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-Ground Cannons
- Air-Ground Missiles

The Badger 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
- Ordnance delivery and disposal
Badger™ UGV-T Specifications

**Physical**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>239 cm (94 in)</td>
</tr>
<tr>
<td>Width</td>
<td>157 cm (62 in)</td>
</tr>
<tr>
<td>Height</td>
<td>145 cm (57 in)</td>
</tr>
<tr>
<td>Weight</td>
<td>820 kg (1800 lbs)</td>
</tr>
<tr>
<td>Payload Tow capacity</td>
<td>820 kg (1800 lbs)</td>
</tr>
<tr>
<td>Engine</td>
<td>Kohler, 311HP, 2 cylinder, liquid cooled, EFI</td>
</tr>
<tr>
<td>Fuel capacity</td>
<td>~30 litres (6.6 imperial gallons)</td>
</tr>
<tr>
<td>Command transmitter power</td>
<td>Up to 5 Watts</td>
</tr>
<tr>
<td>Video TM transmitter power</td>
<td>Up to 10 Watts</td>
</tr>
<tr>
<td>Electrical payload capacity</td>
<td>12 Volts, 50 Amps</td>
</tr>
</tbody>
</table>

**Performance**

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

**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.

**Collaborating with QinetiQ**

At QinetiQ we bring organisations and people together to provide innovative solutions to real world problems, creating customer advantage.

Working with our partners and customers, we collaborate widely, working in partnership, listening hard and thinking through what customers need. Building trusted partnerships, we are helping customers anticipate and shape future requirements, adding value and future advantage.

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