

# Human Type Target (HTT)

*Robotic, mobile, trackless smart target for adept, flexible, and engaging marksmanship training*



- a. Dimensions:** 36 in. (length) x 41 in. (width) x 39 in. (height) w/ no target; 72 in. (height) w/ target. Steel and aluminum chassis covered with AR500 armor protection plates
- b. Weight:** 600 lbs.
- c. Tire size:** 16-in. diameter, solid rubber tires.
- d. Speed:** 0 to 7 mph
- e. Ground clearance:** 4 in.
- g. Power source:** Two 30Ah, 48V Lithium Ferrite Phosphate (LiFePo4) batteries that provide 5-8 hrs of operation depending on movement, and traction/granularity of soil in the target area; 12-16 hours when idle; 3-5 hours recharge time with single charger.

**Mobility:** All-wheel continuous drive that enables multi-terrain, all-weather operations on dirt, sand, gravel, grass, and mud

**Controller:** The HTT remote is able to seamlessly control up to 8 robots with 1 remote, enabling a wide array of simulations and scenarios to be created and controlled.



- 1** Hit detection applies a unique sensory system to detect the movement of projectiles passing through the torso.
- 2** The torso of the HTT is able to fall back 90 degrees based on a hit detected by its sensory system, or through operator interaction using the HTT remote control.
- 3** Base mobility platform, wheels, vertical body support and torso arm protected by AR500 armor and will withstand rounds up to 7.62x39/.308.
- 4** Integrated, replaceable GPS module allows for semi-autonomous scenario build and execution.
- 5** Armored ventilation system provides cooling for interior electronics.
- 6** Artificial intelligence software provides ability to program scenarios with multiple HTT units in open (field) and closed (buildings) environments
- 7** Four inches of ground clearance with operability uphill, downhill, and across a gradient of up to 7 degrees.



**All HTT components are made and manufactured in the USA.**



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