

BALLISTIC PROTECTION

MinePRO



Mine

MinePRO mounted on AFV

➤ DESCRIPTION

The belly of a vehicle remains vulnerable to attacks which can render the vehicle un-operational and the occupants severely injured. To mitigate this threat RUAG Defence has developed a system designed to withstand a variety of explosive devices in use today. MinePRO is a passive protection system for the vehicle floor that serves as an addition to other internal mine protection measures.

➤ HOW RUAG PROTECTS AGAINST MINES

Decoupling of seating from the hull bottom

Decoupling of vulnerable system parts

Retentioners for torsion bars

External shield added to the vehicle's floor

➤ IMPROVED PROTECTION AGAINST

Anti-Personnel mines

Anti-Tank mines

Explosively formed penetrators

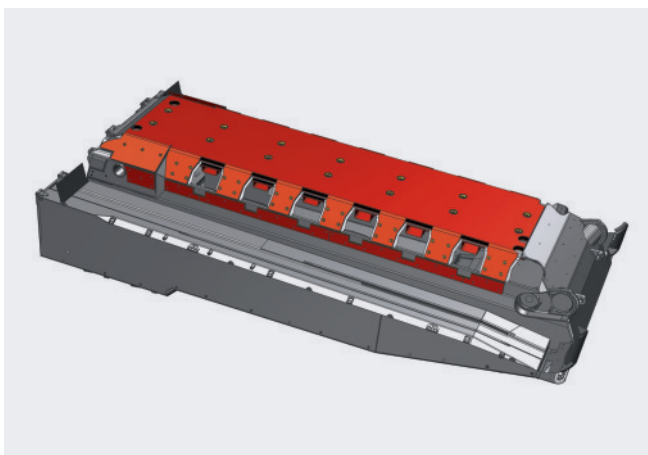
IEDs



Mine shield in production

➤ Traditional protection methods against mine blasts are the first stage to increasing the vehicle's resistance to threats from below. This is done by ensuring as little of the blast energy as possible is transferred to the occupants and by minimising the possibility of the hull being penetrated. RUAG has years of experience in providing such solutions for armoured vehicles.

Protection can then be increased by the addition of the MinePRO shield. The shield is built using a RUAG patented production procedure. As a composite sandwich solution it is specifically engineered to ensure there is a minimum change to the weight of the vehicle and the space available to the crew inside, yet protection is significantly improved.



CAD illustration of the mine shield integrated on the belly of an IFV