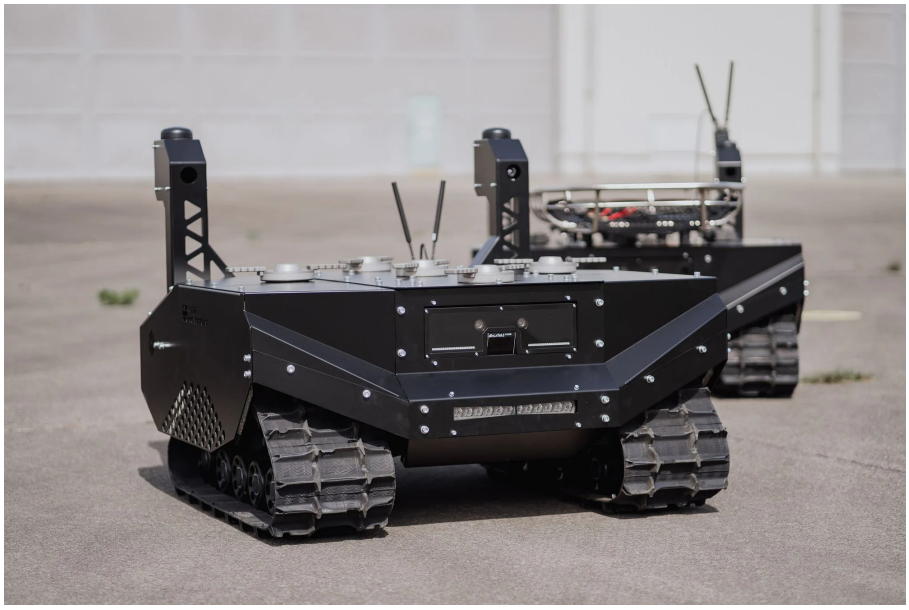

The Battle Robots of ARX Robotics

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In the ever-evolving landscape of defense technologies, ARX Robotics emerges as one of the most promising startups. The young German company has recently signed an agreement for a funding of 31 million euros, aimed at strengthening the production of its autonomous battle robots. This capital injection, which includes support from the NATO Innovation Fund, marks a new era in the adoption of advanced technologies in the military field.

An Autonomous Future for the Armed Forces

The allocated amount is not only a sign of confidence in the project but also a launchpad for the enhancement of a cutting-edge technological platform: Mithras OS. This sophisticated operating system is designed to integrate with military vehicles already in service, providing them with autonomous capabilities through artificial intelligence, autonomous driving, and an advanced sensor network. According to ARX estimates, this technology could be implemented on as many as 50,000 vehicles in NATO forces, thus revolutionizing the approach to military operations.

ARX Robotics targets Europe: 31 million euros for its battle robots - brigatafolgore.net

The Battle Robots of ARX: Versatile and Sustainable Modules

But what sets these robots apart from other military vehicles? The answer lies in their versatility and modular design. ARX robots are tracked mobile platforms capable of hosting various types of equipment, from surveillance radars to demining devices and even medical stretchers for transporting the wounded. The most advanced model can support a payload of up to 500 kg, a feature that makes it particularly suitable for transporting injured soldiers in high-risk conflict zones.

Another strength of these robots is their modular construction, made with standard European-manufactured components. This choice not only facilitates production but also makes maintenance extremely simple. Soldiers in the field can indeed repair the robots in minutes without the need for specialized tools, significantly reducing downtime in critical situations.

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Technology Serving NATO and European Countries

The ARX project has already generated great interest among the armed forces of several European countries. Nations such as Germany, Austria, Switzerland, Hungary, and the United Kingdom have had the opportunity to test the technology in real operational scenarios. A significant example of this trust is the recent delivery of 30 combat robots to the Ukrainian armed forces, engaged on the front lines. In this context, ARX has deployed the largest Western fleet of unmanned ground vehicles in Ukraine, a step that has demonstrated the effectiveness and reliability of its robots.

Moreover, the European Defence Agency has selected ARX to participate in its first pan-European initiative dedicated to innovation in the defense sector. "We are excited to support ARX in its expansion among NATO nations," said Chris O'Connor, partner of the NATO Innovation Fund, highlighting the strategic importance of this technology for the continent's security.

An Expanding Market

The growth of ARX Robotics is not limited to the production of its autonomous robots. The company has also announced an investment plan of 52.5 million euros for the construction of a new production facility in the United Kingdom. Once fully operational, the facility will be able to produce up to 1,800 combat robots each year. This represents a crucial step to meet the growing demand for advanced defense solutions.

The financial support obtained through the Series A funding round, led by HV Capital and with contributions from Omnes Capital and existing investors, has placed ARX in a privileged position to capitalize on the growing attention towards innovative technologies in the defense field.

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Europe Supports Defense and Innovation

The commitment of NATO and European armed forces to adopting new technologies is not new. In March 2025, EU leaders approved the "ReArm Europe" plan, which provides for the mobilization of up to 800 billion euros over the next four years to enhance the continent's military capabilities. In parallel, the British government announced its intention to increase defense spending to 2.5% of GDP, allocating at least 10% of this budget to innovative technologies. A step that confirms how Europe is pushing towards the integration of cutting-edge technological solutions in the defense sector.

In this context, ARX Robotics positions itself as one of the key players in the European defense landscape, with its offering of autonomous robots that promise to change the way operations are managed in the field, improving the efficiency and safety of the armed forces. The German startup, with its innovative approach, seems destined to play a key role in the future of European and global defense.