projectile velocity. The targets sensor array is protected by AR500 ballistic modular portable stand. The system can be controlled by either Wi-Fi or RF.





### **Portable Infantry Target System (PITS)**

The PITS is a ruggedized target mechanism designed specifically for field firing. The targets are battery powered and operate via UHF signal with an up/down hit reaction which can be controlled manually or with pre-programmed scenarios, from the range computer or a Wi-Fi tablet. It is fitted with coloured and infrared (for use with night vision goggles) light systems. It is light weight with a convenient carry handle allowing one person to carry two systems at one time.

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### **TG 82-70 Sniper Portable Target**

This target consists of one battery operated, lifting mechanism (up/down) that is fitted with supersonic LOMAH, providing the firer with instant feedback on shot location via the IVDU. The target can be used indoor or outdoor and is easily transportable. The mechanism operates via UHF and can be controlled manually or with pre-programmed scenarios from the range computer or a Wi-Fi tablet.

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### **HF 11 Hostile Fire Simulator**

The HF 11 is a heavy duty, portable hostile fire simulator that is used to enhance training by providing realistic battlefield sights and sounds. The device can be incorporated into AROS or operated independently by a UHF control box. It has the ability to detonate up to 20 individual shots that can simulate artillery shell burst, tank fire, target hit signature or artillery smoke screen.

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Polytronic excellent for both Field Firing applications and Close Quarter Battle training in Room Combat Ranges.

# PARST - PORTABLE AUTOMATED REACTIVE STEEL TARGET

The PARST is a first of kind target system that combines immediate user feedback that only steel targets can provide with the programmability and data collection from Polytronic smart targets. With the Advanced Range Operating System (AROS), each PARST is a self-contained unit with 2/3, 150mm Ballistic Steel Target Paddles driven by electronically controlled actuators. Making use of a built-in Wi-Fi control unit the PARST is completely remote controlled from the Control Tablet or Range Control Room. PARST may be operated individually or as a bank of multiple targets to challenge any shooter while providing data collection and feedback for AAR.



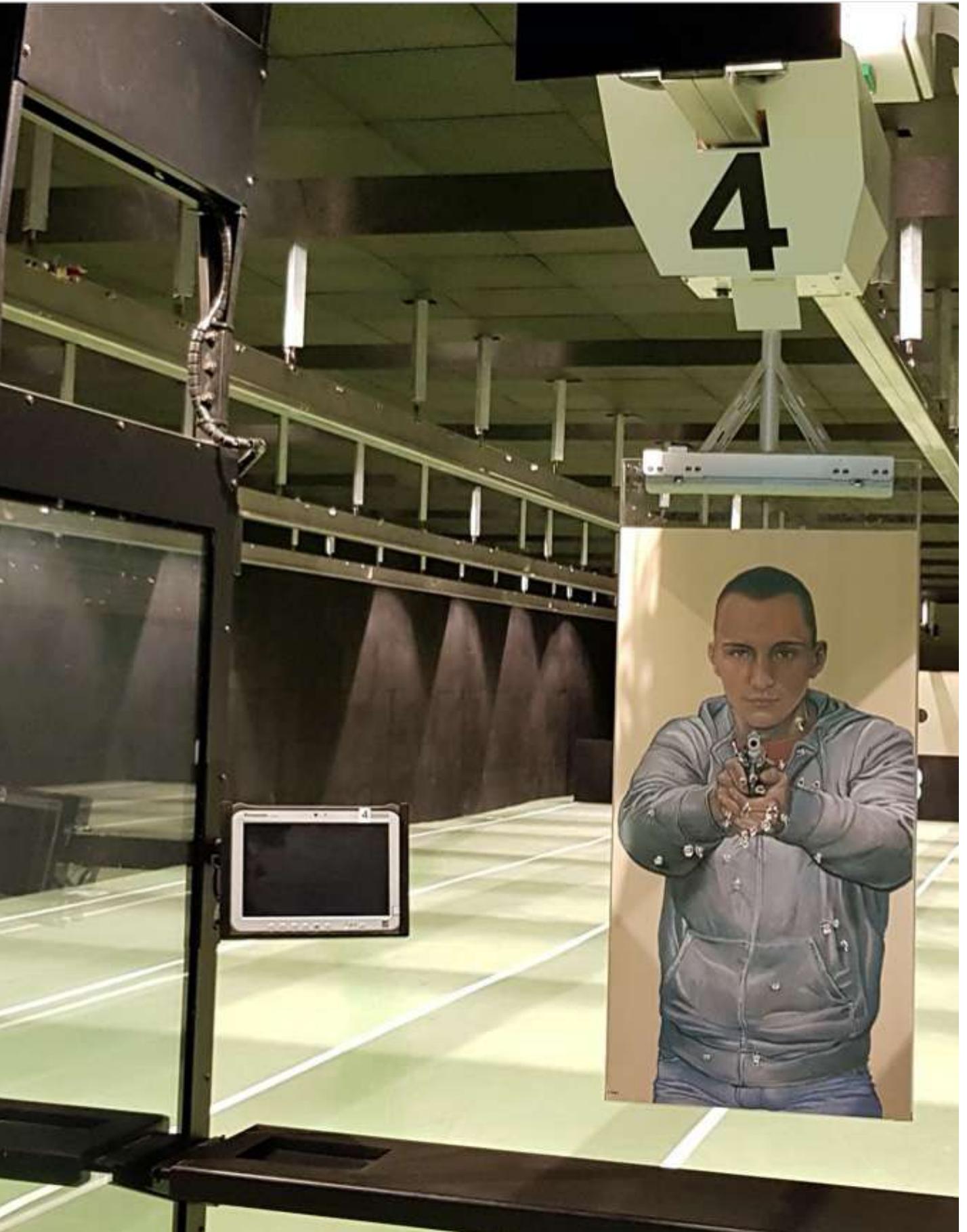


# LAW ENFORCEMENT & CLUB RANGES

Polytronic's range of indoor targets are ideally suited to Law Enforcement and Sporting Clubs where space is at a premium, yet full range capability with state-of-the-art technology providing a more modern and attractive shooting experience is desired.

Polytronic targets offer the flexibility to design and install fixed targets with features often only found on outdoor ranges. Utilizing functionality through AROS, a selection of target mechanisms including Retrievable Overhead, Fixed and Lateral Moving targets with LOMAH may be selected.

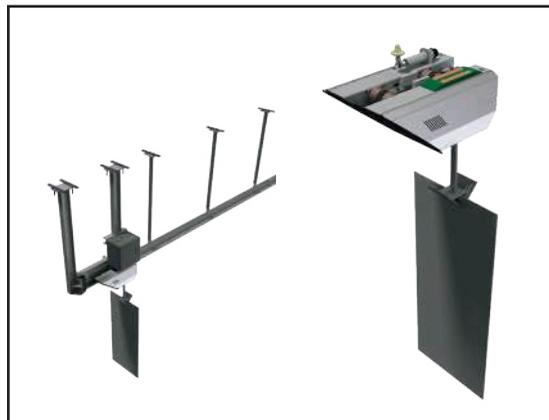




### TG 94 Overhead Retrievable Target

The TG 94 Overhead Retrievable Target is a monorail mounted mechanism for use in indoor shooting ranges. Maximum rail length is 50 metres, with target stop points at any distance programmed. It is fitted with a rotary target mechanism, with programmable time control for shoot and pause periods.

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### Fixed Target Systems

Polytronic can provide any of its fixed target systems displayed in the catalogue for use in law enforcement or club ranges. Our fixed target systems provide enhanced training opportunities for range users. If your facility doesn't currently include fixed target systems, Polytronic can seamlessly upgrade your facility.

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### Target Control Systems

Integrating AROS into our overhead rail systems provides the individual firer greater control of the practice they wish to fire. With the user-friendly Control Tablet the firer is able to set distances, exposure times and select programs from a custom library to further enhance the user experience and training efficiency.

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Polytronic can fit out or upgrade existing law enforcement & club ranges with any of our *static or moving* target systems.



# BESPOKE RANGE SOLUTIONS & SERVICES

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Polytronic offers an array of bespoke range solutions and services that will surpass your needs of tomorrow. With our team of former serving military special operations personnel, we understand the demands of tomorrow's landscape.

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Polytronic's range design and consultation team provide our clients with detailed support in the design of indoor and outdoor ranges. This includes our innovative, quality, fully mobile container shooting ranges, providing the optimum design for transportable live-fire training solutions. While also being the market leaders in lead removal and responsible disposal of hazardous waste from live firing ranges.

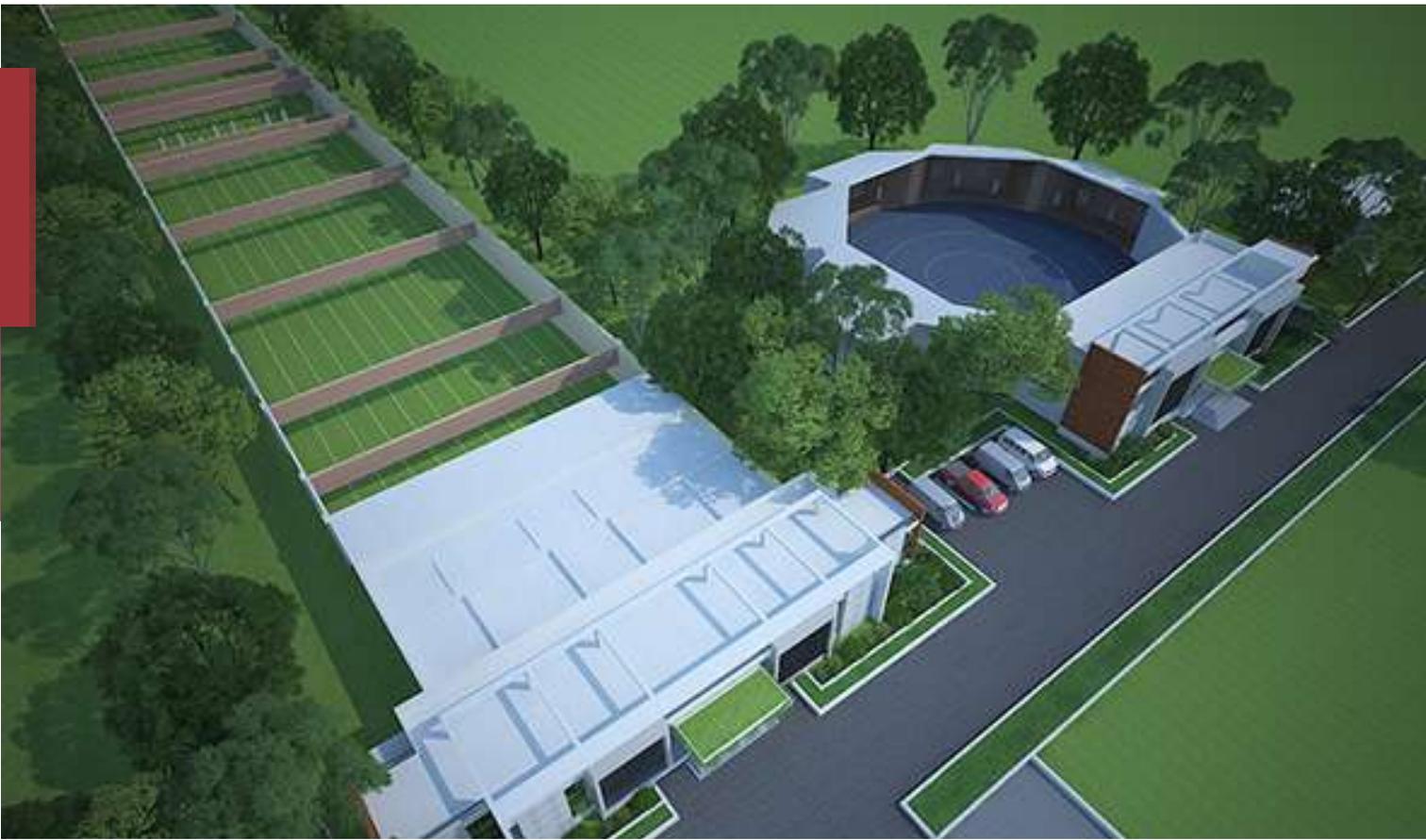




# RANGE DESIGN & CONSULTATION

Polytronic provides detailed support to assist our clients in the design of indoor and outdoor ranges to meet their specific requirements and provide advice on optimizing live-fire training for both military and law enforcement. Beginning with a detailed end-user needs analysis, our specialists will work with you to design facilities and training programs to optimize training progression and reduce unnecessary resource expenditure.







# Mobile Container Range

Innovation, safety, and build quality form the basis of the Polytronic Mobile Container Range.

The Polytronic Mobile Container Range has been developed as a fully portable live-fire training solution.

The modular innovated design can be configured to the width and length of our clients' needs and is fabricated for maximum durability and safety while providing an optimal training space for live-fire.

The Polytronic Mobile Container Range is equipped with a patented HVAC system that delivers zero contamination to the outside environment while also meeting world standard environment and safety regulations.

The Mobile Container Range can be transported easily between locations, and the modular design is perfect for small spaces, requiring minimal installation time.

The Polytronic Mobile Container Range incorporates technology, creativity and a fit for purpose design delivering a fully mobile shooting range. Meeting the demands of tomorrow's market.



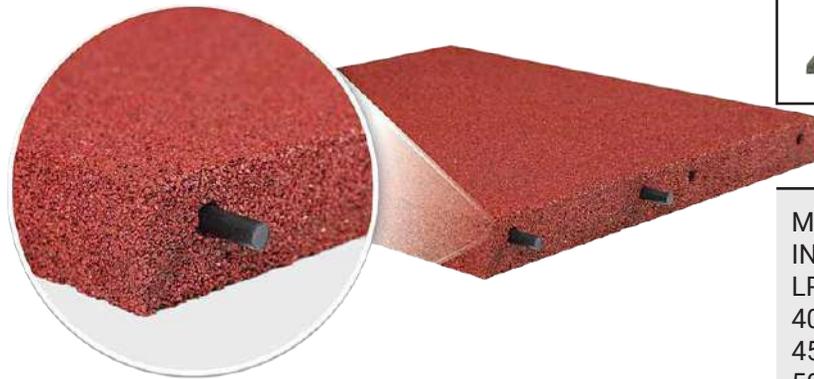


# BALLISTIC RUBBER

The Polytronic Ballistic Rubber range of products are a specialized material used for a variety of safety and protective purposes, especially in environments where firearms or explosive devices are present. Manufactured as a Moulded Rubber Block or Granulated Rubber Tile, Polytronic can produce ballistic rubber products to suit a variety of client designs and testing requirements. All items are manufactured in the United Arab Emirates and are available to the global market.

## Granulated rubber tiles

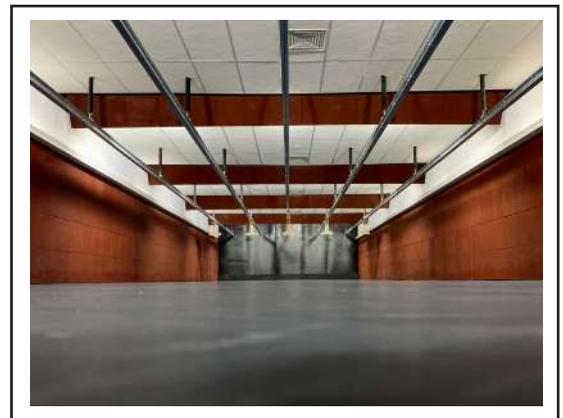
Granulated Rubber Tiles are an excellent way to provide a ricochet safe, sound absorbent covering to your shooting range walls and floors. Polytronic Granulated Rubber Tiles are UV resistant for indoor or outdoor installation and have been tested against international heat resistance standards. These tiles are made of hardened rubber particles that are held together with MDI Polyurethane binding agent which provides a hard wearing and long-lasting surface.



Model Types	Dimensions
INTERLOCK TILE	500 X 500 X 20
LP TILE	500 X 500 X 20
40 TILE	500 X 500 X 40
45 TILE	500 X 500 X 45
50 TILE	500 X 500 X 50
BLOCK	600 X 300 X 200

## Polyurethane Flooring

Polyurethane Flooring is a versatile and durable flooring option known for its resilience and aesthetic appeal. Composed of a flexible polymer, it offers superior resistance to wear, chemicals and moisture making it ideal for shooting ranges. Available in various finishes and colours, polyurethane flooring is easy to maintain, and its longevity makes it a popular choice.





### Moulded Rubber Blocks

These solid moulded tiles and rubber blocks are UV resistant for installation in outdoor and indoor environments. They are fire resistant to ensure safe installation within shooting ranges. The superior durability of this product allows it to absorb up to 10,000 shots per square meter without producing backslash. These rubber blocks ensure a ricochet safe shooting range that can perform well in high use facilities and harsh environmental conditions.

Model Types	Dimensions	CAVITY
FR BLOCK	600 x 300 x 200	8 CAVITY
FR BLOCK	350 x 350 x 225	8 CAVITY
FR TRIANGLE BLOCK	450 x 225 x 200	8 CAVITY
TYPE 1	510 X 217 X 70	2 CAVITY
TYPE 2	510 X 182 X 70	2 CAVITY
TYPE 3	510 X 153 X 70	2 CAVITY
TYPE 4	510 X 118 X 70	2 CAVITY

The information provided lists Polytronic's standard mold sizes, with additional sizes also available. Custom molds can be created to fulfill specific client requirements.



### Rubber Sheets / Curtines

Rubber Sheets are made from durable, high-density rubber. These sheets can be installed to provide an effective barrier to protect both shooters and bystanders from ricochets emanating from a range's bullet trap. Their ability to dampen noise and vibrations further contributes to a safer and more comfortable shooting experience.

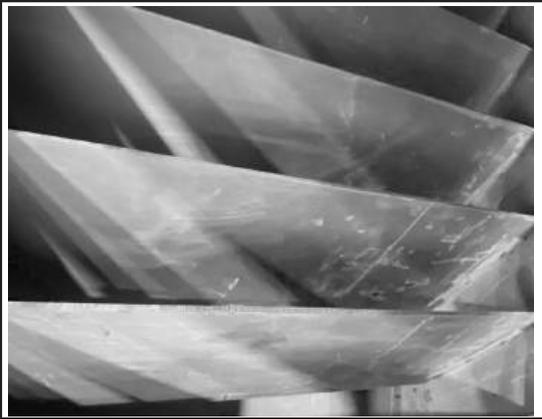
# BULLET TRAPS & OVERHEAD BAFFLES

Polytronic has and inhouse design capacity for specialised shooting range infrastructure that includes a variety of bullet traps and overhead baffles to suit client requirements.

## Deceleration Bullet Trap

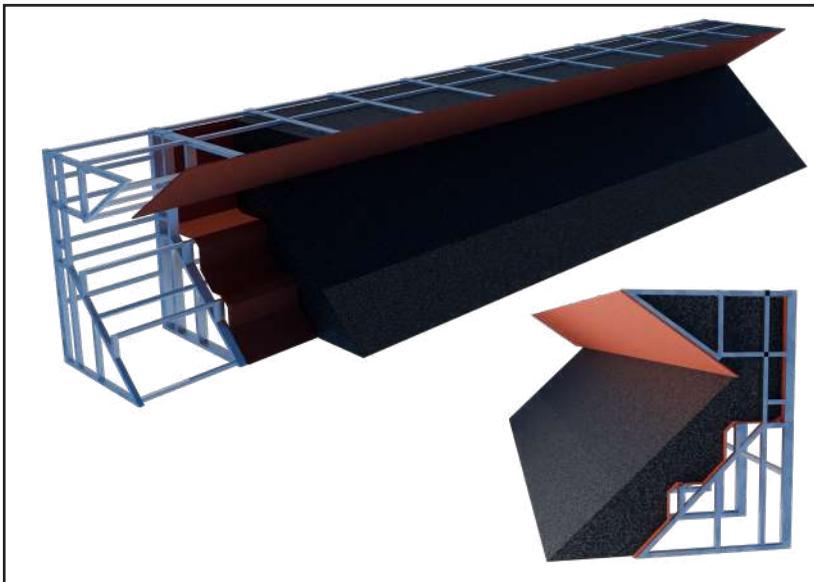
Projectiles are directed towards the catchment area by the sloped angled approach of bullet resistant steel that lines the top and bottom of the bullet trap. The sloped steel cumulates in a small open section that allows the projectile to enter the deceleration chamber where excess velocity is consumed and the projectile drops into catchment containers for easy collection and disposal. This design is most commonly used in high volume applications such as military, police or large commercial shooting ranges.





### Venetian Impact Bullet Trap

Constructed using layered bullet resistant steel panels and a bullet resistant rear wall. The objective of this design is to redirect projectiles down and towards the rear wall, consuming the velocity of the projectiles and allowing them to fall towards a catchment area at the bottom of the bullet trap. This design is most beneficial for shooting ranges that require optimised use of space as the bullet trap requires much less depth to achieve its purpose. Most appropriate for moderate or low volume applications and/or smaller calibres.



### Friction Bullet Trap

The Polytronic Friction Bullet Trap utilises a combination of Polymer Blocks and Granulated Rubber pieces that can be tailored to suit projectiles of any calibre. This design benefits from advanced noise suppression due to the lack of direct projectile impacts on bullet resistant steel. This friction bullet trap has a lower cost than the deceleration trap but requires manual removal of spent projectiles.



### Overhead Baffles

Polytronic overhead baffles are designed and installed with overall range requirements and infrastructure in mind. Support is by a mild steel frame with bullet resistant steel plates and granulated rubber tile coverings. The overhead baffles will provide projectile capture and safe redirection. Additionally, the baffles offer a projected installation location for range lighting, sound, CCTV etc.

# HAZARDOUS WASTE MANAGEMENT

Hazardous Waste Management on military shooting ranges is, the collection, treatment, and disposal of waste material (lead and lead related waste) that, when improperly handled, can cause substantial harm to human health and safety or to the environment. Hazardous wastes can take the form of solids, liquids, sludges, or contained gases, and they are generated primarily by chemical production, manufacturing, and other industrial activities. They may cause damage during inadequate storage, transportation, treatment, or disposal operations.

Polytronic HWM Program ensures that all waste, particularly lead waste, is responsibly handled, at every touch point, and disposed of to minimize risks to health of range users, staff and those involved in its handling and disposal. We are market leaders in the cleaning, removal and responsible disposal of hazardous waste from live firing ranges. Based on over 50 years international experience, we are confident in our systems and procedures to ensure our facilities are managed to the highest standards.





# LOMAH & FIRER DISPLAY UNITS

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Polytronic offers a variety of world leading Location of Miss and Hit (LOMAH) and firer display units to enhance its target systems.

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These include supersonic and subsonic LOMAH systems, IVDU's that provide the firer with immediate feedback, lane initiators which are used for shot matching and a tablet that can be used to control the targetry and provide feedback to the shooter/trainer.





This is **only a snap-shot** of Polytronic's LOMAH and shot detection systems. For tank, heavy weapons and air to ground LOMAH's contact us for more information.

### H-Bar - LOMAH

The H-Bar LOMAH provides automatic location and plotting of misses and hits by detecting the presence of supersonic rounds passing over or near the array of acoustic sensors. This information is then relayed to AROS, to provide the firer with immediate feedback via the IVDU. The H-Bar is designed to support combat shooting where cross lane and angle fire scenarios occur.



H-Bar 8 Microphone

H-Bar 10 Microphone

H-Bar 14 Microphone

### T-Bar Standard - LOMAH

The T-Bar Standard LOMAH provides automatic location and plotting of misses and hits by detecting the presence of supersonic rounds passing over or near the array of acoustic sensors. This information is then relayed to AROS, to provide the firer with immediate feedback via the IVDU. The T Bar comes in varying widths to suit the different types of targets, and is specifically designed for static shooting ranges where rounds are fired at 90° to the target.



T-Bar lite Delta 650mm

T-Bar lite Delta 830mm

T-Bar lite Delta 1200mm



### Pistol LOMAH

The Pistol LOMAH system is a world first, that allows for zonal scoring of subsonic ammunition. When coupled with the H bar, this will allow the firer to carry out concurrent primary and secondary weapon drills in a single serial.



Pistol LOMAH Single Target



Pistol LOMAH Double Target



Pistol LOMAH Quad Target



### Control/Display Tablet

The Tablet is a bespoke ruggedized device, loaded with Polytronic's range control software, AROS. It is used to control all target systems and provide immediate after action review information to firers, external to the control room. The tablet can be used to run pre-programmed serials or be used in manual mode. Screen sensitivity allows the user to control the tablet even when wearing gloves. The construction of the tablet ensures that it is protected if dropped, and the high-resolution screen enables clear visibility in full sunlight.



### Intelligent Visual Display Unit (IVDU)

The IVDU consists of a non-glare, LCD screen which provides the firer with instant and accurate feedback on their performance. The screen depicts a graphical representation of the target image, and allows the firer to view sight adjustment information, shot location and scoring. The IVDU has two variants; one which is plugged in at the firing point, and a portable battery powered Wi-Fi model which can be used on indoor and outdoor ranges.



### Lane Initiator POE

The Lane Initiator is plugged into the IVDU and placed directly in front of the muzzle of the firers weapon. Each time the weapon is fired, the Lane Initiator senses the shock wave, and converts it into a compatible signal which is sent to AROS. This information can then be used for shot matching, reaction times and lane discrimination.

### Wrist Mount

Combining off the shelf products with Polytronic's Advanced Range Operating System, sees the next level of range system integration and mobility. Utilising wrist mount capability with user-friendly intuitive, smart device interface and control functionalities via Wi-Fi connection, will allow for a more dynamic, effective and efficient training environment.

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### Chest Mount

Chest mount products that support larger tablet smart devices have also been adopted to allow placement of the smart control devices on the operators' chest. Combining hands-free portability with convenience while providing the user with ready access to the Advanced Range Operating System during live-fire practices via Wi-Fi connection. The chest mount comes in two different sizes to accommodate various dimensions of control tablets.

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### Backpack

Tactical Target Controller Backpack offers the operator a light weight, man portable communication relay for targets in a field firing environment. Consisting of an integral interface unit converting the Wi-Fi signal received from the control tablet to a UHF radio transmission received by downrange portable equipment. The tactical structure of the backpack provides ease of access, portability and comfort for the range operator during long days on the range.



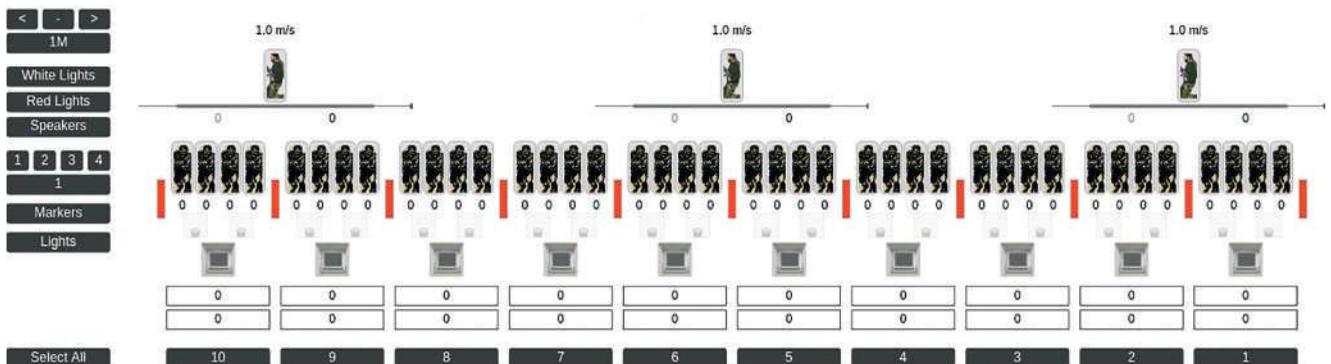




# AROS

## (ADVANCED RANGE OPERATING SYSTEM)

Polytronic targetry equipment utilises the Advanced Range Operating System (AROS) software to control all down range equipment.





AROS is the next generation of Polytronic's range management and target control software. It has been developed with the end-user in mind; easy to use, easy to learn, yet still delivering the most technologically advanced range control system available in the market today.

AROS is highly configurable, allowing it to control all Polytronic systems in any configuration as determined by the client. AROS can control the target systems required to perform a Combined Arms live-fire battle run with infantry, tank, and air to ground targets just as easily as it can a basic 100m Group and Zero shoot for an Infantry Section.

In addition to target control, AROS can integrate with building management systems, CCTV, lighting and sound systems - to support range safety, battle effects simulation and after action review. It also has maintenance tracking functions to support pro-active preventative range servicing and maintenance alert to trigger re-active repair.

AROS control and display device options range from touch screen desktop solutions, through to smart

devices such as tablets and phones. Multiple devices can be connecting at one time, allowing range staff to safely control different activities within the same training facility/area. AROS also allows range staff to view the results of training in real-time to monitor shooter performance and support the provision of instant feedback/coaching.

AROS allows for the control of targets to be conducted in either manual mode or via a program. Manual mode is easily executed via AROS intuitive control displays, and can be conducted via any of Polytronic's control devices. Shooting programs can be simply created in the AROS "Program Creator". Programs, can support the integration of a client's training doctrine into the system, allowing pass fail standards to be implemented, supporting readiness and preparedness tracking.

AROS has the capability to be multi-lingual - changing between languages can occur at the touch of a single button. Currently, AROS can be loaded with English, Arabic and French - additional languages can be added at a clients request.

# BALLISTIC PROTECTION

Polytronic offers a variety of ballistic protection solutions for its targetry.

Polytronic's ballistic protection solutions for both portable and static targets, use a combination of certified high quality armoured steel and rubber products.





All rubber has been tested and certified compliant to AS/NZS 1530.3:1999 for fire resistance and compliant to AS/NZS 2343:1997 for ballistic backsplash performance.

### Portable Ballistic Protection - Type 1

The Portable Ballistic Protection is a modular engineered wall designed to protect lifting and rotating target mechanisms from stray bullet impacts. The walls are easily built on site in front of the target mechanism. Each panel is constructed from AR500 armoured plate and clad with ballistically rated, fire-retardant tiles. This system ensures that any stray bullets are captured and do not pose any ricochet risk.

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### Portable Ballistic Protection - Type 2

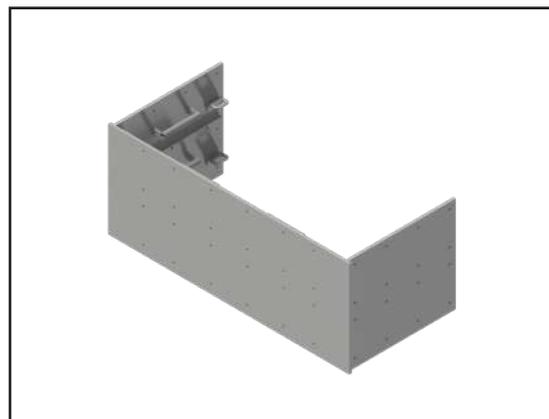
The Portable Ballistic Protection is a modular engineered wall designed to protect slicing and rotating mechanisms from stray bullet impacts. The walls are easily built on site in front of the target mechanism. Each panel is constructed from AR500 armoured plate and clad with ballistically rated, fire-retardant tiles. This system ensures that any stray bullets are captured and do not pose any ricochet risk.

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### Sniper Portable Ballistic Protection

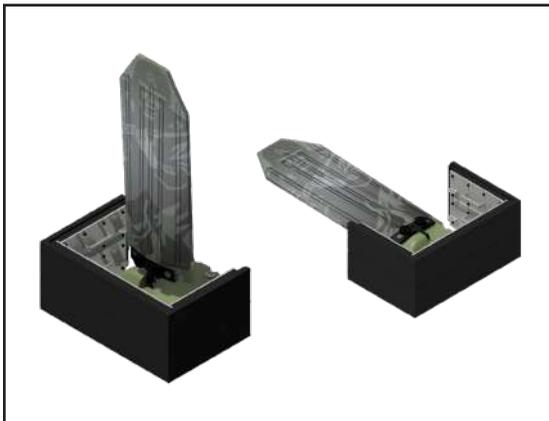
Designed to provide ballistic protection, during extended range engagements, with Sniper Portable target mechanisms. The AR500 steel will provide protection against caliber's up to and including .338LM (not for use a distances less than 300m) non destructive ammunition. Flame retardant rubber blocks may be selected for close engagement use, protecting the firer from splash back.





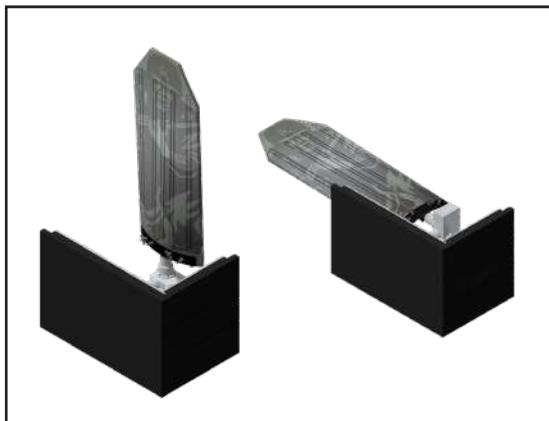
### Fixed Ballistic Protection

The Fixed Ballistic Protection is an engineered wall that protects lateral moving target mechanisms from stray bullet impacts. The frame of the wall is constructed from galvanized steel components, and an engineered impact zone consists of an AR500 armoured plate clad with ballistically rated fire-retardant tiles. This system ensures that any stray bullets are captured and do not pose any ricochet risk.



### U-Shape Ballistic Protection for PITS

Providing protection for the PITS from frontal and flanking fire while employing flame retardant rubber preventing splash back. Rated to protect against non destructive ammunition up to and including .338



### L-Shape Ballistic Protection for CST

Providing protection for the CST from frontal and flanking fire while employing flame retardant rubber preventing splash back. Rated to protect against non destructive ammunition up to and including .338

polytronic

# TRAINING SUPPORT EQUIPMENT

Polytronic can supply a variety of training support equipment that will add capability to any range. This includes consumable target boards and decals, through to steel targets and range props. The full selection of training support equipment has been designed with the end user in mind and is manufactured from the highest quality products available. Where possible, items are manufactured locally to reduce lead times and support local economies.

Steel Targets

Target Consumables

Support Equipment





# STEEL TARGETS

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Polytronic has a variety of cost effective engineered steel targets that provide immediate visual and audible hit and miss feedback to the firer. Supporting cognitive and associative shooter development.

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All targets are AR500 or AR550 steel and designed for heavy duty use. Stands and frames are made of a combination of AR500 and mild steel. Particular focus has been given to ease of assembly, operation and consumable part replacement.





### 8 Head Plate Rack Steel Target

A mobile steel target that has eight plates that are constructed from AR 500 steel. The plates are designed to be knocked down by bullet impact, and can be reset via a manual pull rope.

Dimensions 3325mm long, 1265mm wide, 1610mm high



### 6 Head Plate Rack Steel Target

The target frame is mild steel and designed to be modular for ease of transport. The six 200mm diameter ballistic steel target plates are secured using a fastening pin, the legs are attached with one central nut and the deflection plates can be fitted with no fasteners.

Heavy duty castors can be fitted if required.

Dimensions 2350mm long, 800mm wide, 1505mm high



### Duelling Tree Steel Target

The Duelling Tree Steel Target is constructed with a mild steel base, and has six 150mm target plates made from AR500 steel. Once the firer successfully hits the target plate, the force of the impact will pivot the plate to the opposite side. The target is angled forward at 20 degrees.

Dimensions 600mm wide, 751mm deep, 1492mm high



### Automatic Reset Steel Target

The automatic reset steel target has a mild steel base and stand, with a pivoting target plate made from AR500 steel. Once the target has been impacted by a round, it will pivot and reset, providing the firer with instant feedback.

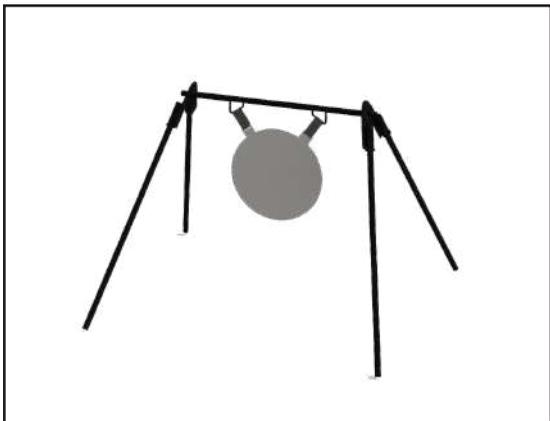
Dimensions 370mm wide, 600mm deep, 1054mm high



### Silhouette Target

The target consists of a multipurpose mild steel base, a ballistic steel stand and a torso target plate. The target plate measures 450mm wide x 675mm high to replicate a human torso that will ensure accuracy during engagement. There are no fasteners required as all pieces slot together allowing rapid construction.

Dimensions 1806mm high, 650mm wide, 400mm deep

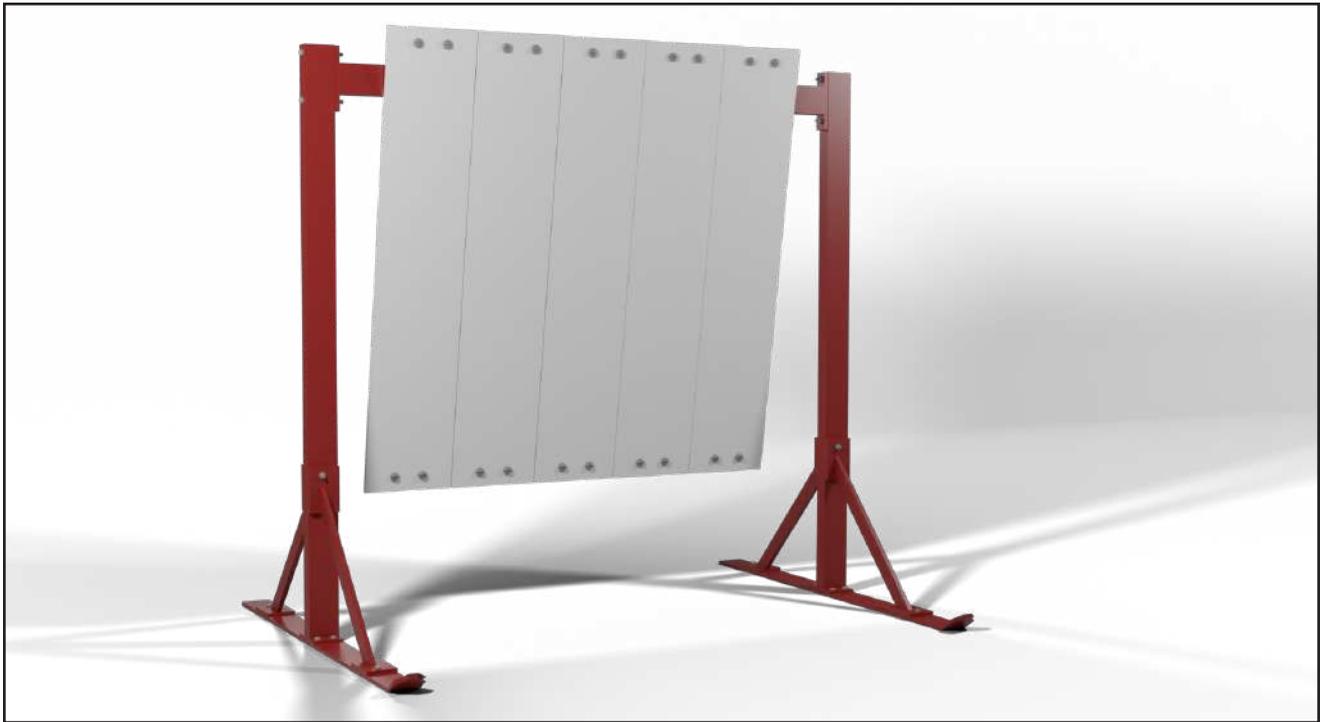


### Steel Gong Target

The Steel Gong Target consists of a 400mm diameter, 10mm thick, AR500 target plate suspended on a mild steel frame. The target is modular in design, and consists of two legs, a support bar and a target plate. This allows for the target to be easily handled, and quickly assembled.

Dimensions 1198mm high, 1306mm wide, 962mm deep





### 'Big Boy' .50 Cal Steel Target

A mobile steel target design consisting of five individual AR 500 steel plates, secured by two locking bars top and bottom of the rear face. Designed for portability and ease of deployment, allowing access into hard to reach locations and assembly by two technicians in less than twenty minutes.

Dimensions Target: 1500mm wide, 1500mm high Frame: 1800mm wide, 1862mm high



### Tank Steel Target

Polytronic can provide realistic full-size or scaled 3D steel targets suitable for AFV gunnery or anti-tank practices. These targets provide flash for visual feedback when struck and are incredibly robust allowing for repeated use. The pack flat for ease of transport and are easy to assemble. Targets are suitable for use with the full range of AFV and anti-tank munitions currently on the market.

Model Types	Dimensions	Weight
BMP	6680 x 2405 x 2405	2920 Kilogram
BTR-80	7762 x 2900 x 2316	2500 Kilogram
BRDM-2	5720 x 2235 x 2405	1640 Kilogram



### Spinner Target

Designed with long range engagements and portability in mind, the Spinner Target consists of two flat pack, 10mm thick AR500 steel silhouette plates that interlock, creating multiple faces allowing for target engagement across a wide frontage. On strike, the target will spin providing additional visual feedback while maintaining orientation to the shooter. The modular design allows for quick assembly and portability on and off the range.

Dimensions Target: 440mm wide, 800mm high  
Overall height: 1600mm



### Steel, Vital Zone Head and Chest Flapper

Deployable 10mm AR500 steel target with a 5° repose target stand with interchangeable steel plate capability. The target has two internal flapper plates within the vital zones that move when shot. Suited for pistol and rifle engagements.

Dimensions 750mm wide, 638mm depth, 1713mm height



### Energy Wash Steel Target

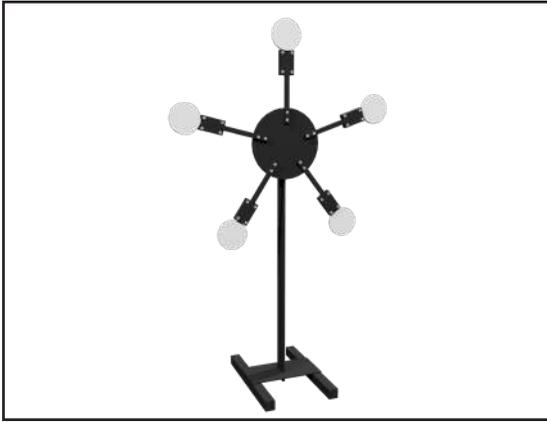
The energy wash target is a 10mm thick, AR500 E Type style head and shoulders silhouette seated atop an armoured frame, with a mild steel base. The target is angled forward 7 degrees.

Dimensions 750mm wide, 638mm depth, 1713mm height



### Steel Plate Challenge Set

These targets meet the requirements for competition as governed by the Steel Challenge Shooting Association. They consist of a common base plate, two different height ballistically protected stands; 1524mm (5ft) and 1706mm (5.6ft) and three variants of target plates; 250mm diameter circle, 300mm diameter circle and a rectangular plate measuring 450mm wide x 600mm high. The plates are fitted to the stand by placing them over the hook on the stand, removing the need for any fasteners. The targets can be supplied in a set or sold individually.



### Texas Star

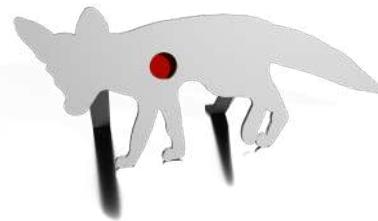
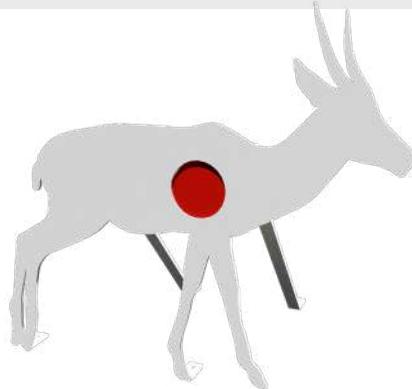
Designed for the shooter looking to take their skills to the next level. Secured at the ends of 5 extended arms, the Texas Star holds 150mm plates, laser cut from AR500 steel, with a spring retention system. When hit, the plates are released and fall to the ground. The change in weight distribution causes the hub and plates to rotate in alternating directions at varying speeds. The bearing mounted shaft maximize the speed and change of direction with each successful hit on the plates. Prepping the target is quick and simple, one person can insert the stem of the plate into the pocket and be ready to shoot again in less than 30 seconds.



### Double Arabian Star (DAS)

Bringing the next dimension to the Texas Star, the Double Arabian Star (DAS) will challenge even the most accomplished shooter. With two three arm stars each holding a 150mm laser cut AR 500 steel plate, joined by a single, bearing mounted cross arm the DAS will present the shooter with six targets with up to 6 different directions of movement in one exposure. Modular in design, the DAS is easy to transport and set up. Targets are held in position with the same proven spring retention system as found on our Texas Star and can be reset easily by one person in approximately one minute.

Dimensions	Dimensions	Target dimensions
Texas Star	960mm wide, 1862mm heigh	150mm diameter,
Double Arabian Star	1600mm wide, 1862mm heigh	120mm diameter,



### Gazelle and fox hunting Steel Target

A profile cut steel target representing an adult Gazelle or Fox. Ideal for medium range varmint practice, this lightweight, life size target is fitted with a spring return heart flap, providing a challenging target with instant feedback for short to medium range rifle shooters. Recommended for non-destructive ammunition in calibres up to .223/5.56mm

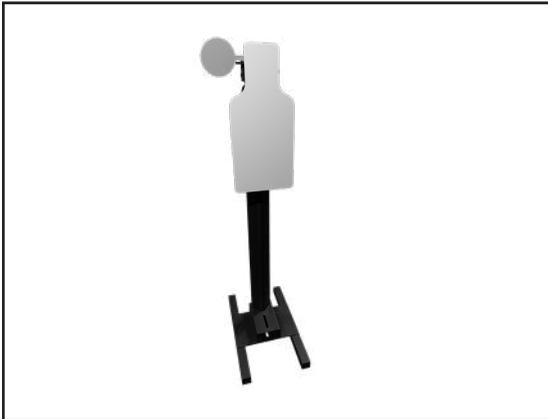
Model Types	Dimensions	Target dimensions
Gazelle	1137mm wide x 1000 heigh	150mm diameter
Fox	716mm wide x 290 heigh	100mm diameter



### Fall Down Popper

A staple in USPSA and numerous competitive formats across the world. The Fall Down Popper is quick and easy to set up, providing versatility to any steel range configuration. Suitable for non-destructive pistol and rifle calibres up to 5.56mm the laser cut AR 500 silhouette is ideal for multi calibre engagements from 12m. The Fall Down Popper can be used in concert as an initiator for subsequent target exposures. A robust design and low maintenance requirements make the Fall Down Popper ideal high-volume use.

Dimensions Target: 440mm wide, 800mm high  
Overall height: 1600mm



### Hostage Target

A simple to use target that can be rapidly deployed and easily set up, the Hostage target provides positive feedback through visual and audible stimulation. Designed to practice the shooter in target realignment, speed and accuracy the Hostage target is ideal for competition, professional skills development and recreational use. With the target components constructed from hardened AR 500 steel, it is robust and durable with minimal maintenance required.

Dimensions 280mm wide, 600mm target, 1713 height  
150mm diameter paddle



### Single & Duel Zone Tactical Target

An easily deployed target frame with laser cut AR 500 silhouette and the option of either a single or dual apertures with spring mounted flap that resets after each hit. The Single Zone has a single rectangular flap aperture in the centre of the seen mass while the Dual Zone has an added smaller Triangular Flap aperture in the centre of the upper portion of the target. Suitable for non-destructive ammunition in pistol and rifle calibre's up to 5.56mm, the target is ideal for the competition and tactical shooter looking to improve their speed and accuracy with immediate visual and audible feedback.



#### Single zone Dimensions

450mm wide, 1713mm height

450mm wide, 775mm height target

#### Duel Zone Dimensions

450m wide, 1713mm height

150mm x 200mm square paddle

115mm Trangle

# TARGET CONSUMABLES

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Polytronic has a comprehensive selection of target consumables, which include a variety of target boards, decals and fabric socks to support the sustainment of a range.

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These designs are by no means limited and can be adjusted to suit any client's requirements.





### Figure 11, 8mm Polycarbonate Target Board

Target board constructed from 8mm Polycarbonate with enemy combatant image on one side, and a zeroing target on the alternate side. Lightweight and recyclable.

Dimensions 460mm wide, 1229mm high, 8mm thick



### Figure 12, 8mm Polycarbonate Target Board

Target board constructed from 8mm Polycarbonate with reduced size enemy combatant image on one side. Lightweight and recyclable.

Dimensions 460mm wide, 790mm high, 8mm thick



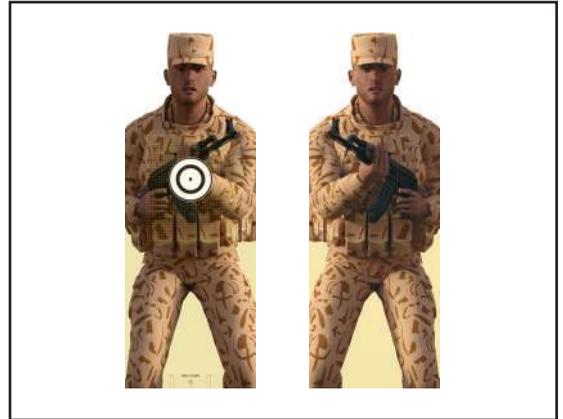
### Figure 11, 8mm Polycarbonate Target Board Realistic Image Dual Sided

Human, AK47, with 300 x 370mm 10.0mm cross hatch and aiming circle, profile cut for core flute. This target is dual sided with reverse side mirrored with vital zone outline. Desert and Jungle Cam available.

Single sided targets with or without hatching/vital zone available. Can provide appropriate hatching on request to match weapon site adjustments at preferred zero distance.

Other positions available, Fig 12, Fig 13 and custom positions or crew available at request.

Dimensions 460mm wide, 1229mm high, 8mm thick



### Figure 11, Self Healing Plastic Target Board

A target board constructed from self-healing plastic, with the image of an enemy combatant printed on the face. The target has a series of channels impregnated into the target to improve stability and strength. This is our most durable board, taking the most shots per square meter and having proven performance in both high and low temperature environments.

Dimensions 460mm wide, 1229mm high, 4mm thick





**Figure 12, Self Healing Plastic Target Board**

A target board constructed from self-healing plastic, with reduced size enemy combatant image on one side.

Dimensions 460mm wide, 790mm high, 4mm thick



**Figure 11, Self Healing Plastic Target Board Realistic Image**

Original plastic coffin shaped target: W457 x H1220mm, D16mm. Options available to have our Fig 11 Human printed onto the plastic target, and also with a flat chest zone. With choice of both 3 slots and 4 slots.

Dimensions 460mm wide, 1229mm high, 4mm thick



**Target Board, CQB Dual, 8mm Polycarbonate**

The CQB Duel Target Board is made from 8mm Polycarbonate, and is designed to be fixed to the static target posts. It can accommodate up to two of the large decals such as Operator Standards and Combat Marksman, or multiple CQB decals.

Dimensions 900mm wide, 750mm high, 8mm thick



### Target Sock, Fig.11 w/Fig.12 High & Huns Head

A target sock designed to fit over a Figure 11 target board with a Figure 12 target printed on one side, and a huns head on the alternate side.

Dimensions 460mm wide, 1229mm high



### Bagman Target

Plastic target bag with an image of an individual in military attire holding an AK-47 in an aggressive stance.

Dimensions 595mm wide, 1100mm high



### Target Sock, Fig. 11, Lateral Running Man

Left and right armed combatant image printed on alternate sides of a fabric sock.

Dimensions 480mm wide, 1190mm high



Polytronic's **in-house design team** can create customized target images to suit any training objectives.



### Target Socks

A variety of combatant, military and civilian versions with friend and foe images printed on alternate sides of a fabric sock.

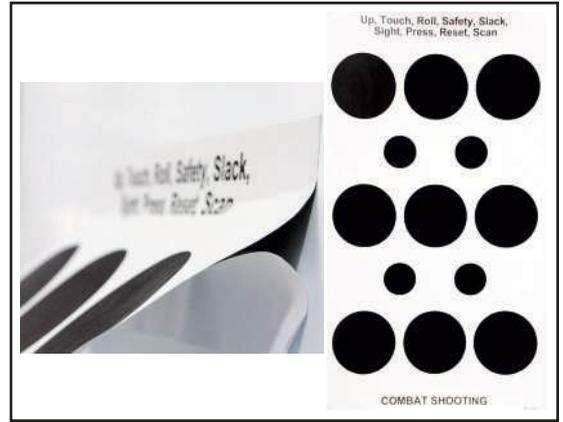
Dimensions 460mm wide, 1229mm high



**Target Decal, Combat Shooting, Multiple Grouping Circles, Black on White**

Black and white, UV resistant vinyl sticker decal with a series of alternating black dots on a white background. Small dots are 50mm diameter, and large dots are 100mm diameter which support carbine and pistol training.

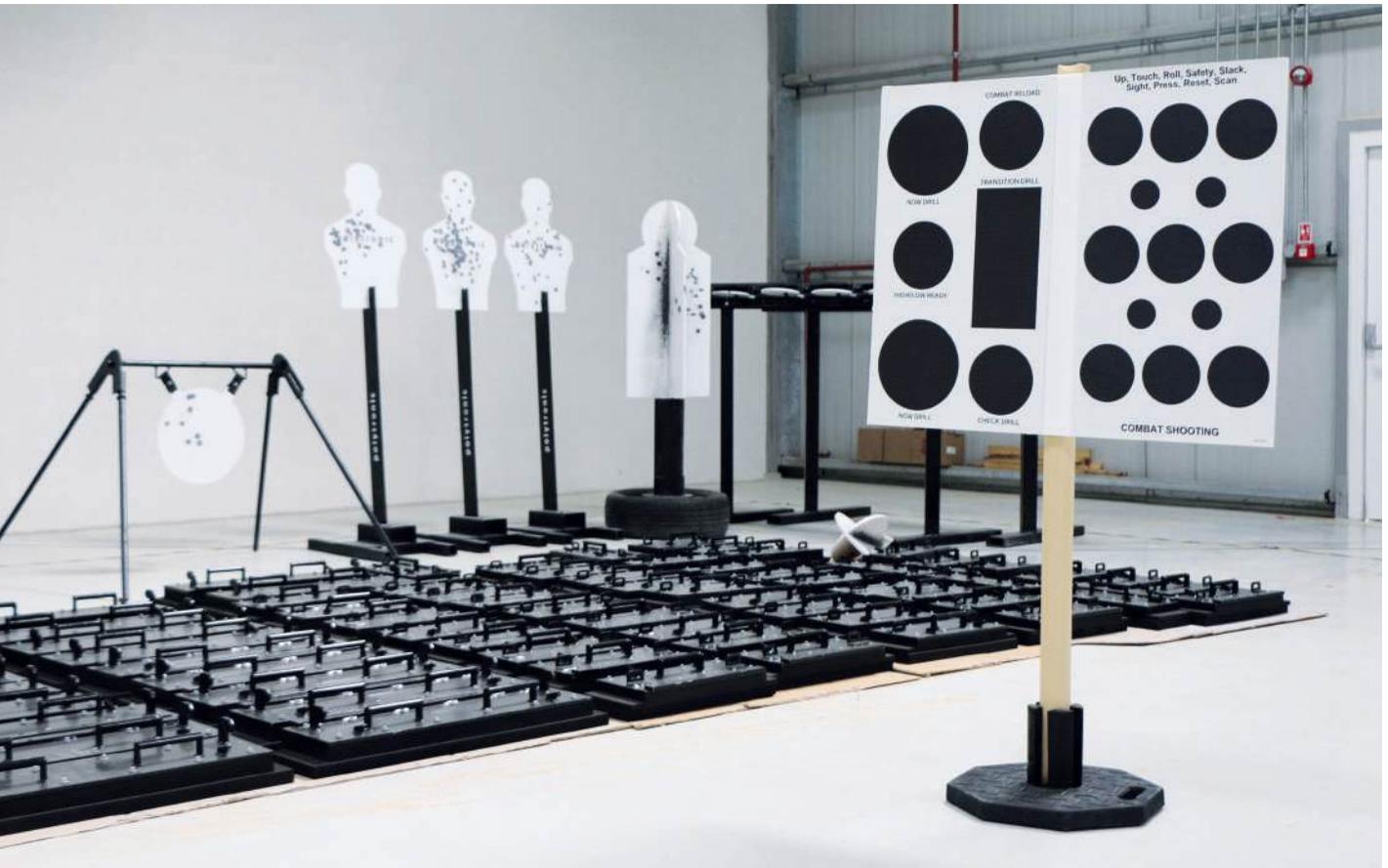
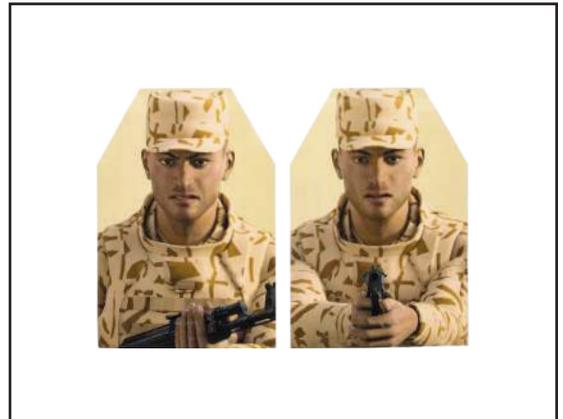
Dimensions 450mm wide, 700mm high

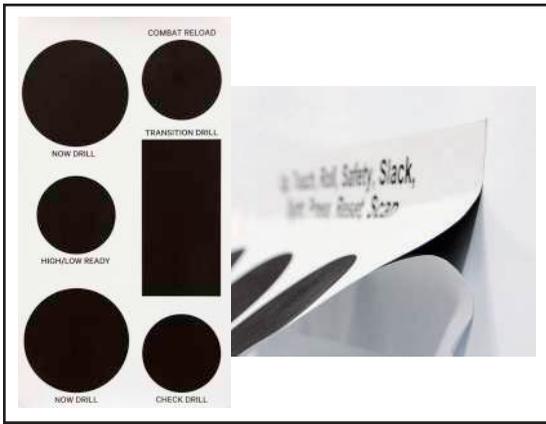


**Decal Pack 1, 4 x Figure 11, Friend or Foe, Military, Self-Adhesive**

Military friend and foe images printed on a UV resistant vinyl sticker decal.

Dimensions 450mm wide, 650mm high





### Target Decal, Combat Shooting, Operator Standards, Black on White

Black and white, UV resistant vinyl sticker decal with a series of black shapes on a white background. Each of the shapes correspond with a specific weapon handling drill and shooting standard.

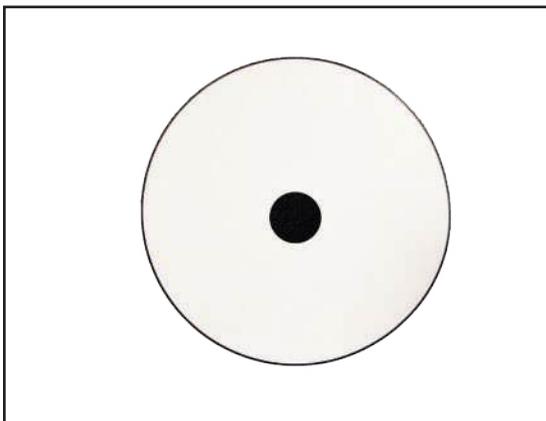
Dimensions 450mm wide, 700mm high



### Target Decal, Drop Head Target Face

Male and female friend and foe images printed on a UV resistant vinyl sticker decal.

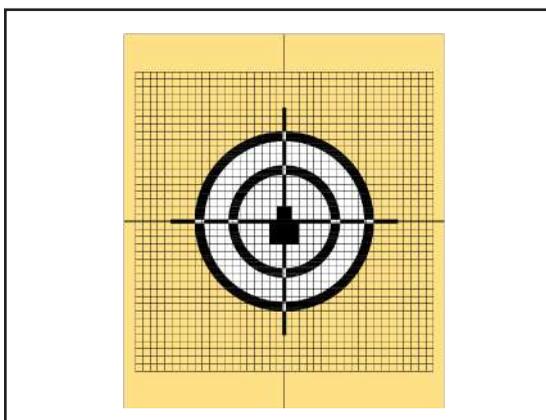
Dimensions 200mm diameter



### Target Decal, CQB, Single Circle Aiming Mark, 150mm Diameter

Black and white, UV resistant vinyl sticker decal with a black 25mm circle in the middle on a 170mm white background.

Dimensions 170mm diameter



### Target Decal, Group and Zero

The group and zero decal is designed to be used with the Figure 11 SRPP target board. When a group and zero practice is required it will be applied to the face of the target board, and once the practice is complete it can be removed, and regular practices can commence.

Dimensions 430mm x 500mm

# SUPPORT EQUIPMENT

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The range of Polytronic support equipment can be used in conjunction with the installed targetry to create complex training scenarios.

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The use of this equipment is intended to provide the firer with a certain level of realism whilst operating in a simulated combat environment. All of the support equipment is made from ballistically safe products, that ensures the surface is non-ricochet inducing if it is impacted during live fire training.

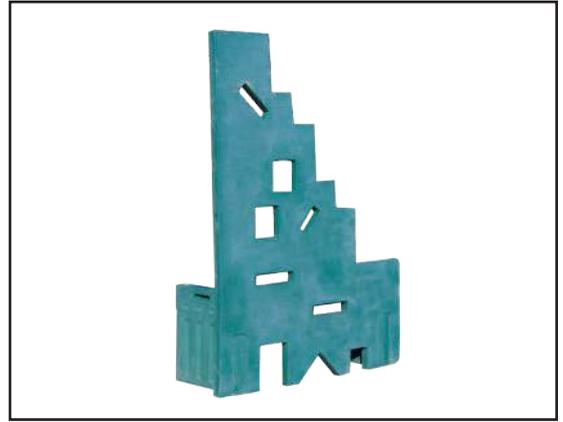




## Firing Point Prop

This Firing Point Prop is an advancement on the original design and is constructed from 100% recyclable and non-ricochet inducing rotomolded plastic. It incorporates a façade and two support legs which can be quickly assembled together, and the support legs can be filled with water or sand to increase stability and rigidity. The façades can be made in a variety of colours and can also be enhanced with the use of textural decals to increase realism.

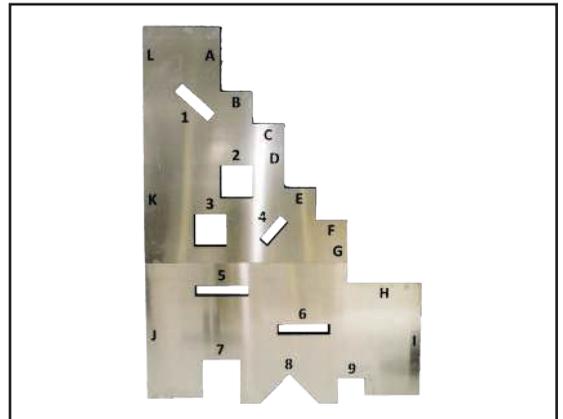
**Dimensions** Façade: 1200mm wide x 1800mm high x 50mm thick  
Support legs: 480mm wide x 510mm high x 75mm thick



## Firing Point Prop Stencil

The Firing Point Prop Stencil is a 3mm aluminium stencil that is used to label each of the alpha-numeric apertures. These apertures correspond with a series of programs that have been preloaded into AROS that exposes firers to different firing positions. The stencil is supplied in a pair so that each side of the barricade can be painted to facilitate left and right-handed

**Dimensions** Façade: 1318mm wide x 1800mm high x 40mm thick  
Support legs: 749mm wide x 600mm high x 40mm thick





### **Bollard Base, Heavy Weight Rubber, Octagonal, 110mm Centre Hole**

A purpose-built stand incorporating a solid metal base and strengthened rubber legs.

Dimensions 420mm diameter, 40mm high



### **Support Base, Black Rubber with Strengthened Rubber Legs**

A purpose-built stand incorporating a solid metal base and strengthened rubber legs.

Dimensions 165mm wide, 210mm high



### **Post, 50 x 50mm Square Profile x 1.5m Long, Low Density Polyethylene, Beige Colour**

An extruded polyethylene stake that is designed to have target boards attached to it. These stakes can be used independently in conjunction with the stand and weight, or in the holder on the rear of the target bank.

Dimensions 50mm square, 1.5m long



### **Drop Head Plate Target**

A plastic target plate made from a self-healing plastic compound that is designed to pivot backwards upon impact.

Dimensions 200mm wide, 285mm high, 55mm deep, 3mm thick





### UN210LT Closed Top Plastic Drum

The Plastic 44 Gallon Drum is made from high quality UV-Stabilized polyethylene material. They are a cost effective solution to mark out course of fire for shooters on the firing range.

Dimensions 600mm diameter, 880mm high



If your organization requires a piece of support equipment that is not in this catalogue, Polytronic's talented team of engineers, designers and range training experts can facilitate its manufacture.

### 3D, Plastic, Mannequin, Drop Head

Plastic mannequin – H1800mm. Rubber drop head and vital zone supplied separately. Designed for use with the rubber drop head target. When the rubber head or vital zone is shot the mannequin topples over. Provides realism for live fire range scenarios.

Dimensions 1800mm high, 455mm wide



### 3D, Rubber, Drop Head and Vital Zone

Solid rubber head with vital zone. Mannequin supplied separately. Designed for use with the drop head mannequin. When the rubber head or vital zone is shot the mannequin topples over.

Dimensions 435mm high, 165mm diameter



### 3D, Plastic, Target Mannequin, Threaded Base Head and Spine

Plastic mannequin, head and spine – H1800mm. Provides realism for live fire range scenarios.

Dimensions 250mm diameter, 1500mm long



### 3D, Plastic, Drop Head Target

The 3D Plastic Drop Head Target has articulating arms and the ability to grip weapons and range props. The target head is attached to the body via a lanyard. When the target is hit in the head or chest, the head will drop, causing the mannequin to fall.

Dimensions 2000mm high, 460mm wide





### Non Ballistic Wall Panel Packs

This product is made from ballistic safe and recyclable self-healing plastic with innovative locking system that is simple yet strong and versatile. The system has an array of connectors that allows Range Staff to rapidly assemble complex structures without the need for special tools.

This system has 3 major components: Wall Panel, Window Panel, and Door Panel. To connect the panels, Multi-Joiner Slides are used in conjunction with Triangular Corner Braces. These structures can be combined with our 9-Hole Walls and full-scale Plastic Vehicles Mock-Ups, to create safe realistic training environments for live-fire and simmunition.

The system can be purchased as a standard room pack, which includes 32 Wall Panels, 4 Doors Panels, and 8 Window Panels. Or Polytronic will work with you to design your own custom floor plan to meet your unique needs.



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### Decal Pack, Multi-Room Wall Paper, Self-Adhesive

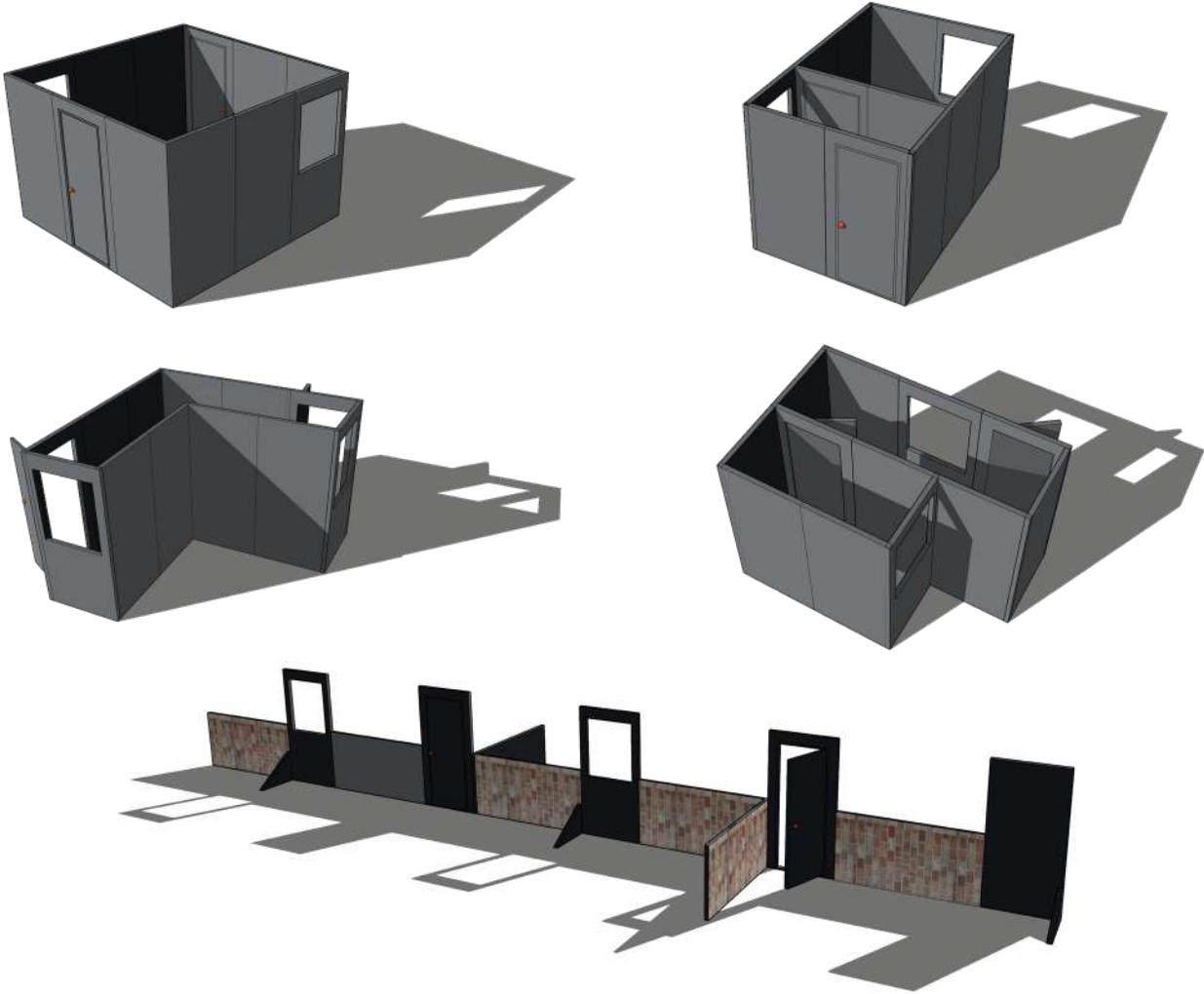
Wall texture decals designed to add realism in live fire scenarios and support cognitive decisions regarding cover options.

Dimensions	Each sheet 1200mm wide, 2200mm high
1 pack contains	10 of each texture Brick, Concrete / Stone, Corrugated Iron, Wood, Full Decal Wall pack.



In the unrelenting search to combine realism and safety in the live fire training environment, Polytronic Training Support Equipment continues evolving to meet your requirements.

## Configuration Examples



We design and configure any room to meet your needs.



Wall Panel



Window Panel



Door Panel Assy



# MULTI-ROOM FURNITURE PACK





### Multi-Room Furniture Pack

Five robust furniture pieces that have been rotationally moulded from ballistic safe plastic. Each item has been designed with structural reinforcement to ensure rigidity and is suitable for the application.

Dimensions	
	Desk: 730mm high, 1500mm long, 800mm wide
	Couch: 800mm high, 1500mm long, 600mm wide
	Filing Cabinet: 1320mm high, 640mm long, 500mm wide
	Single Bed: 750mm high, 2300mm long, 900mm wide
	Office Chair: 850mm high, 600mm long, 500mm wide

1 pack contains	Pack with the following quantities: Desk (2), Couch (2), Filing Cabinet (2), Single Bed (2), Office chair (4)
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# VEHICLE MOCK-UP BALLISTIC SAFE FULL SCALE TANK / SEDAN / SUV

## Tank

Full scale Main Battle Tank (MBT) is to scale and provides firers the ability to engage a 3 dimensional realistic target. The MBT has limited self healing capabilities from small arms and is capable to survive repeated engagements by larger calibre weapons. The MBT is 100% recyclable, a six piece modular design and extremely cost effective. T3426BT can be e6960ved in a static or mobile configurations.

Dimensions 3426mm Wide x 6960mm Long x 2170mm High

Weight 595 Kilogram





### Sedan

The ballistic safe vehicle is a full-scale sedan made from high quality UV-Stabilized polyethylene material. This ensures that the vehicle is non- ricochet inducing and can be safely used in any range environment. The vehicle comes in five separate sections and is assembled on-site.

Dimensions	1839mm Wide x 4936mm Long x 1513mm High
Weight	350 kilogram



### SUV

The ballistic safe vehicle is a full-scale SUV made from high quality UV-Stabilized polyethylene material. This ensures that the vehicle is non- ricochet inducing and can be safely used in any range environment. The vehicle comes in five separate sections and is assembled on-site.

Dimensions	1920mm Wide x 4728mm Long x 1854mm High
Weight	395 Kilogram

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# CONTACT US

For more information on any of the products contained in this catalogue email -

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your aim is our target

