



MILITARY SIMULATIONS

Eli is an Estonian engineering company that has its roots in developing and producing military simulations equipment. We have been creating custom solutions for the most demanding end users in the defence sector since 1995. Our military simulations products include pop-up target systems, mortar simulators and weapons recoil kits. We have exported our simulations solutions to over 30 countries, where they have been integrated into the training processes of different military and domestic security forces.

Eli enjoys a close cooperation with our end users, and that combined with an agile development style gives us the ability for rapid prototyping and integrations of the latest technological capabilities into our platforms. Eli is a member of the Estonian Defence Industry Association since 2010 and the Defence Industry company of the year 2016.



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BUREAU VERITAS
Certification



ADAP 2110
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Euroopa Liit
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Eesti tuleviku heaks

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RECOIL.

Recoil simulation equipment Description

Unique “tubeless” recoil system from ELI Military recoil for automatic and semi-automatic handguns and gives the user a **realistic feel** of live firing. The recoil system can be used with wide variety of simulators as well as for basic weapon training.

Instead of traditional tubes of pressurized air, the system incorporates liquid CO2 reservoirs located in the weapons magazine. It gives the user **freedom of movement**, thus significantly widening the area of its use compared to conventional systems.

Another advantage of the system is that it can be installed on real **unmodified weapons**. The modifications do not affect the weapons handling parameters. If needed, the weapons can be converted back for live firing in just a few minutes.

The magazines can be **refilled in seconds** and reloading of the weapons is carried out exactly the same way as with its original parts. The shot count is at least equal to the magazine cartridge capacity, but in most cases exceeds it by factor of two or three.

Presently the “tubeless” recoil imitation is available for the G36, BERYL, T81, SWD, M14, M16, M4, AK4, AK47, Galil ARM/SAR, Uzi, PM 84/98 automatic rifles and for the machine gun MG3, PKM, UKM2000 and RPD. Recoil imitation is also available for SIG SAUER, Heckler & Koch, Glock, FN, Beretta, TT and CZ pistol models. We have also recoil simulators for Sako TRG, TOR and BOR sniper rifles.

Additional weapon models for tubeless recoil can be adapted on **customer request**.

