



IMI exhibits at MSPO 2012

Ramat Hasharon, Israel, September 20, 2012 - Israel Military Industries Ltd. (IMI) highlighted its extensive capabilities in tank ammunition infantry force-multipliers, active protection systems, ballistic body armor solutions, assault bridging systems and small caliber ammunition at the 2012 MSPO Exhibition – one of the leading international defense and security events in Central and Eastern Europe. Held in Targi Kielce, Poland, from September 3-6, the event brought official delegations and guests from dozens of countries.

IMI featured a wide range of tank ammunition, including two Multi-Purpose cartridges: the 120mm **M339 HE-MP-T** (High-Explosive, Multi-Purpose) and 125mm **M710 HE-MP-T**, as well as two Kinetic Energy (KE) cartridges: the 120mm **M322 APFSDS-T** and 125mm **M711/8 (MK-2) APFSDS-T**.

The **M339** and **M710** incorporate an in-bore programmable electronic fuze system with three modes of operation: Super Quick/Point Detonation (PD); Point Detonation Delayed (PDD) and Air Burst (AB). The PDD mode enables penetration of bunkers and field fortifications, exploding inside the target and causing high lethality effects. PD mode can be used for wall breaching, thus creating passageways for infantry troops or against light to medium protected targets, such as LAVs. AB mode is highly-effective against troops behind a corner or in a foxhole, as well as against Anti-Tank squads.

M322 and **M711/8 (MK-2)** are second-generation, high-velocity, KE armor defeating cartridges. The cartridges incorporate modern technologies, which enable excellent accuracy at all combat ranges, low barrel wear and greater armor penetration capability.

M322 is fully compliant with STANAG 4385 requirements, combat proven by the Israel Defense Forces (IDF) and in use with various European armies.

M711/8 (MK-2) is type classified for 125mm smoothbore tank guns.

During the event, IMI highlighted its 120mm GPS and Semi Active Laser (SAL) guided mortar bomb, dubbed **GMM120**. The **GMM120** provides infantry commanders with highly accurate "pocket artillery" capabilities against targets positioned out of the line of sight including those located on a reverse slope. **GMM120** can be used by the **RAK** turret mounted on the Polish Army's wheeled and tracked future 120mm self-propelled mortar systems.

Another force-multiplier on display was IMI's **MPRS** (Multi-Purpose Rifle System) – an integrated weapon system designed to improve the accuracy, lethality and target engagement capabilities of existing weapon systems using 40mm grenade launchers. **MPRS** combines an advanced Fire Control System (FCS) with integrated optics, Laser Range Finder (LRF) and processor, and through the use of multi-purpose grenades equipped with a programmable electronic fuze, enables a choice between Air Burst (AB), Point Detonation (PD) and Point Detonation Delay (PDD) modes of operation.

A man-portable variant of IMI's proven Active Protection Systems (APS) was also featured. The lightweight APS, dubbed **SHOCK ABSORBER**, offers dismounts an effective, portable 360° situational awareness and Electro-Optic (E/O) directional jammer based 'Soft-Kill' active protection against Anti-Tank Guided Missiles (ATGMs). **SHOCK ABSORBER** can be used for enhancing the force protection and reducing the risk of casualties of Polish soldiers deployed as part of the NATO-led international coalition in Afghanistan.

IMI's high-quality military, law enforcement and commercial grade **Small Caliber Ammunition** was displayed as well. This included various 5.56, 7.62, 9, 12.7mm (0.5") and 0.338" Lapua Magnum cartridges. The **Small Caliber Ammunition** is supplied to the U.S. Army, the IDF, armed forces of major NATO members, law enforcement units and various customers in commercial markets worldwide.

