

AUTOMATIC CANNON

MK30-2/ABM 30 MM X 173



The MK30-2/ABM was developed as the main armament of the new German Puma infantry fighting vehicle. Air burst munition (ABM) rounds feature a programmable ignitor. The best possible combination of a high rate of fire and state-of-the-art ammunition technology makes the MK30-2/ABM an uncompromising and reliable weapon system which can be deployed universally.

The projectile of the ABM contains an electronic timer module, which is programmed inductively at the muzzle with compensation for variations in projectile velocity to ensure precise down-range payload release. The ABM ammunition is able to defeat a wide range of modern battlefield threats including IFVs, ATGM bunkers, dismounted troops and helicopters.

Within a range up to 3,000 metres the MK30-2/ABM delivers maximum effectiveness against land-, air- and sea targets. Combining high performance with latest ammunition technology, this gas-operated cannon offers long-term dependability even under punishing field conditions.

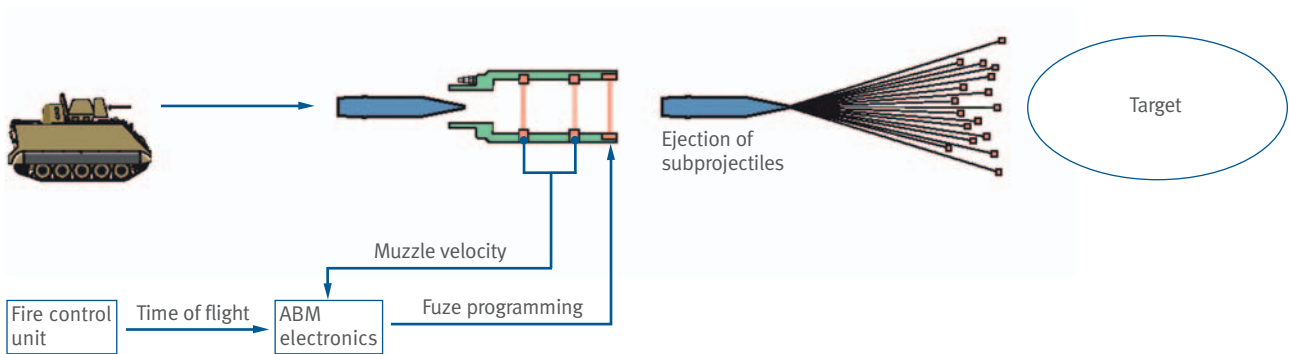
The combination of the programmable 30 mm automated fuse in accordance with the "Ahead"-principle, means a high measure of combat power is achieved. This is due to the fact that, when exiting the tube the ammunition is informed of the moment for the ejection of a defined number of sub-projectiles before reaching the target. Hit probability at greater distance and against smaller targets can therefore be increased. Through this principle a variety of types of target can be effectively combated with only one type of ammunition.

Technical Data	
Calibre	30 mm x 173
Weight incl. dual ammunition feeder	198 kg
Length incl. muzzle break and programming unit	3.78 m
Rapid single fire	up to 200 rds/min
Burst fire	700 rds/min

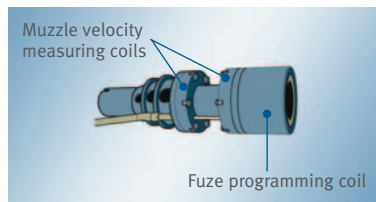
Key Characteristics

- Simple design
- Excellent operational reliability
- High rate of fire
- Most modern ammunition technology
- Wide range of applications

ABM System



Muzzle Programming Unit



Programmable Electronic Fuze

