



Stationary Infantry Target System Advanced SIT

The Advanced SIT is our multi-functional and mobile infantry target mechanism for all types of shooting ranges.

The flagship of our product range sets standards for the live fire training industry. With its unique Target-Cube, this universal and ingenious target mechanism can carry out popping up, slashing, swiveling and turning actions. The Advanced SIT, with its well-dimensioned protection frame, its configurable target controller, and its modifiable target mechanism offers a unique combination of flexibility, excellent reliability, and a safe easy handling.

Designed for mobile use on all types of shooting ranges and in open range terrain, it does not require any groundwork. Once brought out on the range, it vigorously presents any

infantry target silhouette.

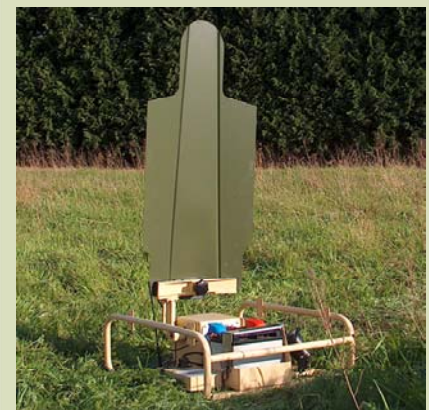
Up to now more than 5000 units utilizing the Target Cube have been sold and presently are in continuous production since 1996. Overall over 25 000 Theissen Infantry Target lifters have been delivered.

To fulfil the manifold needs of modern infantry training the Advanced SIT and its Target Cube are designed to move targets in alternative modes.

This includes slashing target presentation. In the slashing mode the target swings into a doorway simulating an adversary rushing towards the trainee.

In the friend/ foe target mode the target's front and backside are presented randomly to train friend/ foe discrimination.

Advanced SITs :



At a glance:

- Various target movements possible
- Conveniently portable and stackable
- Adjustable hit sensor for most calibres and simunition
- Radio controlled and battery powered versions available
- Extraordinary energy efficiency
- No site preparation required
- Stable and Steadfast Frame
- Various simulators available

To allow target presentation in the narrow spaces of a target pit the Advanced SIT can lift a target in its scissors mode. In this mode a target will raise sideways behind a desk or a sofa.

All these presentation modes can be performed with the Target Cube.

It can be conveniently carried by two men and hence repositioned to easily modify the training scenarios.

The location can be altered without the need of infrastructure adaptations. No site preparation is necessary to place the SIT, provided that the mechanism is protected from direct hits and ricochets.

Designed avoiding sharp edges, it offers easy and safe handling to the service personnel. For transport and storage it can be safely stacked and stored.

The mechanism uses an adjustable hit sensor and responds to most calibers and simunition.

Robust and weatherproof design allows operation in a temperature range from -25 °C / -13 °F up to 65°C / 149 °F.

Our Advanced SIT means one mechanism for different applications, easy maintenance, reduced after-sales costs and flexibility of training.

Technical Data:

Target Presentation

- | | |
|--------------------|--|
| Modes of Operation | <ul style="list-style-type: none"> • popping-up • friend/foe • scizzoring • slashing |
|--------------------|--|

Time to expose* 0.8 s

Time to retreat* 0.8 s

* Values may vary depending on the weight and size of the actual target.

Target Mechanism

Angles of Operation 180°, end positions adjustable

Voltage 12 V, 230 V, 110 V

Other Voltages upon request

Operational Temp. (Max.) 65 °C / 149.0 °F

Operational Temp. (Min.) -25 °C / -13.0 °F

Colors Nato olive, beige

Dimensions with Frame

Length 672 mm / 26.46 in

Width 600 mm / 23.62 in

Height 250 mm / 9.84 in

Weight 21 kg / 46.3 lb

Weight with standard battery 33 kg / 72.75 lb

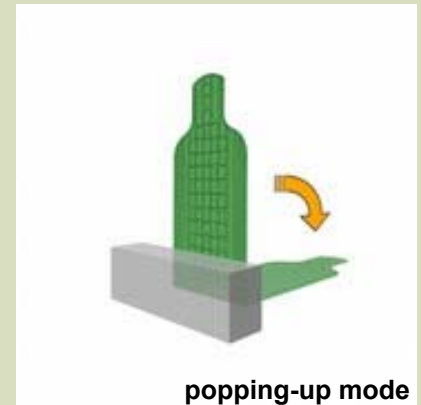
Dimensions of Target Cube

Length 305 mm / 12.01 in

Width 340 mm / 13.39 in

Height 310 mm / 12.2 in

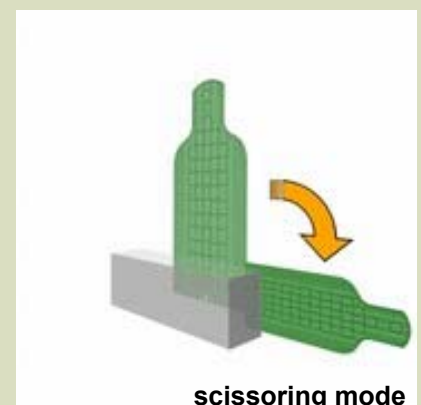
Operational Modes:



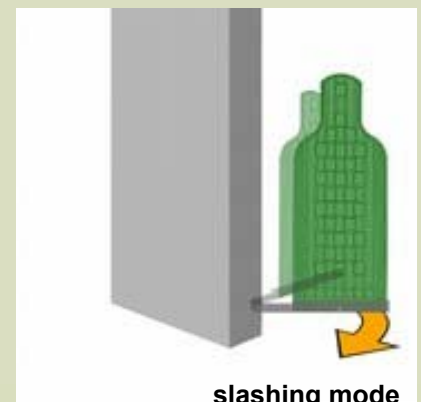
popping-up mode



friend/foe mode



scizzoring mode



slashing mode

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Note: Theissen Training Systems GmbH has a policy of continuing development and reserves the right to make design changes and improvements to the products. Specifications and Features subject to change without notice.