

GROUND ROBOTIC VEHICLES



Textron Systems has invested in designing, demonstrating and maturing ground robotic technologies that incorporate features for transportability, mission flexibility and battlefield agility.

Ground robotic vehicles are the wingman of the battlefield. As technology advances, so does our ability to protect our troops. Unmanned ground robotic platforms give our soldiers the boost and assistance they need to continue the fight. Textron Systems and Howe and Howe Technologies have developed multiple ground robotic vehicles in a variety of size, weight and power profiles.

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TEXTRON Systems

► PUSHING PAST POSSIBLE

RIPSAW[®] M5

The M5 can silently maneuver and keep pace with the current and future maneuver forces, pushing capabilities beyond the human formation. Designed with an open architecture and a flat deck to accommodate a variety of payloads, the M5 can be tailored for your mission. The M5 has undergone Soldier Operational Experiment testing and we have incorporated lessons learned into our other platforms. Soldier feedback and insight has allowed us to improve our vehicles to best serve our customer.



RIPSAW[®] M3 TECH DEMONSTRATOR

The RIPSAW M3 Technology Demonstrator is the newest generation platform within the RIPSAW family of vehicles. The technology demonstrator incorporates the familiar flat-deck configuration from the RIPSAW M5 robotic vehicle and provides unobstructed deck space to accommodate multiple payloads.

The M3 was initially built to address the next big challenge for ground robotics which is wet gap crossing. This new platform has given us the opportunity to incorporate lessons learned from the M5 robotic vehicle platform into a smaller, but mission-capable variant.



RS2 SMALL UNMANNED GROUND VEHICLE

The RS2 is a high torque, hybrid diesel-electric drive designed to operate in the harshest of conditions while offering unprecedented endurance, reliability and mobility. The RS2 is able to effortlessly navigate difficult terrains ranging from dense jungle to scorching desert with a simple, easy-to-use wireless controller.



MODULAR DESIGN

The modular design of this system and its low-profile base platform allows integration of numerous mission packages including an improvised explosive device defeat rake, counter unmanned aircraft systems, remote weapons systems and “follow-me” autonomous control. Capable of offloading up to 4 kilowatts of power for mission critical equipment, this platform goes above and beyond, providing unmatched versatility and dependability to soldiers where they need it.

Sharing this vehicle’s core technology, the Thermite™ firefighting robot provides the firefighting community with innovative capabilities.

