The telemax EVO HYBRID is a versatile UGV designed to be operated by bomb technicians. It is ideally suited for operation in confined spaces (airplanes, underground trains and buses) featuring a strong 6-axis precision manipulator with Tool Center Point Control and automatic tool exchange. Its 4-track drive system with auto-leveling can easily handle multiple gradients, gaps and terrains. An expansive payload bay and automatic tool exchange allow operators to take multiple tools, disruptors or other sensors downrange, eliminating round-trip load-outs. Onboard IP Mesh radio delivers secure communications in complex urban environments and the HD pan-tilt-zoom camera produces razor-sharp images with four simultaneous video feeds (QuadView). All AeroVironment UGVs feature the intuitive and operationally simplified Robo Command Control Station with multi-touch screen, pre-programmed motion sequences and ergonomically designed hand controllers for precision control of the robot, manipulator and accessories.
Compact and Powerful for Toughest Challenges

**DISTINCTIONS**

- **LIFTING CAPACITY**
  - 82 lb (37 kg)

- **GRIPPER WIDTH**
  - 8 in (200 mm)

- **MISSION DURATION**
  - Up to 10 hr

- **CLIMB STAIRS AND SLOPES**
  - 45°

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTAL PAYLOAD CAPACITY</strong></td>
<td>68 lb (31 kg)</td>
</tr>
<tr>
<td><strong>SPEED</strong></td>
<td>Max. 6.2 mph (10 km/h)</td>
</tr>
<tr>
<td><strong>DIMENSIONS</strong></td>
<td>32 in x 16 in x 30 in (815 mm x 400 mm x 770 mm)</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td>Max. 176 lb (80 kg)</td>
</tr>
<tr>
<td><strong>DRIVE MECHANISM</strong></td>
<td>4-track running gear with individually adjustable flippers; optional wheels</td>
</tr>
<tr>
<td><strong>FUNCTIONALITY</strong></td>
<td>Obstacle Height: 20 in (500 mm)</td>
</tr>
<tr>
<td></td>
<td>Gap Width: 24 in (600 mm)</td>
</tr>
</tbody>
</table>

Technical data ±5% tolerance

**INTERCHANGEABLE ACCESSORIES**

- Optics/Visual Augmentation
- UGV Communications
- Power Sources
- Wheels/Tracks
- Tooling & Hauling
- Render Safe Options

**MISSION VARIANTS**

- **EOD** Explosive Ordnance Disposal
- **HAZMAT** Hazardous Materials
- **CBRNE** Chemical, biological, radiological, nuclear & explosives
- **SWAT** High Risk Law Enforcement Operations

**KEY FEATURES**

- 6-axis precision manipulator
- Tool Center Point Control—providing maximum movement flexibility of the manipulator
- Fully integrated 2-way audio module
- HD pan-tilt-zoom camera—displays four video feeds (QuadView)
- Versatile 4-track drive system—handles gradients/obstacles/gaps
- Easy access to pre-programmed manipulator & flipper motion sequences
- IP Mesh Radio Network with optional repeaters provide secure & resilient communications over extended ranges

*LIFT CAPACITY AT DISTANCE*  
- 16.5 lb (7.5 kg) // 61 in (1560 mm)
- 26 lb (12 kg) // 47 in (1200 mm)
- 44 lb (20 kg) // 37 in (950 mm)
- 82 lb (37 kg) // 24 in (600 mm)

**ROBO COMMAND**

Interoperable controller, radio & communications—reducing operation, training & logistics