

# Crossbow

Advanced automatic mortar system



In the modern world of warfare, speed and precision are imperative. The Crossbow 120mm soft recoil mortar system redefines firing capabilities and effectiveness with a unique automatic loading system. Based on cutting-edge technology, the advanced system is designed to enhance strategic capabilities, supplying quick and indirect fire support and ensuring every shot counts, for a decisive advantage on the battlefield.

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## Advanced automatic mortar system

### Operational capabilities

Crossbow's automatic loading system delivers precision strike capability and reduced sensor-to-shooter loop duration, especially for first round. The 120mm turreted mortar system features a 360° traversable turret for unrestricted rotation and is capable of operating in a GPS-denied environment.

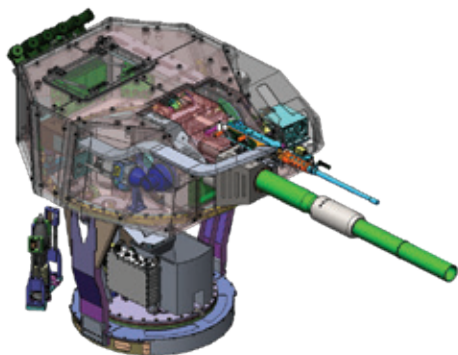
**Automatic loading system:** Enhances performance of 120mm mortar turret, delivering increased rate of fire and precision for sustained fire support and maximum impact. Reduces operational risks and resources.

**Diverse fire capabilities:** Auto-loading and rapid continuous high rate of fire. Capable of firing all types of 120mm NATO standard ammunition and guided mortar munition (GMM) in direct fire including on-the-move and supports multiple rounds simultaneous impact (MRSI) at both high and low angles.

**Precision-strike capability:** Rapid high-capacity strikes with high reliability, including pre-planned target engagement.

**Extended effective range:** Breech loaded 3m long-range (LR) barrel for improved range and accuracy.

**Compatibility:** Can be mounted on 6x6 and 8x8 wheeled vehicles, tracked vehicles, and UGVs



### Key Features

- Fully automatic loading system
- 360° continuous traverse turret
- Sustained high rate of fire
- Remote fire control system

### Key Benefits

- Extended range
- Shoot & scoot capability
- Supports MRSI
- Simple operation
- High-cost effectiveness per strike

### Technical Specifications

General	
Barrel elevation	-3° - 87°
Turret traverse	360° x N
Laying system	Electrical with manual backup
Protection level	Up to level 4 according STANAG 4569
Rate of fire	Max rate of fire 10 r/min., sustained rate of fire 6 r/min.
First round fire response	≤ 30 sec
Max recoil force	27T
Standards	MIL-STD-810G compliant



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E-mail: [land@elbitsystems.com](mailto:land@elbitsystems.com) [www.elbitsystems.com](http://www.elbitsystems.com)

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