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## (RE)DEPLOYABLE MILITARY SHOOTING RANGE FOLDABLE CONTAINER TECHNOLOGY



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## (RE)DEPLOYABLE MILITARY SHOOTING RANGE FOLDABLE CONTAINER TECHNOLOGY



### A UNIQUE MOBILE SHOOTING RANGE SYSTEM BASED ON FOLDABLE CONTAINER TECHNOLOGY

The mobile shooting range system was developed within the framework of a joint research and development project with the Institute of Modernization of the Hungarian Defence Forces in order to create a dynamically relocatable and safe environment for conducting shooting exercises.

During the development, we created an armoured and soundproof shooting range based on a new foldable solution specially developed by Continest for this project, that is suitable for live fire exercises with military steel core ammunition. A solution which is unique in the world.



- ▶ Transportable using three flatbed semi-trailer trucks or five 20-foot side-loading container trailers due to cargo weight and dimensions.
- ▶ The infrastructure can be relocated and fully operational within 12 hours.
- ▶ Thanks to its modular design, the shooting distance can be increased as desired. The standard configuration with 6 innovative foldable armoured and noise insulated modules provides a 15m range for static shooting.
- ▶ Either 4-person static or 1-person dynamic shooting exercises can be performed in the shooting range. The total number of shooting positions can be reconfigured to 5.
- ▶ Ballistic protection is ensured by the SSAB ArmoX 600T armour.
- ▶ AAM ARP2006 Level 7 protection. The complete small arm range of the Hungarian Armed Forces can be used in the shooting range with standard ammunition (except for armour piercing and tracer rounds)
  - 0.22mm, 9mm, 5.56 and 7.62 NATO calibre.





- ▶ The shooting range is entirely armoured and its internal surfaces are completely ricochet-proof; thus, protecting those inside and outside the shooting range from injuries caused by negligent discharges.
- ▶ The armour of the shooting range also prevents active shooters from firing outwards. No projectile can leave the shooting range neither through the container connections nor the air-ducts; thus, the shooting range can be safely operated, even in a populated area.
- ▶ Thanks to its unique sound-absorbing wall structure specially designed to level the noise of shots, the in-use noise 10 meters from the shooting range reaches a maximum of 50 to 70 decibels, which is lower than the average street noise, so it can be used from early morning until late evening without disturbing the surrounding population.



- ▶ The HVAC container is a separate structural unit, which is a complex ventilation system built into a 20-foot container. It ensures the proper extraction of hazardous gases generated during shooting, the supply of fresh air, and the heating and cooling of the shooting range.
- ▶ The shooting booth allows the command and control of a maximum 4-person shooting exercise (in standard configuration). The booth also supplies the control of the air conditioning and the light effects in addition to safe storage for weapons and ammunition.
- ▶ The bullet trap is made of 10mm Armox 600T plates and a ventilation unit is installed in the last 20-foot container.
- ▶ The bullet trap efficiently absorbs the energy of the impacting projectiles and directs them into trays that can be emptied without exposure to heavy metals.
- ▶ The ballistic protection system of the shooting range was developed in cooperation with SSAB, Linde and the Technical University of Budapest. All ballistic tests were executed and certified by HDF.





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**CN (re)deployable military shooting range**

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