

SAND-X DUAL OPERATING VEHICLE (DOV)
Manned & Unmanned – Extreme Terrain Mobility



The **SAND-X DOV** is the next-generation multi-mission vehicle designed to operate in the toughest conditions. Engineered for maximum versatility, it seamlessly transitions between manned and unmanned operations, replacing UGVs, ATVs, UTV's, Snowmobiles and others while reducing costs and increasing operational effectiveness. It delivers unmatched mobility for a wide range of missions.

- ▶ **MADE IN GERMANY** – Built for Armed Forces Worldwide
- ▶ **MULTI-MISSION** – For a wide range of CONOPS, replacing UGVs, ATVs, Snowmobiles & more
- ▶ **UNMATCHED VERSATILITY** – Operates Manned or Unmanned for Mission Flexibility
- ▶ **MISSION-READY AUTONOMY** – AI-Assisted Remote Operation & Convoy Capability
- ▶ **EXTREME TERRAIN PERFORMANCE** – Engineered for All Terrains and Climatic Environments
- ▶ **HIGH-SPEED & LOW SIGNATURE** – Fast, Agile & Designed for Stealth Operations
- ▶ **ADVANCED PAYLOAD INTEGRATION** – Modular System for Adaptable Mission needs
- ▶ **FORCE MULTIPLIER & COST REDUCER** – Enhancing Operational Effectiveness

INNOVATIVE – OPERATIONAL - READY FOR DEPLOYMENT



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ADAPTIVE MANNED & UNMANNED MOBILITY

Manned to the frontline, **unmanned for the critical last mile**—the **SAND-X DOV** ensures maximum flexibility, keeping operators at a safe standoff while the mission pushes forward.



BATTLEFIELD ROBOTICS & SECURE CONTROL

A low-latency robotics package enables secure beyond-line-of-sight control via the Ground Control Station (GCS), providing dashboard data, high-resolution camera feedback, and Counter-UAV & jamming options for electronic warfare.

- ▶ **Manned & Unmanned Flexibility**
- ▶ **Remote & Autonomous Operation**
- ▶ **Secure Communication**
- ▶ **Rugged GCS**
- ▶ **Real-Time Video & Sensors**



FOUNDATION OF EXTREME MOBILITY & TACTICAL ADVANTAGE

Powered by an advanced 4-stroke, liquid-cooled engine, designed for maximum efficiency and durability in extreme conditions. Engineered to operate from -45°C to 50°C , it delivers unmatched performance in the harshest environments.



- ▶ **Advanced 4-Stroke Engine**
- ▶ **Intelligent Throttle Control**
- ▶ **Heavy-Duty SXM Track System**
- ▶ **Maximum Payload Suspension System**
- ▶ **Stealth & Tactical Design Options**

MISSIONS WHERE SAND-X OUTPERFORMS TRADITIONAL VEHICLES

The SAND-X DOV integrates into diverse Concepts of Operations, combining manned speed with unmanned precision for critical tasks. Built for combat, logistics, and ISR, it boosts reach, survivability, and mission effectiveness in extreme environments.

- ▶ **ISR & Reconnaissance**
- ▶ **Resupply & Logistics**
- ▶ **Soldier Mobility & Positioning**
- ▶ **CASEVAC & MEDEVAC**
- ▶ **Combat & Fire Support**