

TUNGA

UNMANNED GROUND VEHICLE

- STABILIZED WEAPON SYSTEM
- TELESCOPING SURVEILLANCE SYSTEM
- REMOTE AND AUTONOMOUS CONTROL
- SITUATIONAL AWARENESS
- LOGISTICS TRANSPORT
- LASER GUIDED TACTICAL MISSILE SYSTEM (OPTIONAL)





TUNGA

UNMANNED GROUND VEHICLE

TUNGA is an Unmanned Ground Vehicle with high mobility that can be controlled autonomously or remotely. Mission-specific payloads, such as Laser Guided Tactical Missile System (ops) and SARP DUAL, can be mounted on TUNGA, and the missions, such as reconnaissance, surveillance, protection and assault can be successfully performed under harsh environmental conditions.

TUNGA can be controlled remotely with the vehicle control console, as well as moving over environmental obstacles without the need for an operator thanks to its autonomy features. The vehicle can autonomously perform border patrol on defined route.

Technical Features

- Width : 210 cm
- Length : 240 cm
- Height : 200 cm
- Weight : ≤ 3000 kg
- Max Speed : 20 km/h
- Control Range : ≤ 5 km
- Drive System : Hybrid (Electric – Hydraulic)
- Operating Temp. : -20°C to +49°C
- Power/Weight Ratio : 8 HP/T

Mobility

- Gap Crossing : ≤ 80 cm
- Steep Slope : ≤ %60
- Side Slope : ≤ %30
- Vertical Obstacle : ≤ 40 cm
- Forging Depth : ≤ 50 cm

Communication

- Wireless/Wired
- 4G/LTE Communication Support
- Satellite Based

Autonomy Features

- Sensor Fusion
- Passable Area Detection
- Dynamic Path Planning
- Day/Night Autonomous Mobility Capability
- GNSS Denied Autonomous Operation
- Autonomous Mobility Capability in case of Communication Loss

General Features

- Front & Rear LED Lighting
- Front & Rear Driving Camera
- 360° Surround View Camera System
- Two-Way Microphone and Speaker
- Autonomy Sensors
- GNSS System
- Anti-Jam GNSS (Optional)
- Ultrasonic Sensor

Payload Options

- SARP DUAL Weapon System
- 76 mm Smoke Grenade Launcher
- Load Case
- Telescoping Surveillance System
- Laser Guided Tactical Missile System (Optional)
- Tethered Drone System (Optional)

Weapon System

- **SARP Dual Weapon System**
 - Day & Night Vision Capability
 - Remote Firing Capability
 - Shoot-on-the-move Capability for Stationary and Moving Targets
 - Stabilization and Automatic Target Tracking
- **Weapon Options**
 - Main Weapon : 40 mm Grenade Launcher
 - Secondary Weapon : 12.7 mm Machine Gun
 - Tertiary Weapon : 7.62 mm Machine Gun
 - Coaxial Weapon : 7.62 mm Machine Gun

Control Console

- Two Control Consoles (UGV Operator, Weapon System Operator)
- Portable
- Wireless/Wired Control
- Autonomous Mission Planning/Execution
- Real Time Streaming and Video Recording

Transportation

- Carrying Trailer
- Lifting Lugs