

IMI SYSTEMS LTD.

MPR 500

500 lb Multi-Purpose Rigid Bomb

A combat-proven 500lb. Multi-Purpose Rigid penetration and surface attack bomb with MK-84 effectiveness in MK-82 dimensions

- Part of a family of next-generation (250, 1000, 2000 lb) GP bombs
- Reliability >90%
- Approved by **BOEING** as compatible with JDAM guidance kit

The bomb:

- Ensures improved penetration capabilities (4 double-reinforced concrete walls/floors 200mm thick each or 1m double-reinforced concrete)
- Eliminates "J" effect - guaranteeing straight penetration path in target
- Utilizes approximately 26,000 controlled fragments for concentrated blast and controlled fragmentation effects against targets in open terrain
- Fully Compatible with all guidance systems



Advanced IR Spectral Flares

IMI's state-of-the-art advanced IR spectral decoy flares provide fixed-wing and rotary combat aircraft with increased survivability against most threats on today's battlefield

The flares:

- Are combat-proven by the IDF
- Can defeat advanced MANPADS
- Are designed for AN/ALE-40/45 and equivalent dispensers



IMI has partnered with **ESTERLINE DEFENSE TECHNOLOGIES** to produce and market the flares to U.S. customers

RED SKY-2 - Drone Defender System



RED SKY 2 - Drone Defender System - is designed to Detect, Disrupt and Neutralize unmanned Aerial Vehicles (UAVs) engaged in potentially malicious activity or hostile airborne surveillance missions. Stopping them from infiltrating sensitive location such as Stadiums, Airports, Secured compounds, Military bases and etc., or in order to protect a V.I.P against armful attack carried out by those systems

- The RED SKY 2 - Drone Defender System - combines a unique

Aerial Radar Detection, Electro Optical Thermal Acquisition and a High Powerful Directional RF Neutralization abilities with supreme range of 3-5km of detection and neutralization.

The System can be supplied either as an active system or reactive system that operates only after triggering an alarm when unfamiliar object reaches to the aerial security zone.

WAVE - Family of Remote Controlled Weapon Station

Weapons: 7.62mm, 12.7mm/0.5", 40mm MGL

- Remote controlled weapon and sight
- Stabilization assuring firing accuracy on the move
- Image processing
- Compact, low profile, easy integration configuration
- Modular and flexible design to meet customer needs
- Enhanced observation & targeting
- Maximum protection for crew



COMBATGUARD – Extreme, Rough Terrain, Armored Vehicle

Israel Military Industries Ltd (IMI), a world leader in defense and military systems in conjunction with Ido Off Road Center - a renowned Israeli design house for high mobility and off road wheeled platforms, developed a unique, high speed, multi mission, tough terrain Armored Combat Vehicle (ACV) – the "COMBATGUARD"

The "COMBATGUARD":

- Rigid and efficient "Monocoque" capsule provides high level of protection
- Enables efficient operation in a variety of combat missions and terrains
- Can be equipped with various weapon systems and RCWS
- Option for IMI's "Bright Arrow" - combined active protection system (APS) with RCWS.



120mm M339 HE-MP-T Tank Cartridge



- A 120mm High-Explosive Multi-Purpose (HE-MP) cartridge
- Enables long range engagement
- Highly accurate
- Effective against LAVs, bunkers and urban structures
- Extremely lethal against dismounted infantry
- Incorporates a programmable multifunctional fuze with
- 3 modes of operation:
 - Air-Burst
 - Delayed Impact
 - Super Quick Detonation
- Complies with STANAG and MIL-SPEC requirements
- Compatible with L-44 and L-55 120mm NATO smoothbore tank guns



LYNX - Autonomous Multi-Purpose Rockets & Missiles Launching System



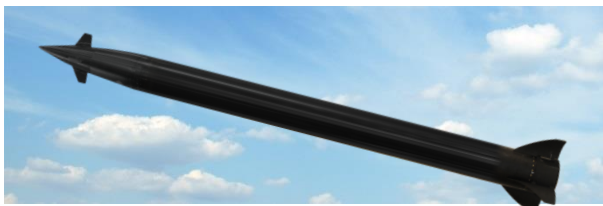
An autonomous, modular launching system, capable of firing various artillery rockets and tactical missiles, from 122 to 370mm, including 122mm, LAR, ACCULAR, EXTRA & Predator Hawk:

- Can carry multiple pods and warheads
- Automatically identifies the munitions on board and can be reloaded in less than 10 minutes

Main Features:

- Advanced FCS
- INS
- Metrological system
- Forward observation
- Aerial intelligence & BDA
- C⁴I (for network centric operations)

Predator Hawk - Long Range Artillery Rocket



A long-range tactical missile system for up to 250 km, with high precision and maneuverability. The system is comprised of the "Predator Hawk" missile and pod, the LYNX launcher, a C⁴I system, and a battery command unit.

EXTRA - Extended Range Artillery Rocket

A precise, low-cost, tactical-range 306mm artillery rocket system (30-150km)

The rocket system:

- Enables ground force commanders greater influence on the battlefield
- Can engage a wide range of high payoff targets, such as logistics installations and Command, Control and Communication centers
- Guarantees a CEP of 10 meters
- Allows easy transfer of firepower between sectors
- Is in use by several armed forces worldwide



ACCULAR - Accurate LAR

A highly-accurate, autonomously-guided 160mm artillery rocket system

The rocket system:

- Utilizes an internal GPS Trajectory Correction system (GTCS) and a thruster steering kit, guaranteeing precise target engagement
- Achieves an improved accuracy of 10 meters CEP
- Can be equipped with a proximity/penetration warhead

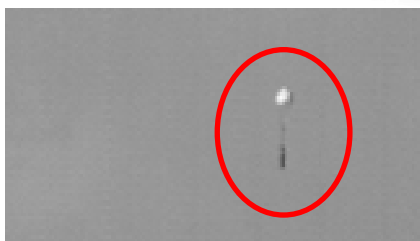
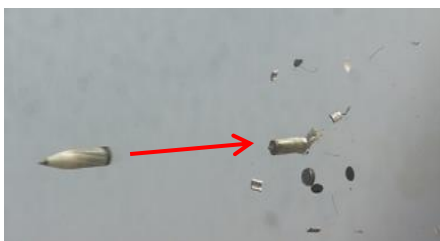


155 mm M454 - Super-High-Explosive (S-HE) Artillery Projectile

A highly-effective 155mm artillery projectile compatible with all 155mm NATO 39, 45 & 52 cal. guns. Introduces a unique solution based on a pre-fragmented drogue parachuted warhead.

The projectile:

- Is up to 5 times more lethal than standard HE projectiles against infantry, LAVs and logistic targets
- Incorporates a built-in self-destruct mechanism-eliminating dud rate
- Complies with the Oslo Convention



Small Caliber Ammunition



IMI is a world leading supplier of high quality military, law enforcement and commercial grade cartridges, in accordance with NATO, MIL-C, IDF standards or commercial specifications. The ammunition includes 5.56mm, 9mm, 7.62mm, 12.7mm and .388" cartridges. The 5.56mm and 9mm cartridges are NATO qualified.

IMI is the principal supplier of ammunition to the Israel Defense Forces (IDF), as well as various armed forces around the world, including NATO armies, with a proven capability for meeting stringent military specifications.

IMI also offers 5.56mm and 9mm GREEN cartridges, identical in performance to lead-based cartridges, while minimizing muzzle burnout and meeting international standardization requirements.



CIDS - Coast & Islands Defense System

- Target detection and tracking
- Long range engagement
- Quick response
- Self propelled (LYNX) or fixed (RCFL) launchers
- Remote controlled operation options
- Highly accurate missiles (10 m CEP)
- Improved lethality



GMM120 - Guided Mortar Munition

The 120mm GMM is a GPS guided mortar munition

The 120mm GMM is equipped with:

- GPS
- A canard servo and control mechanism
- Pure Heart (GPS/IMU and FCC) - guidance, navigation and flight control unit
- Computerized setter

The 120mm GMM warhead is effective against:

- Infantry & Light Armored Vehicles
- Range: 7-9km
- 10m CEP

