



# Badger™ UGV-T

## Land targets

The Badger Unmanned Ground Vehicle – Target (UGV-T) is a remotely controlled, lightly armoured, all-terrain vehicle designed to Exercise anti-armour combat systems. The RF control concept provides the flexibility to simulate a wide variety of battlefield scenarios.

The Badger Land Target can be used to represent a variety of land based threats as well as testing the effectiveness and operational readiness of weapon systems including:

- Small Calibre Weapons/Snipers
- Medium & Large Calibre (APV/Tank) Guns: 25mm – 120mm
- Large Calibre Tank Guns
- Anti-Tank Guided Weapons (ATGW): eg. TOW, Milan, Eryx, ADATS and Karl Gustav
- Air to Ground Cannons
- Air-to-Ground Missiles

The Badger UGV-T can reach speeds in excess of 40km/hr over prepared surfaces and can be manoeuvred easily at night. Light armour provides protection from sub-caliber weapons, small arms fire and shrapnel from anti-tank missiles.

Its operational control concept allows for on-site target course selection. No permanent installations are required as it is fully transportable to and from operating sites. The Ground vehicle control station is designed to operate up to eight vehicles individually and can be expanded to allow simultaneous control of up to four vehicles by adding command modules. The Badger UGV-T can tow up to three full-scale non-thermal or two full-scale thermal silhouettes to simulate multiple tank threats.

### Applications:

- Forward area reconnaissance
- Target designation
- Minefield breaching
- Remote sensing
- Ordinance delivery and disposal

## Badger™ UGV-T Specifications

### Physical

<b>Length</b>	239cm (94 in)
<b>Width</b>	157 cm (62 in)
<b>Height</b>	145 cm (57 in)(bottom of tire to tip of antenna)
<b>Weight</b>	820 kg (1800 lbs)
<b>Payload Tow capacity</b>	820 kg (1800 lbs)
<b>Engine</b>	Kohler, 31HP, 2 cylinder, liquid cooled, EFI
<b>Fuel capacity</b>	~30 litres (6.6 imperial gallons)
<b>Command transmitter power</b>	Up to 5 Watts
<b>Video TM transmitter power</b>	Up to 10 Watts
<b>Electrical payload capacity</b>	12 Volts, 50 Amps

### Performance

<b>Mobility</b>	In snow: up to 30 cm (11.8 in) In wind: up to 50 km/hr (31 mph)
<b>Speed</b>	40 km/h (25 mph) nominal
<b>Control range</b>	Up to 10km (6 ml), line-of-site (range can be extended)
<b>Endurance</b>	4 to 8 hours (dependent on duty cycle)
<b>Temperature</b>	Operating: -40° to +40°C (-40° to +104°F) Storage: -40° to +40°C (-40° to +104°F)

### Target types

2-dimensional thermally imaged target silhouette  
(common to US Army MICOM and the National Training Center, Ft. Irwin)  
2-dimensional steel, fiberglass or wood target silhouette  
Scaled 3-dimensional optionally thermal imaged target shells

### Payloads

IR Emitters  
Radar miss distance indicators  
Passive radar augmentation  
Smoke emitters  
Thermal augmentation

### Key features

On-site target course selection
Portable moving target system
No costly permanent installations required
Multi-target presentations
Wi-Fi operation/scoring
Day or night operations
Threat representative
Tactical applications

**Note: Due to continuous process improvements, specifications are subject to change without notice.**

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