



# STEEL TARGETS



## ***STEEL TARGETS PATIP***

PATIP Ltd. specializes in the development, manufacture and sale of metal target systems exclusively made of hardened steel (500HB).

Our products are mainly used by special police units, sports shooting clubs, civic associations dedicated to self-defense but also the general public shooting in Slovakia, the Czech Republic, Austria, Hungary, Belgian, Germany, USA, Finland Switzerland... Targets and systems made by us are continuously improved, tested and consulted with representatives of the armed forces, with the scientific community, sport shooters, so that we can react flexibly to the requirements specified in more detail by our customers and meet their individual needs.

### **Why to choose our products?**

- Universal and multiple use
- Can be used at all times and in all weather conditions.
- We offer unique target mechanisms with automatic reset or exposure to affected areas after each intervention.
- Fragments of bullets can be captured by traps.
- Simple operation, maintenance and transportation.
- Highly resistant hardened steel with a hardness of 500 Brinell is used.
- After the intervention of the target plate by a bullet, the bullet forward substantially all of its kinetic energy to the target and own plastic deformation. Only the minimum residual energy is used to repel bullets from the target plate. To ensure managed trajectory of bullet reflection our targets are inclined at an angle so that the trajectory of the bullets went to the ground and thus prevent damage to the target and injury to the shooter. By controlling the trajectory of the bullet extends the life of our targets and the safety of their use. But everything, including our metal target can be damaged, especially by misuse. These adverse effects are minimized by using high quality materials and PATIP design itself.
- We offer a wide range of products that can be combined with each other very well.
- Our targets are designed for interventions by calibers from all short and long firearms except armor-piercing shots
- special snipers targets till .50 BMG

# ***Technical Specification***

## **Steel Plate:**

Material: Hardox 500 or Armox 500 (on request)

Material thickness: 6-20 mm

Dimensions: The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation) and International Defensive Pistol Association (IDPA). The dimensions can be adapt according customers request. The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation)

Surface treatment: all PATIP targets are painted with ground color in combination black, white, red, yellow and blue. The target color or surface treatment can be adapting according customer's request.

Durability: for hand guns lifelong use. Durability by rifle is depend of used calibre.

## **Holder and rack:**

Material: structural steel or Hardox 500 (on request)

Material thickness: depends on target construction.

Dimensions: The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation) or International Defensive Pistol Association (IDPA). The dimensions can be adapting according customer's request.

Surface treatment: all PATIP targets are painted with ground color in combination black and blue. The target color or surface treatment can be adapting according customer's request.

Durability: all holder and rack are designed like consumer durable goods.

## SAFETY FIRST

1. Always Maintain shooter's Minimum Safe Distance of:

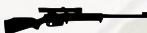
9 meter for handguns



Minimum Safe Distance 9 meter



50 meter for rimfire rifles



Minimum Safe Distance 50 meter



100 meter for centerfire rifles



Minimum Safe Distance 100 meter



Shooter shall not get closer than these distances to any PATIP Targets. All others should stay behind the line of fire.

2. Always wear approved safety glasses & ear protection when shooting or observing shooting at any PATIP Targets.

3. Never fire a gun under the influence of alcohol or drugs.

4. Do not use jacketed ammunition, as this increases the likelihood of bullet ricochet.

5. All shooters must be trained & qualified in the proper and safe use of firearms.

6. Minors shooting at targets must do so under proper and qualified adult supervision.

7. Always inspect the targets before & after use for proper and safe operation. Do not use a target if any damage or improper operation is found.



Hardened steel



mild steel



## ***PORTABLE KNOCK-DOWN POPPERS***

- Knock-down reactive silhouette targets
- Adjustable pitch angle
- Multiple (lifetime) use
- Through hardened 500 Brinell steel
- Designed for short and long firearms
- Reversible target plate
- Easily replaceable target plates on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police.

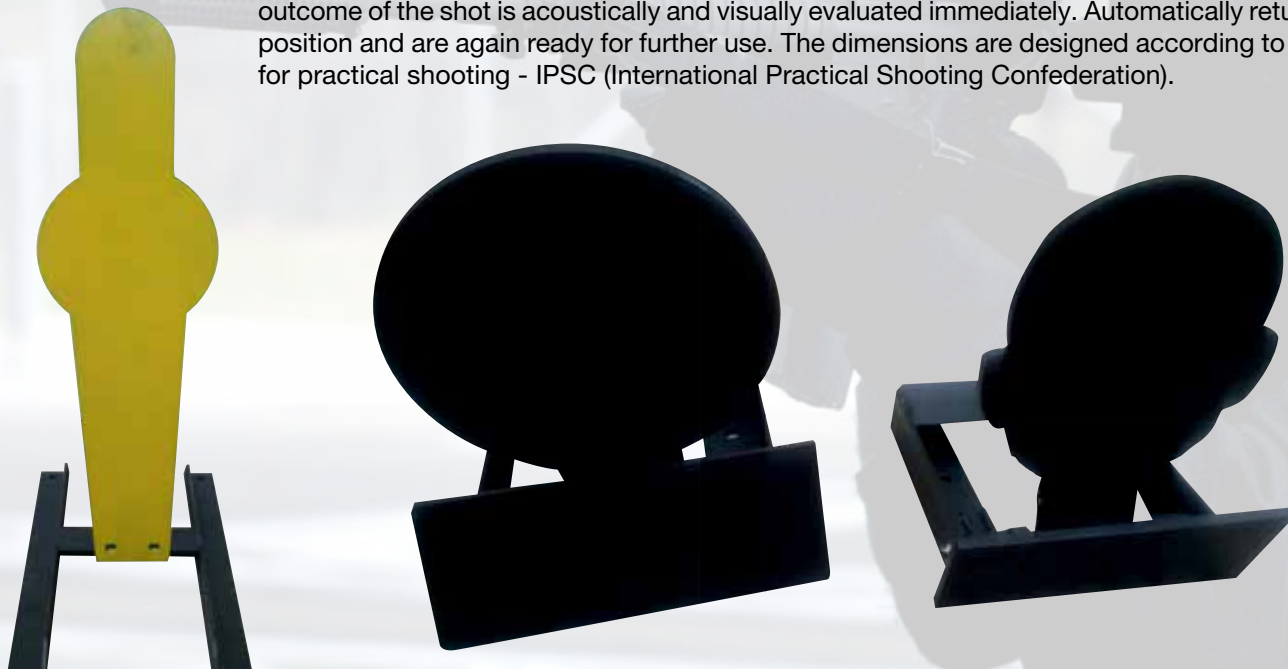
These falling poppers are most popular and most used targets ever. The outcome of the shot is acoustically and visually evaluated immediately. The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation). You can adjust a different pitch angle of the target and thus achieve delayed falling-down of the target after multiple consecutive shots. Falling popper can be adjusted for any type of ammunition with different impact energy necessary for its downing. The target plate can be easily reversed to allow shooting on both sides of the popper and you can effectively change the nature of the stage.



## ***REVERSE POPPERS AND GONGS***

- Reverse reactive silhouette targets
- Through hardened 500 Brinell steel
- Designed for short firearms
- Easily replaceable target plates on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police.

These training poppers are very convenient to use for training of silhouette shooting at short and long distances. The outcome of the shot is acoustically and visually evaluated immediately. Automatically return to the starting position and are again ready for further use. The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation).



## ***COMBINED TARGETS***

- Knock-down reactive silhouette targets with lifting equipment for one or two paper target.
- Adjustable pitch angle
- Multiple use
- Through hardened 500 Brinell steel
- Designed for short and long firearms
- Reversible target plate
- Easily replaceable target plates on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police.

These falling poppers are the most popular targets ever. The outcome of the shot is acoustically and visually evaluated immediately. The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation). You can adjust a different pitch angle of the target and thus achieve delayed falling-down of the target after multiple consecutive shots. Falling popper can be adjusted for any type of ammunition with different impact energy necessary for its downing. The target plate can be easily reversed to allow shooting on both sides of the popper and you can effectively change the nature of the stage.





## ***HOLDERS FOR PAPER TARGETS***

- Stable platform to hold paper targets by wooden pegs in angle 45° or 90°
- Designed for short and long firearms
- Lightweight, easily transportable
- Ideal for tactical training scenarios according to preestablished scenarios
- Designed to reliably meet its function even in demanding conditions of the army and police

Metal holders are suitable to use for tactical training shooting at short and long distances. The dimensions are designed to permit the use in the army, police and for practical shooting - IPSC (International Practical Shooting Confederation).





## ***IPSC TORSO, IPSC TORSO WITH MOVING ALPHA ZONE***

- Static or moving silhouette target
- Multiple use
- Firm pitch angle
- Through hardened 500 Brinell steel
- Designed for short and long firearms
- Realistic training process
- Easily replaceable target plates on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police

This static target is suitable for a training shooting and replaced traditional paper targets. The outcome of the shot is acoustically and visually evaluated immediately. The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation).



## ***IDPA, BODY, HOSTAGE TORSO***

- Static silhouette target with reversible target zone
- Multiple use
- Create realistic exercises and habits
- Through hardened 500 Brinell steel with respect to safety and durability
- Designed for short and long firearms
- Realistic training process
- Easily replaceable target plates on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police

This static target is suitable for a training shooting and replaced traditional paper targets. The outcome of the shot is acoustically and visually evaluated immediately. After the intervention of the offender silhouette, the target plate will swing over to the opposite side each time and allow immediate re-use. This target simulates a hostile threat hiding behind an innocent bystander. During the training are created realistic exercises and habits. The dimensions are designed according to the real dimensions of the human body.



## ***TORSO WITH VITAL ZONES***

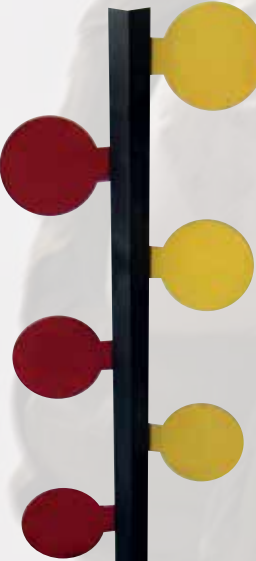
- Static silhouette target with reversible target zone
- Multiple use
- Create realistic exercises and habits
- Through hardened 500 Brinell steel with respect to safety and durability
- Designed for short and long firearms
- Realistic training process
- Easily replaceable target plates on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police

This static target is suitable for a training shooting and replaced traditional paper targets. The outcome of the shot is acoustically and visually evaluated immediately. After the intervention the target zone will flip and visually identify the affected area. During the training are created realistic exercises and habits. The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation).



## ***DUEL TREE***

- Reactive back and forth silhouette target
- Through hardened 500 Brinell steel
- Designed for short or long firearms
- Suitable for dueling shooting
- Reset of target by its own weight – gravity reset
- Dedicated to the training of speed and accuracy
- Reversible target plate D 200 mm
- Easily replaceable target plates on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police



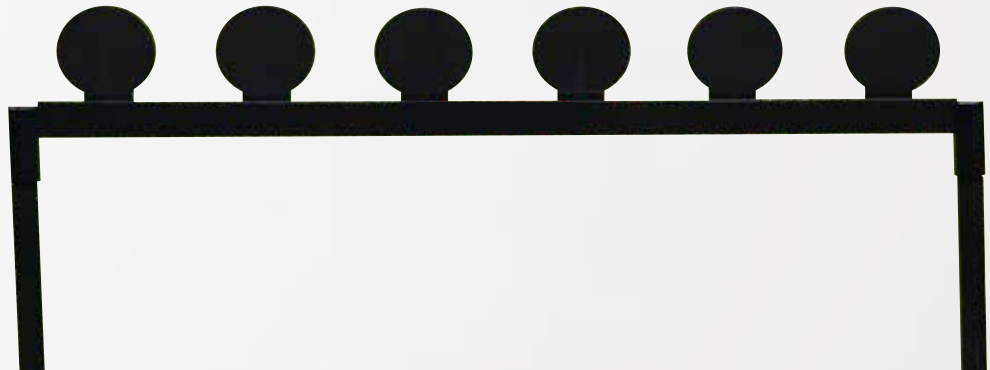
Two shooters begin, each with three targets on their side of the tree. At the start command, they fire at the targets on their respective sides. When a target is hit, it swings over to the opposite side. Trouble is, the other guy is knocking them back over to your side at the same time. The first one with all the targets resting on his side loses. Forget the old and traditional dueling because this duel is in your face. If you miss, you lose. If you don't reload fast enough to keep up, you lose. No arguing, no excuses.



## ***RACK WITH FOLDING TARGETS***

- Knock-down action silhouette target
- Variable silhouette shapes ( gongs, animals, figures, pins ... )
- Multiple use
- Through hardened 500 Brinell steel
- Designed for short or long firearms
- Easily replaceable target plates on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police.

Cover plate designed through hardened 500 Brinell steel with respect to safety and durability. After you knock the targets down, set them up again by pulling the cable attached to the reset lever. The rack can be delivered with pneumatically actuated system on request. These falling targets are very popular at IPSC competitions or normal shooting training because acoustically and visually evaluated immediately result of the intervention. Target silhouettes can be easily replaced by other animal silhouettes according to IMSSU (International Metallic Silhouette Shooting Union). The dimensions of gongs and plates are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation).



## ***SNIPER GONGS***

- Static or moving silhouette target
- Multiple use
- Through hardened 500 Brinell steel
- Designed for long firearms till calibre .50 BMG
- Easily replaceable target plates
- Both side use
- Designed to reliably meet its function even in demanding conditions of the army and police

This static target is suitable for a training shooting and replaced traditional paper targets. The outcome of the shot is acoustically and visually evaluated immediately. The dimensions of gongs and plates are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation).



## ***GONGS, PLATES AND SILHOUETTES***

- Static or folding silhouette target
- Multiple use
- Through hardened 500 Brinell steel
- Designed for short and long firearms
- Easily replaceable target plates on universal base
- Both side use
- Designed to reliably meet its function even in demanding conditions of the army and police

This static target is suitable for a training shooting and replaced traditional paper targets. The outcome of the shot is acoustically and visually evaluated immediately. The dimensions of gongs and plates are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation). Dimensions of silhouettes are designed according to IMSSU (International Metallic Silhouette Shooting Union).



## ***MOVING TARGETS - SWINGERS***

- Swinging platform to hold paper targets by wooden pegs
- Single or multiple construction/layout
- Designed for short and long firearms
- Lightweight, easily transportable
- Ideal for tactical training scenarios according to preestablished scenarios
- Designed to reliably meet its function even in demanding conditions of the army and police

Swinger targets let you economically incorporate moving targets into your training program. It provides side to side motion that simulates a dodging suspect or a suspect hiding behind cover. The movement of swinger target is realized by counterbalance mechanism and cord. Swinger target can be activated by shooting down the popper, opening the door, or by pulling the cord.





## ***DROP AND TURN TARGET***

- Gravity powered turning action
- Simple setup and control
- Exposure time of target is 1.5 second or 2 x1.5 second
- Ideal for tactical training

Drop and Turn target is a gravity-operated portable turning target that doesn't require additional power of any kind. It can be activated by Popper or by pull cord of simple activating mechanism. It is ideal way how to cheap and simple train your shooting under the stress condition. A cardboard target mounts to the frame and begins in the edged position unavailable to the shooter. When activated, the target begins its vertical drop and then suddenly turns 90 degrees to face the shooter. As the target continues to drop, it turns back 90 degrees and finishes in the edged position. Simply lift the target straight up to reset it and start the scenario again. The speed of the drop-turn motion can easily be adjusted and a simple pull cord can initiate the action.

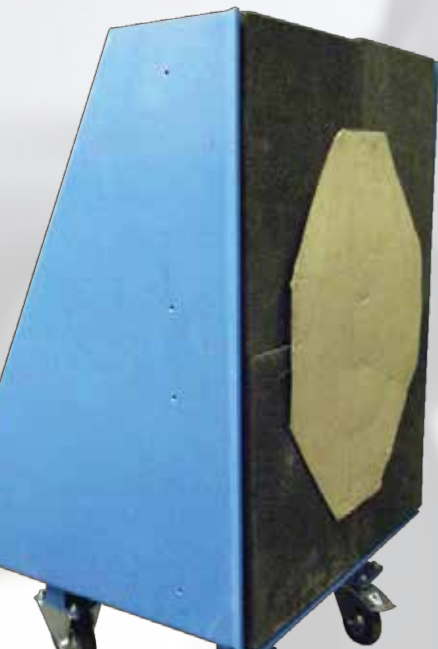
The Drop and Turn target lets you train for spontaneous threat situations and high-speed combat reaction with extreme simplicity and portability. By using 3 or 4 units in the same scenario, you can mix no-hoot targets in with the bad guys and train for multiple adversaries and threat recognition. Drop and Turn target can be effectively used as a standard or bonus target for IPSC competitions.



## ***MOBILE BULLET TRAP***

- Static or mobile bullet containment
- Multiple use of ballistic rubbers
- Through hardened 300 or 500 Brinell steel
- Designed for short or long firearms
- Easily replaceable rubber blocks on universal base
- Designed to reliably meet its function even in demanding conditions of the army and police.

Mobile bullet trap with ballistic rubbers is designed for use in closed environment or shoot-houses. With this mobile bullet containment you can use all parts and corners of your shooting place. It will increase effectiveness of learning and shooting training. By using our bullet trap on four wheels you can also create attractive shooting area even in small shooting places. Mobile bullet trap with rubber blocks is suitable platform to hold any paper target by metal pegs.



## ***BALLISTIC RUBBER***

Dimension: 500x300x200

Density: min 850 -1000 kg/m<sup>3</sup>

Hardness: cca 60

Color: Red, Black

Fire resistance: DIN4102-B2

Soundproofing DIN 52212

Manufactured from high density, vulcanized recycled rubber material, the ballistic rubber block is designed to stop bullet penetration (i.e., similar to a bullet trap) into infrastructure, ricochet, shrapnel “back splatter” and “bounce back” from rounds fired at close range. Each block measures 500x300x200 and weighs 25 kg for easy handling. Ballistic blocks are capable of stopping and encapsulating both low velocity and high velocity (i.e., 9mm, .357, .45, .308, 5.56, etc.) ammunition.



## ***HANGING TARGETS***

- Hanging silhouette target
- Through hardened 500 Brinell steel
- Designed for short and long firearms
- Dedicated to the training of speed and accuracy
- Reversible target plate
- Designed to reliably meet its function even in demanding conditions of the army and police

The outcome of the shot is acoustically and visually evaluated immediately. The dimensions are designed according to the current rules for practical shooting - IPSC (International Practical Shooting Confederation). The target plate can be easily reversed to allow shooting on both sides of the target and you can effectively change the nature of the stage.

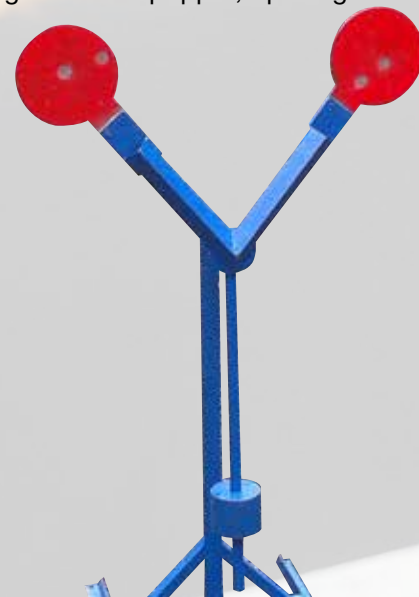
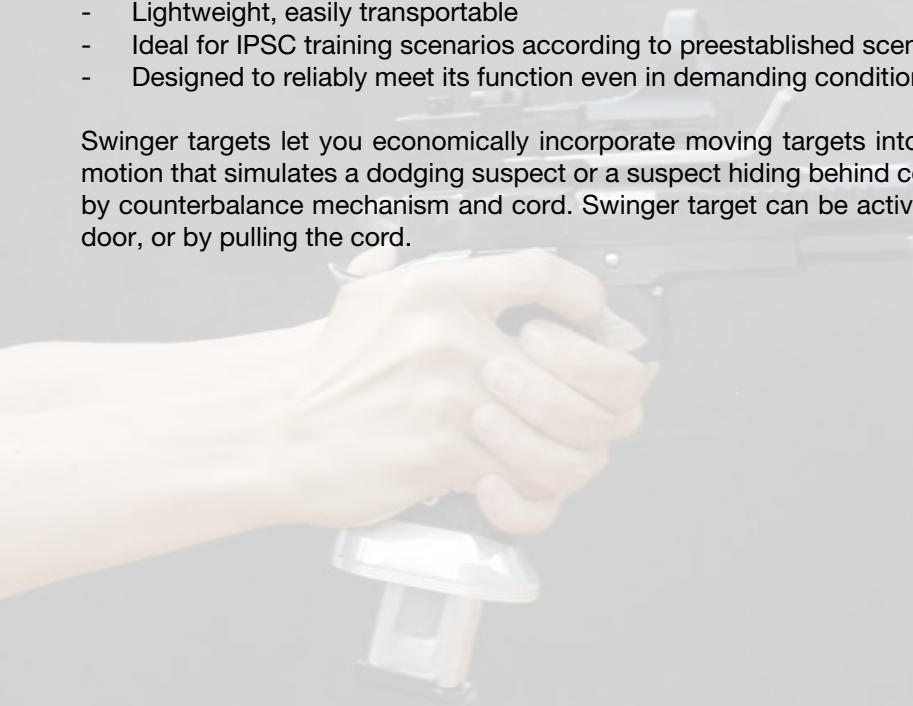




## ***GONG SWINGER***

- Swinging platform to hold steel gongs
- Through hardened 500 Brinell steel
- Designed for short and long firearms
- Lightweight, easily transportable
- Ideal for IPSC training scenarios according to preestablished scenarios
- Designed to reliably meet its function even in demanding conditions of the army and police

Swinger targets let you economically incorporate moving targets into your training program. It provides side to side motion that simulates a dodging suspect or a suspect hiding behind cover. The movement of swinger target is realized by counterbalance mechanism and cord. Swinger target can be activated by shooting down the popper, opening the door, or by pulling the cord.



## ***PAPER TARGETS***

- IPSC Targets - Official USPSA/IPSC CARDBOARD target. White on one side and brown on the reverse.
- All types of the paper standard or custom targets.
- Real photo targets
- Sniper targets



## ***CUSTOM TARGETS***

Take aim and fire at custom steel shooting targets from our company in Trnava, Slovak Republic. Targets provided by Patip Steel Targets are made of the highest quality materials and can withstand shots from any handgun or rifle. Use your own design for your custom targets to improve your accuracy, speed, and maneuvering of your weapon. Contact us to order steel targets that assist with improving your shooting accuracy. You know what, we know how!

Patip Steel Targets



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