

Elite Target Systems

Introducing

Elite Target Systems

“The ultimate target system a shooter didn’t know they needed”

TARGET MARKET:

- Hunters
- Competitive Shooters
- Recreational Shooters

FEATURES:

- Steel Base Design
- Reactive Target Option
- Solar Charger

PATENT INFORMATION:

A provisional patent was filed and it is in patent pending status.

SUMMARY:

Benjamin Spencer’s Elite Target System is the ultimate target system a shooter didn’t know they needed. This system allows shooters to also be independent of shooting ranges and can carry with them wherever they need it. The system is designed with the base being a shoe size-shaped steel box that houses electrical components as well as a solar panel on the back side to keep accessories charged. On the front side of the box is attached an AR400 steel plate to protect housing and

components when shooting. The bottom sides of the box housing would come with optional steel anchors to set in place into the ground for extra stability. On top of the housing box sits a camera attached to the front end, angled 45 degrees to look up at targets via Bluetooth with the shooter’s phone. On each side, on top of the box housing sits 2 lights facing the target that triggers when the shooter gets a hit on the target. On top on the back end of the box housing is the target resettable arm and paddle assembly with vertical box housing. In front of the target arm is an AR400 steel plate to protect the arm post. For this function, the shooter would shoot at a target from 300 yards max distance or closer. The custom target would have a 1-3 inch diameter hole that the shooter would fire through to hit the paddle located behind the hole. Once the teeter-totter paddle is hit, the lights would flash red and the arm would actuate a micro switch to signal the control of the target holder arm. The target arm would rotate 90 degrees outward and after a 3-second delay, the arm would rotate back in place to its original position. The target system would also come with additional target shooting options sold separately. Ben knows this would be a shooter’s dream come true.

For more information:

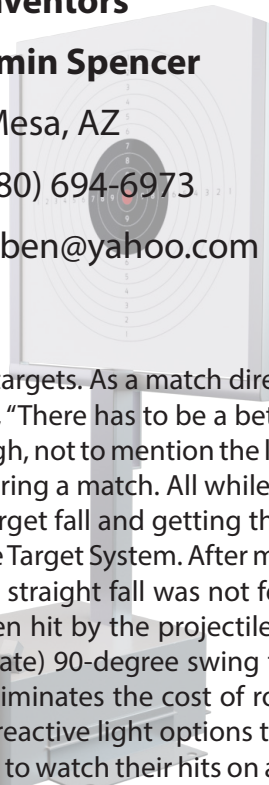
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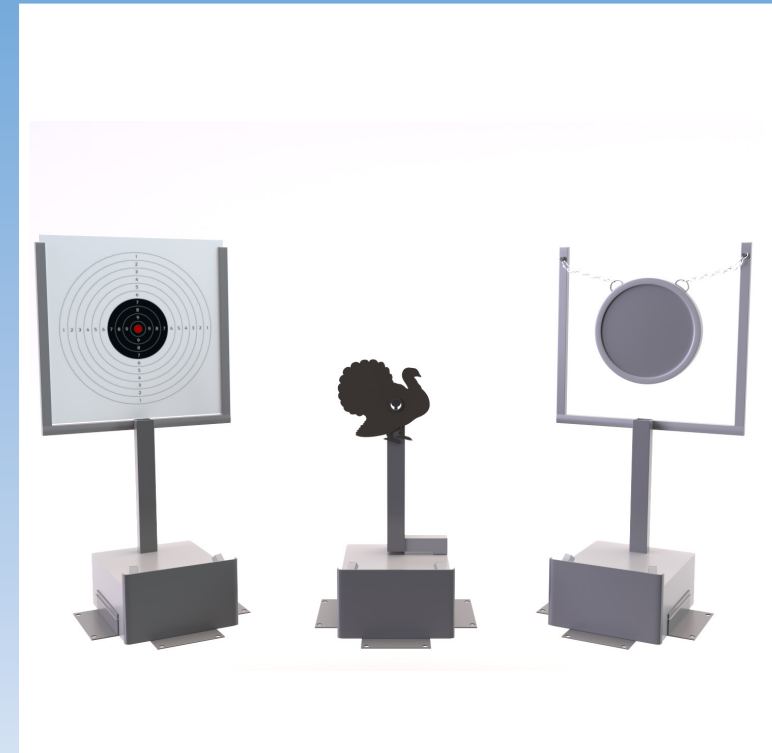
About the Developers

I love shooting, and I love shooting reactive targets. As a match director of competitions that use pull-to-reset targets, I found myself thinking, "There has to be a better way." Managing the ropes and reels outside of a match was hassle enough, not to mention the logistics of keeping them from getting tangled and functioning properly during a match. All while realizing there is a rewarding sense of accomplishment in watching the target fall and getting the reward for resetting. Out of that experience was born the idea for the Elite Target System. After much trial and error in my mind with the mechanism aspect, I realized that a straight fall was not feasible. So I designed a linear potentiometer to react to a paddle that when hit by the projectile, sends a signal to an electric motor that rotates the target picture (faceplate) 90-degree swing followed by a 3-second delay only to return to its starting position. This eliminates the cost of ropes and still gives a sense of accomplishment and reward. There are also reactive light options that work through electronics. There is also a camera that allows the shooter to watch their hits on a cell phone app out up to 300 yards. It eliminates the need for expensive spotting scopes for sighting in long-distance weapons. This allows for reactive function via mechanical or electronic, plus static targets. The static aspects are either the simple gong function, which can be used at close-range pistol-type exercises or with extension to long-range 100-yards and beyond type shots. Optional holder for scoreable competition-type paper targets. This target system incorporates sufficient modularity to be used in a variety of settings. Whether for sighting in your high-powered rifle or official type training, formal competitions, or just for plinking, this target system can be configured to suit the task. And do so in an enjoyable and trouble-free manner.



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