

3 September 2019

Rheinmetall presents the world's first unmanned ground vehicle equipped with micro combat unmanned air vehicle at MSPO 2019

One of the most innovative systems on display at this year's MSPO exhibition is the latest version of the Mission Master UGV from Rheinmetall, armed with the WARMATE Loitering Munition System. Rheinmetall has partnered with WB GROUP, Poland's foremost defence contractor in the field of advanced technologies, to provide dismounted troops with high-precision strike capabilities.

As with other versions of Rheinmetall's flagship autonomous vehicle, this new Mission Master – Protection is based on an 8x8 all-terrain platform capable of performing dangerous missions in hostile weather conditions, with the specific purpose of enhancing combat effectiveness. The integrated WARMATE micro combat unmanned air vehicle (UAV) opens up a range of new offensive and observation capabilities. It is capable of scanning the battlefield, detecting and determining exact enemy positions and, when the decision is made, engaging them. When an attack is aborted, the WARMATE can be recalled, can continue loitering, or be directed at another target.

Even more exciting, the new Mission Master – Protection features the first ever tube-launched system equipped with several WARMATE UAVs for performing surgical swarm attacks. This dramatically increases the unit's combat power, while simultaneously augmenting the safety of dismounted troops in close combat operations as the whole system can operate out of the line-of-sight. "The use of micro combat UAVs on our Mission Master UGVs is an incredible opportunity for ground commanders" says Alain Tremblay, Rheinmetall Canada's vice-president for business development. "Being able to observe hidden targets and conduct precise identification before initiating a surgical strike with minimal collateral damage is a real tactical advantage on today's battlefield. And since both the Mission Master and the WARMATE are able to conduct certain autonomous operations, it reduces the number of military personal required and lets troops focus on mission success", explains Tremblay.

Operators can command both the UGV and UAV from a mobile ground control station; a modern soldier system such as Rheinmetall Argus; or with Rheinmetall Command and Control Software installed in any user's battle management system.

Visitors to MSPO 2019 won't want to miss this opportunity to see for themselves the brand-new version of the Rheinmetall Mission Master – the future of unmanned ground vehicles, on display today.



Rheinmetall Mission Master UGV armed with Warmate Micro Combat UAV from WB Electronics

For more information, please contact:

Oliver Hoffmann
Head of Public Relations
Rheinmetall AG
Tel.: +49-(0)211-473 4748
oliver.hoffmann@rheinmetall.com