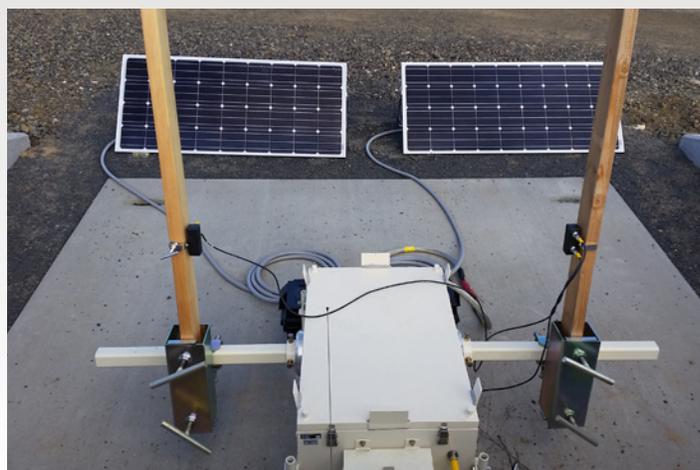




STATIONARY ARMOR TARGET – FRONTAL (SAT)

Meggitt Training Systems' Stationary Armor Target – Frontal (SAT) exposes and conceals frontal armor vehicle silhouettes and adapts to different range environments, infrastructures and operational constraints. Capable of displaying frontal armor/vehicle silhouettes up to 150lbs (68kg), and 132in (335cm) long x 87in (220cm) high, including all standard frontal silhouettes per US Army TC25-8, weighing up to 150 pounds and sustaining winds up to 35 mph. The Meggitt SAT exposes within 7-10 seconds and conceals in 8 seconds or less. Responding to pre-programmed commands in scenario or direct operator command, the SAT conceals on command, at the end of a timed exposure or upon kill. Providing selectable numbers of hits to kill, the SAT offers three kill reactions including hit-hold, hit-fall and hit-bob. The target system also includes contact hit sensors with 15 levels of sensitivity, remotely selectable from the Meggitt Range Control System (RCS).

The range operator can command a target group to respond in unison so a hit on one target initiates all targets in the group to fall or respond as directed. Each target within the group retains its own unique address and is capable of reacting individually to commands. No cabling is necessary to group target mechanisms, allowing easy integration of target systems. The target attributes may be changed to reflect differing scenarios, and stay in that state until they are changed again or the SAT power is cycled to return to default settings.



All Meggitt actuator enclosures are built of steel using military grade connectors. Extremely reliable and rugged, Meggitt SATs perform in the harshest climates and do not contain hydraulic fluids, contaminants or hazardous toxins capable of release into the environment. The target systems are dependable, flexible, and support both skills qualifications training events and more complex unit collective training events. Meggitt Training Systems has successfully fielded thousands of armor target systems around the world, adapting to varied range and environmental situations to recreate real-world training scenarios.

SAT Specifications

Specification	Value
Communication	VHF, UHF, Ethernet, Wi-Fi, Fiber, MUX
Power	12VDC, 120VAC, 230VAC 50/60Hz
Dimensions	79 cm L x 43 cm W x 51 cm H or 113 cm L x 60 cm W x 54 cm H
Actuator Weight	260 lbs (118 kg) or 216 Lbs (97 kg)
Expose/Conceal Time	Expose less than 10 seconds, conceal less than 7 seconds
Hit Sensing	600 hits/minute
Stackable	Yes
Self-Test	Standard power on self-test
Watertight	IP65
Wind	35 mph (56 kph)
Temperature	-20°F (-29°C) to +140°F (+60°C) operation
Silhouette	Max 335 cm L x 220 cm H, and 68 kg. Silhouette base max 160 cm above emplacement floor
Other	Initiates sound and battle effects and MILES. Capable of powering and controlling thermal targets/heat pads

Examples of Fielded SATs

