



LE5000 Escalator Steel Bullet Trap

InVeris Training Solutions, makers of FATS® and Caswell technologies, has been the global leader in law enforcement training and commercial gun range products for over 90 years.

Fielding over 15,000 ranges around the world, InVeris Training Solutions provides turnkey shooting range design, equipment and installation, and the logistic support necessary for today's fast-paced training environments.

LE5000 Escalator Steel Bullet Trap

Asymmetrical trap design allows for stationary targets, running man systems, and target retrieval systems to be installed within the trap for better round containment.

The self-supporting cantilever upper trap section above throat area (overtrap) utilizes no suspension cables or chains.

Our impact plates are reversible, interchangeable, and replaceable. Available in 1/4", 3/8", or 1/2" AR500 or 500 MIN BHN, the impact plates seamlessly sit beside one another utilizing no welds, T-bars or seam cover plates.

Our higher 6ft. aperture (throat) height provides maximum scroll and impact plate-edge life.

Split scroll design features two separate bolt-together components. This no-weld design forms the rolled AR steel 18" diameter circular swirl chamber.

Our raised, open-throat design prevents direct impact to deceleration chamber. No throat supports allow for open design along the entire width of the trap.

The steel mounting feet with notches means easy assembly alignment. Full perimeter welded structurally robust C6x8.2 channel.

The advanced lead collection bucket system means ease of lead bucket removal at a raised height level vs. ground level. Pre-engineered for optional dust collection and conveyor system integration.*

*InVeris Training Solutions utilizes industry leading Donaldson Torit dust collection systems and Mayfran conveyor systems.

Model LE5000 Escalator Steel Bullet Trap Specifications

- Designed for constant use:
 - with all handgun ammunition including .22, .357, .38, .45, .44 magnum
 - with all handgun or machine gun ammunition including 9 mm, 10 mm, and .40 caliber
 - with all lead shotgun ammunition including 12 gauge lead slugs
 - and with all soft nose rifle ammunition with muzzle energies under 4,000 foot pounds and velocity not exceeding 4,000 feet per second, including .223, .308 and .30 caliber
 - Optional ½" 500 MIN BHN impact plates and AR400 scrolls allow heavy machine gun and sniper rifle ammunition including .50 cal and .338 lapua
 - Steel bullet traps are not designed for steel core or armor piercing ammunition
- Primary impact plates and sidewalls are offered in various abrasion resistant (AR) armor plate thicknesses and hardness including 1/4", 3/8" and 1/2" AR500 or 500 MIN BHN
- Interchangeable and reversible lower impact plates and overtrap plates arranged to assure a multiplicity of impacts before the particles enter the deceleration chamber for collection
- 27' D x 9' H x Width of Range (service area behind the trap with an entry point is needed)
- Asymmetrical geometry of trap allows running man systems, turning targets or popup targets to be utilized within the trap area and without interference with the trap
- Spent lead sealed pails recovery system
- Constructed of special heat-treated steel frames supporting the impact plates at a shallow 15° angle, away from the shooter
- The AR225 (optional AR400) rear shell scroll assembly is readily removable for inspection, cleaning and replacement
- Assembled entirely by mechanical joints with no field cutting or welding required for construction or replacement of components
- For structural integrity and safety, the LE5000 frame stanchion supports are located at each firing lane and do not require tensioned cross cable supports
- All trap surfaces are factory primed on all sides
- Trap is divided into spaces corresponding to shooting points. Targets approximately centered on respective impact plates and divisions between impact plates occur roughly midway between target centers
- Parts fit through a standard 36" W door opening
- Optional lead collection conveyor system moves particles into a sealed shipping container (lead collection conveyor motor: 230/460 VAC, 3 phase, 60 Hz).
- Optional airborne particulate cartridge filtration system draws lead dust from the trap opening through the containment chamber and lead conveyor system into a series of low maintenance cartridge filters. Air passes through a HEPA assembly with inlet plenum to provide 99.97% cleaning efficiency on .30-micron particles before discharge (airborne particulate blower motor: 230/460 VAC, 3 phase, 60 Hz; Airborne particulate pulsing controls: 110 VAC, single phase, 60 Hz; Compressed air requirements for airborne particulate pulsing: 90 psi).

