

BARKAN

AUTONOMOUS MEDIUM CLASS UGV



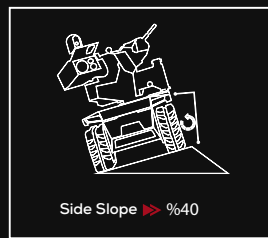
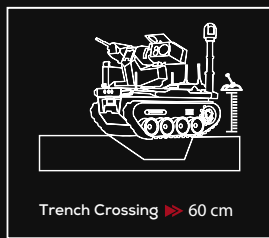
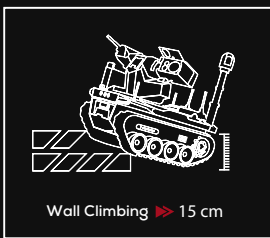
 **HAVELSAN**

BARKAN

BARKAN can be used in, multi-purpose missions thanks to its superior autonomous features and its modular design in which different payloads can be integrated. It has been developed for tasks such as carrying or towing cargo, providing close protection, and armed reconnaissance.



MOVEMENT CAPABILITY



BASE PLATFORM FEATURES

- | | |
|-------------------------|----------------------------|
| ➤ Dimensions (cm) | 145 x 90 x 100 (L x W x H) |
| ➤ Weight | 400 kg (Without Payload) |
| ➤ Payload Capacity | 200 kg |
| ➤ Maximum Speed | 12 km/h |
| ➤ Working Time | > 3 Hours |
| ➤ Propulsion System | Electric Motor |
| ➤ Operating Temperature | -20 °C / +49 °C |
| ➤ Ground Clearance | 15cm |

OPTIONAL PAYLOADS

- 5.56mm/7.62mm Weapon System
- Robotic Arm
- Extendable Peripheral Surveillance System (EO/IR)
- Load Carrying Kit
- Trailer
- Laser Guided Missile
- Mine Detection System

COMMUNICATION

- Tactical Data Link Range > 2 km (In Line of Sight)
- GSM Communication
- Wired Communication (with Fiber Optic Cable)

AUTONOMY FEATURES

- Autonomous Patrol
- GPS Standalone Task
- Leader Follow-Up
- Obstacle Avoidance
- Dynamic Route Planning
- Return to Home in Loss of Link
- Drivable Route Selection
- 3D Mapping

OTHER FEATURES

- Front / Rear LED Lighting
- Front IR Lighting
- Front / Rear / Right / Left Driving Cameras
- Bidirectional Audio Transmission System

CONTROL PANEL

- Portable Design
- Remote Wired/Wireless Control
- Autonomous Mission Planning