

# MOBILE PRECISION INDIRECT FIRES

MASSIVE FIREPOWER AND LETHALITY FOR SMALL SIZE WHEELED VEHICLES



## FEATURES

- Highly Mobile 120mm Light Weight Mortar Solution
- Novel emplacement design  
compatible with wide range of vehicles
- Integrated fire control and drive system  
delivers precise fires in a wide-degree fire arc
- Rapid emplacement/displacement, high mobility
- Operational with as few as 2 crew

## UNMATCHED LETHALITY & SURVIVABILITY

Operational needs of the modern mission require precision strike capability to support maneuvering tactical combat units with an independent and fast-fire network for immediate response. Elbit America's mobile precision indirect fires deliver high-precision lethality, mobility, and cost-effective advanced mortar munitions.

## MOBILE PRECISION INDIRECT FIRES

**SLING** | MOBILE MORTAR SYSTEM

**IRON STING** | ALL UP GUIDED MORTAR ROUND

**LG<sup>2</sup>MK** | LASER/GPS GUIDED MORTAR KIT

This product contains non-U.S. origin technical data.

## SLING | MOBILE PRECISION INDIRECT FIRES

- Two vs Four-Person Operation: Enabled by Electro-Drive System for azimuth and elevation
- 225° traverse area coverage from single firing position
  - More than 5x coverage than 120mm bipod-mounted mortar
- Maintain vehicle mobility and helicopter internal transport
  - Trailered system reduces ground mobility and limits helicopter transport
- SLING Fire Control Application designed on basic Call For Fire format
  - Does not require specialized mortar training for safe and effective operation
- SLING Fire Control Application being designed to work with LGMK and Iron Sting Ballistic Tables

<b>FIREPOWER</b>	UP TO 16 BOMBS PER MINUTE
<b>SUSTAINED RATE</b>	3-4 BOMBS PER MINUTE
<b>OPERATION</b>	2 VS 4
<b>TRAVERSE AREA COVERAGE</b>	225° FROM SINGLE FIRING POSITION



- Adaptable to a wide range of high mobility vehicles and easy integration
- Generic Capsule - Ground deployed before firing, in order to prevent transmission of recoil forces to the vehicle
- Equipped with an auto-laying system w/ manual back-up
- Accurate and automatic laying - on board fire control system with INS
- Massive firepower - Burst up to 16 bombs per minute, sustained rate of 3-4 bombs per minute

## IRON STING | ALL UP GUIDED MORTAR ROUND

- GPS/SAL/IMU highly accurate guidance
- 12 km range capability, CEP50 <1m with in SAL mode
- 10.8kg Blast/Frag Double Reinforced Concrete penetrating warhead
- Point Detonation, PDD and Proximity fuzing modes
- No Met data required

<b>RANGE</b>	1-12KM (DEPENDING ON MORTAR SYSTEM)
<b>ACCURACY</b>	CEP 50% : GPS < 10M ; SAL <1M
<b>GUIDANCE</b>	GPS/IMU+SAL
<b>SEEKER/SPONSOR</b>	STRAP DOWN CMOS DUAL MODE
<b>HIT ANGLE</b>	50-75 DEG
<b>WARHEAD</b>	10.8 KG (FRAGMENTATION/PENETRATION)
<b>LENGTH</b>	950MM
<b>MISSION LOAD TIME</b>	~15 SEC.

NO METEOROLOGICAL DATA IS REQUIRED



## LASER/GPS GUIDED MORTAR KIT (LG<sup>2</sup>MK)

- Easily adds precision guidance to existing warheads (M933/M934)
- GPS provides precision indirect fire guidance against grid target
- SAL seeker for moving and relocating target engagements
- Compatible with all existing mortar tubes and propellant zones

<b>GUIDANCE</b>	GPS/SAL/ COMBINED GPS+SAL
<b>WARHEAD</b>	STANDARD (E.G., M933/M934)

