

CANIK
SUPERIOR FIREARMS

www.armor.gr



INTRODUCTION

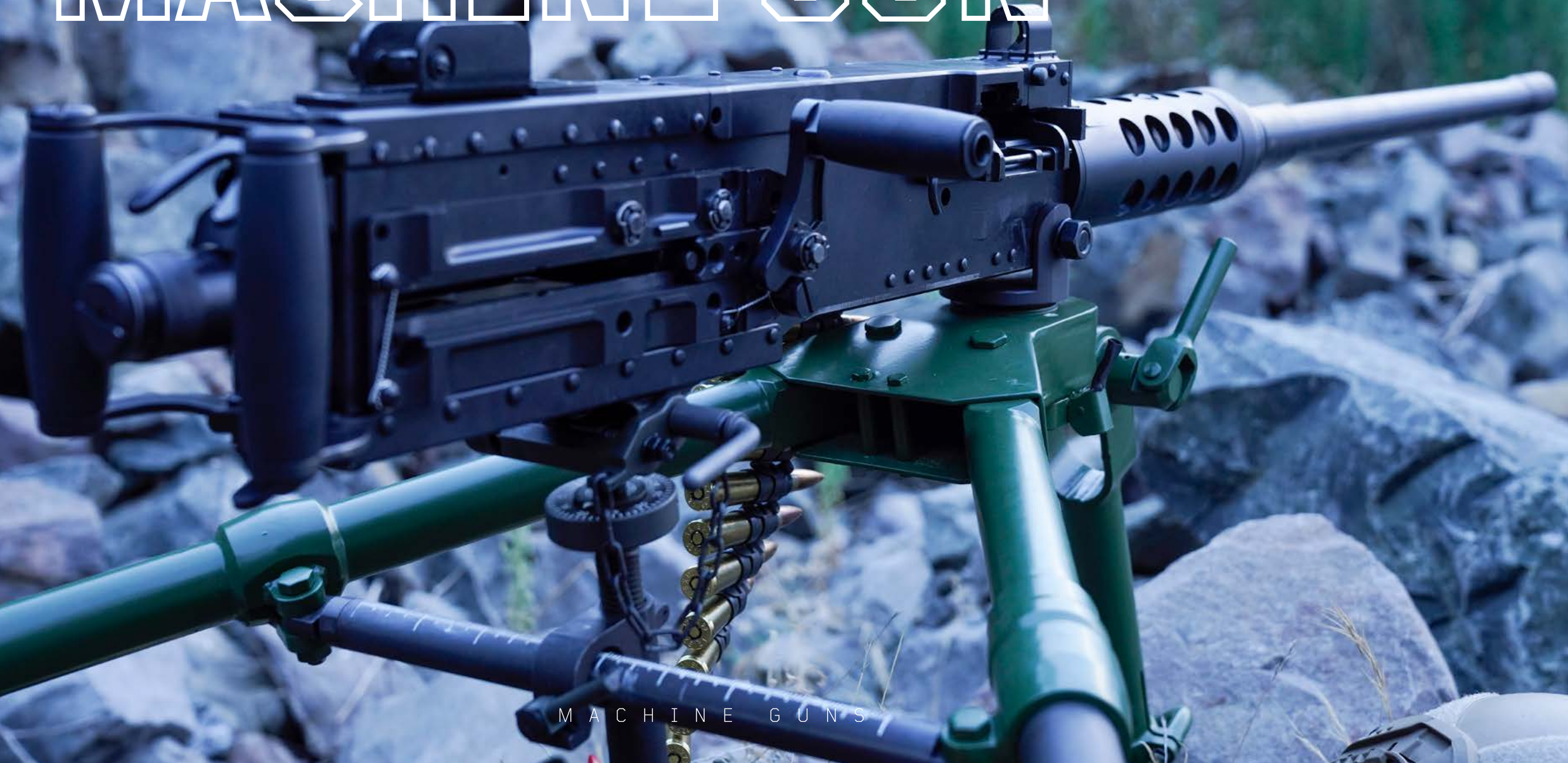
Based near the mountain bearing its name, which in ancient times signified a place for protection, over the past 25 years, CANiK has achieved numerous successes and has built a reputation for excellence through its extensive product range and the experience, know-how, and technological capabilities representing Turkey worldwide. CANiK has meticulously developed and produced top-of-the-line Striker-fired pistols, heavy machine guns, and medium-caliber cannons, which are the preferred choice in over 70 countries

around the world. CANiK firearms have consistently proven themselves in accuracy, durability, and reliability tests required to serve military and law enforcement agencies globally. On the civilian side, the CANiK brand has been the choice of world champions and has won many national championships, thanks also to our Professional CANiK Team Shooters. Raising the standard for firearms quality is the only acceptable path for CANiK, and with this goal in mind, it's clear why our slogan is 'Superior Firearms.'

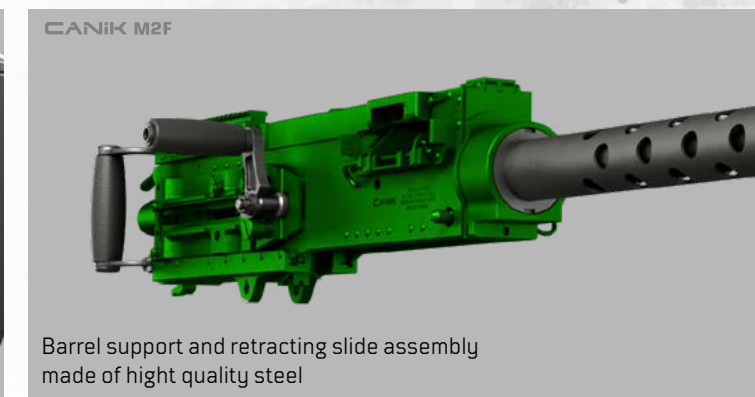
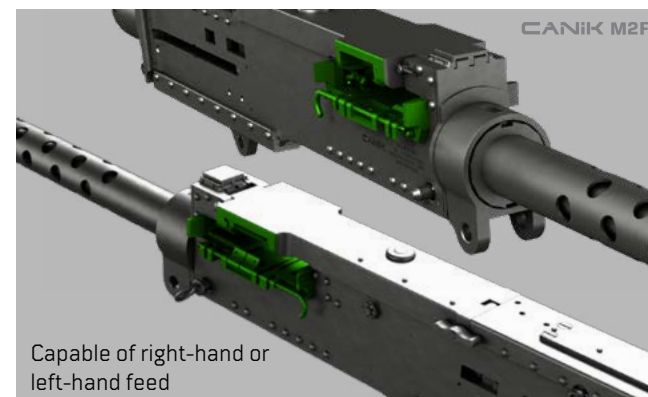
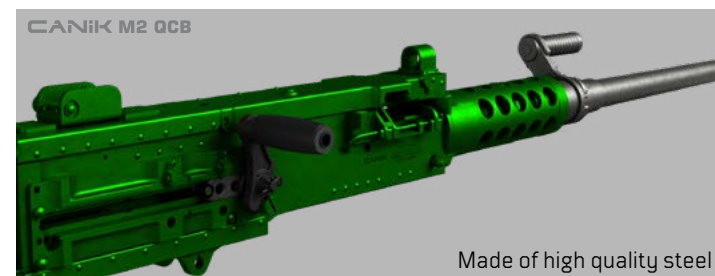
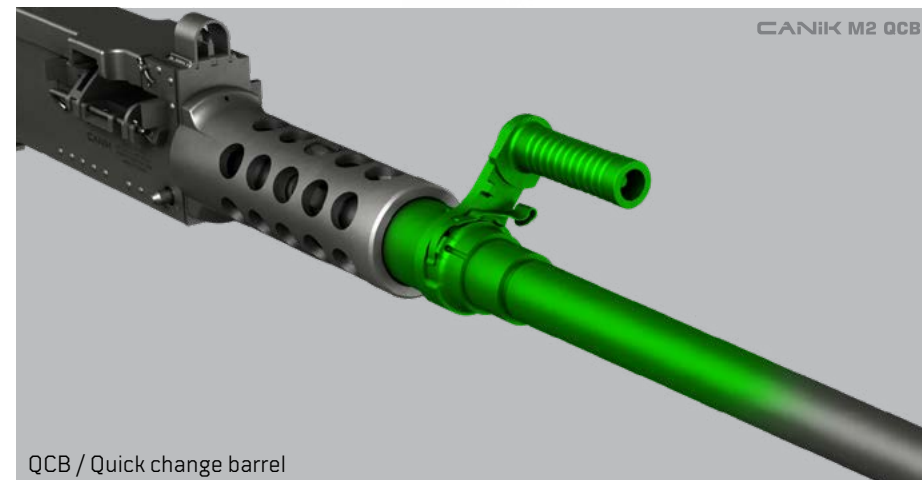
PROVIDING SECURITY REQUIRES PROFESSIONALITY

The purpose of a firearm is simple: when you need it to perform, it does. This objective is a universal expectation for everyone, from the self-defense owner to the competitor and even the professional. CANiK confidently delivers this level of dependability, the result of countless years of time and effort dedicated to perfecting the brand. Designed with challenging environments in mind, CANiK firearms are not only reliable but also excel in various tactical & competition uses. Whether in the hands of a law enforcement professional navigating high-stress situations or a competitor seeking precision in tactical competitions, CANiK firearms are engineered to meet and exceed expectations in challenging scenarios as well.

HEAVY MACHINE GUN



MACHINE GUNS



CANiK M2 QCB

CANiK M2 represents a significant leap forward from the renowned 12.7 mm [50 cal.] heavy machine gun, a stalwart in the field extensively utilized on armored and light vehicles, shipborne mounts, and infantry tripod mounts in anti-material, anti-vehicle, and anti-personnel capacities. CANiK proudly introduces the world's most robust and precise M2 QCB 12.7 mm [50cal] heavy machine gun, boasting a barrel life of over 20,000 rounds with an exceptional dispersion rate of less than 6 MOA. In the face of corrosive elements like moisture, oxygen, and salt—especially sodium

chloride—CANiK M2 QCB sets itself apart. Thanks to the innovative MARINE-GRADE ANTI-CORROSION COATING (MGAC) technology of the Quick Change Barrel (QCB), offers unparalleled protection against the corrosive effects of saltwater, particularly in splash conditions, providing the utmost defense against corrosion. CANiK M2 QCB is not just a machine gun; it's a testament to durability, precision, and cutting-edge technology, setting a new standard in heavy machine gun excellence.

GENERAL FEATURES

- Marine grade anti-corrosion coating (MGAC)
- Quick changed barrel
- Barrel handle for simplifying hot barrel changing
- Side changeable retracting slide assembly
- Side changeable belt-holding pawl
- Single-shot or automatic fire

SPECIFICATION

CALIBER	12x7mm [50cal.]
TYPE OF AMMUNITION TO BE USED	12.7x99 Standard Ammunition/ Standard NATO Cartridges
WEIGHT OF COMPLETE GUN (Without Feed Chutes and Tripod Adaptor)	37,5 kg
WEIGHT OF BARREL ASSEMBLY	12 kg
LENGTH OF GUN	1665 mm
LENGTH OF BARREL ASSEMBLY	1143 mm
METHOD OF OPERATION	Short recoil
FIRING MODE	Automatic Dual Selective (Single and Automatic)
MUZZLE VELOCITY	900 m/s
RATE OF FIRE	450-650 rpm
MAXIMUM EFFECTIVE RANGE	1830 m
MAXIMUM RANGE	6800 m
BARREL LIFE	20000+
ACCURACY	18 cm[≈6 MOA]/ at 100m
RECOIL FORCE	150-250 pounds



CANiK M2F

In the realm of modern military operations, characterized by the unprecedented speed of tactical wheeled vehicles, nimble helicopters, and unmanned vehicles, the demand for firepower has reached new heights. Enter the CANiK M2F, a formidable addition to the CANiK superior firearm arsenal, meticulously designed to harness the devastating impact of 12.7x99mm (.50) caliber ammunition within the dynamic and high-speed operating environments of today's military landscape. The M2F stands as a testament to CANiK's commitment to excellence, featuring low dispersion, an extended barrel life, and proven performance

in diverse environmental conditions, all attributed to its cutting-edge coating technology. With a rate of fire increased by over 30% compared to the M2QCB, achieved through a streamlined barrel and mechanism, the M2F emerges as the quintessential platform for anti-material/anti-personnel weaponry on air, sea, and land vehicles, particularly helicopters and light attack aircraft. In the fast-paced world of modern military operations, the CANiK M2F redefines superiority, providing unparalleled firepower for those who demand the best.



SPECIFICATION

CALIBER	12x7mm (.50cal.)
EFFECTIVE RANGE	1830M
MAXIMUM RANGE	6800M
WEIGHT	31.5KG
BARREL LIFE	15000+
TOTAL LENGTH	1560 MM
BARREL LENGTH	913 MM
GROOVES	8
RATE OF FIRE	850-1000 Rounds Per Minute Cyclic



CANiK M3

Introducing the CANiK M3, the ultimate 12.7x99mm [50] caliber machine gun tailored to the demands of the modern battlefield, where the agility and speed of mechanized and air-mobile units have evolved over the last 40 years. In line with the distinguished lineage of CANiK Heavy Machine Guns (HMGs), the M3 exhibits exceptional endurance with a barrel life of around 15,000 rounds and remarkable accuracy, boasting 6 MOA at 100m.

What sets the CANiK M3 apart from other HMGs is its deliberate design to achieve an exceptionally high rate of fire, ranging from 1100 to 1200 rpm. This capability ensures the delivery of instantaneous and precise volume of fire on the target, making it an ideal choice for crew-served door guns on

utility and special forces helicopters. Additionally, the M3 finds its place in gun pods for light attack aircraft and helicopters. In versatile applications, depending on operational conditions and threat levels, it becomes the optimal choice for arming Remote Controlled Weapons Stations on Unmanned Ground Vehicles and Unmanned Surface Vehicles.

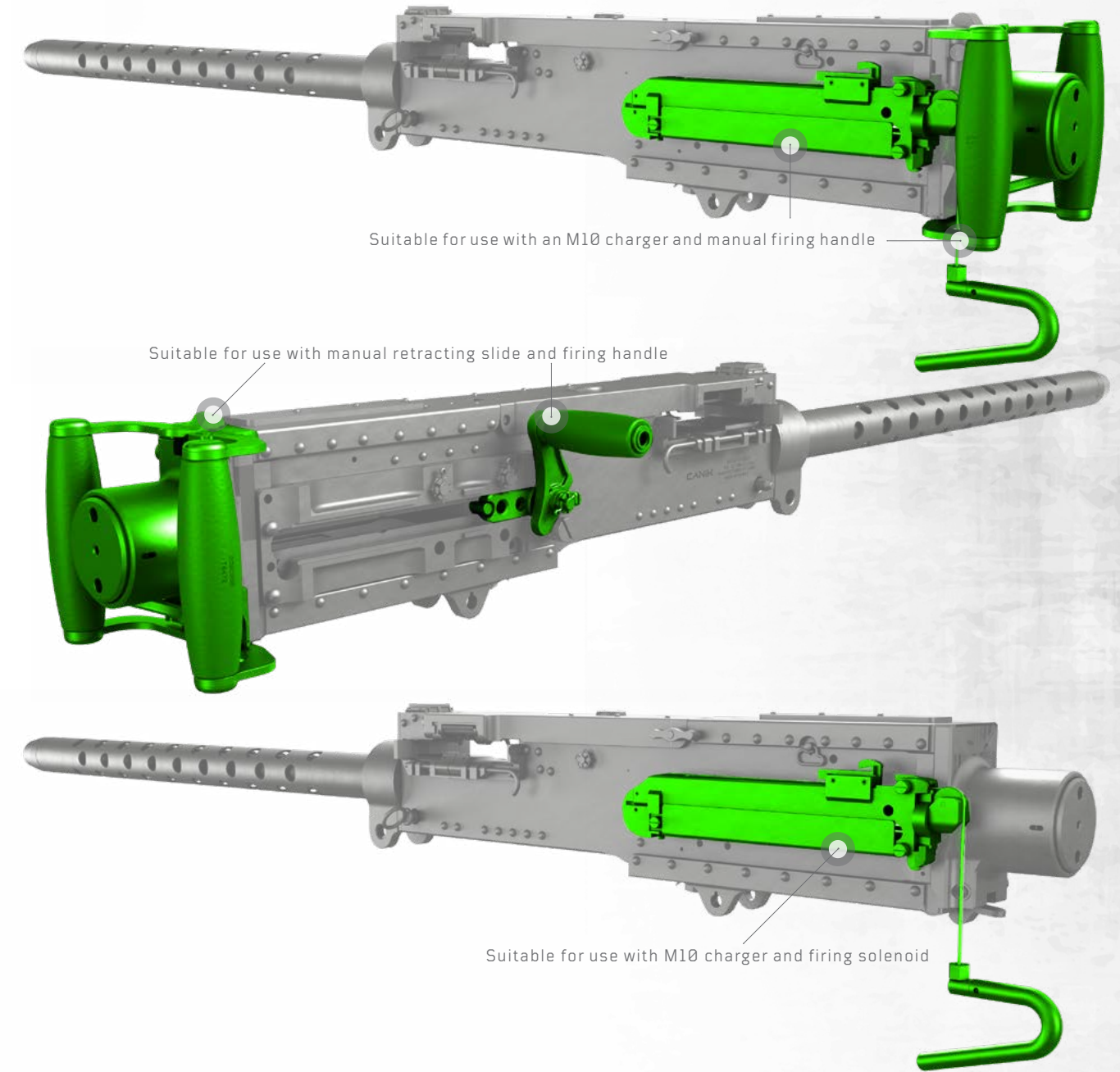
The CANiK M3 embodies the pinnacle of firepower, combining enduring reliability, pinpoint accuracy, and an impressive rate of fire. As with all CANiK innovations, it stands as a testament to our commitment to providing cutting-edge solutions for the evolving needs of modern warfare.



SPECIFICATION

CALIBER	12.7 mm [50 cal.]
TYPE OF AMMUNITION TO BE USED	12.7 x 99 Standard NATO
WEIGHT	33.4 kg [Values may vary depending on configurations]
LENGTH	1460 mm [Values may vary depending on flash hider]
WIDTH	260 mm [With Solenoid and Retracting Handle]
HEIGHT	170 mm [Values may vary depending on configurations]
FIRING MODE	Full Automatic
MUZZLE VELOCITY	900 m/s [Changes depending on the type of ammunition]
RATE OF FIRE	1100-1200 RPM
MAX. EFFECTIVE RANGE	1830 m
MAX. RANGE	6800 m
BARREL LIFE	15.000+
DISPERSION	18 cm/100 m [6 MOA]
RECOIL FORCE	18,5 kN [±1,5kN]

Different versions which include either integral solenoid or trigger & charging handle is being developed.



Suitable for use with an M10 charger and manual firing handle

Suitable for use with manual retracting slide and firing handle

Suitable for use with M10 charger and firing solenoid

MEDIUM CALIBER CANNONS

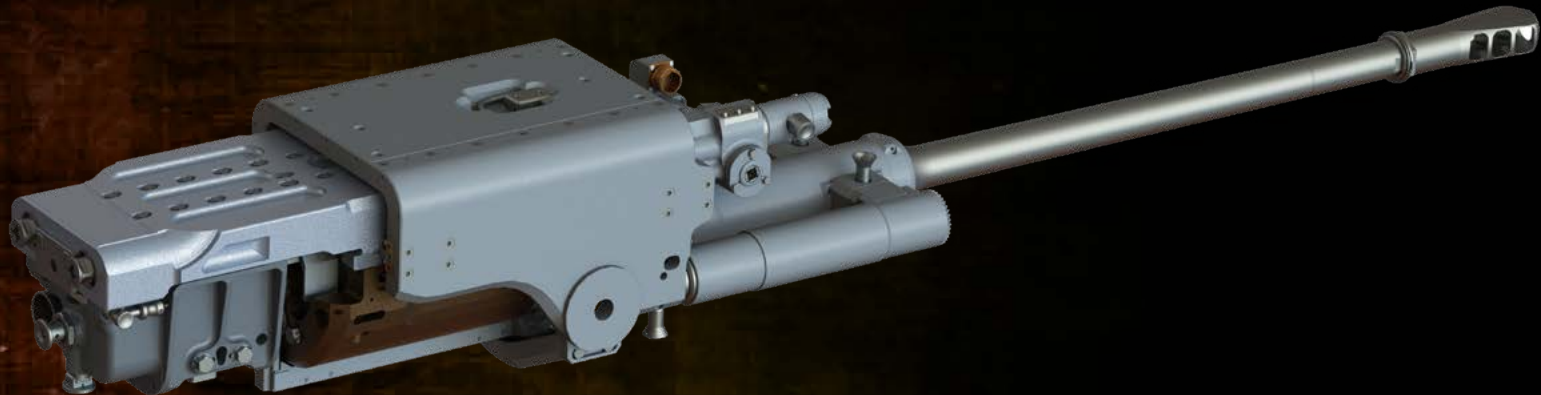


MEDIUM CALIBRE CANNONS

VENOM LR

Medium caliber automatic cannons firing 30x113mm ammunition generate significantly less recoil compared to larger cannons firing 30mm ammunition. Leveraging this advantage, VENOM LR(Low Recoil) seamlessly integrates with lightweight compact turrets, remote-controlled systems, and crew-served weapons stations. Furthermore, the adaptability of 30x113mm rounds to emerging ammunition and fuse technologies empowers this

cannon to deliver the necessary firepower for small tactical units on the modern battlefield, particularly against drones, light armored vehicles, and personnel behind cover. In terms of equipping combat vehicles, VENOM LR bridges the capability gap between 127mm Heavy Machine Guns (HMGs) and larger caliber autocannons. With these superior features, VENOM LR stands out as the world's most platform-integrable 30mm gun.



LAND PLATFORMS

These lightweight auto-cannons are to replace 127mm HMG and 40mm AGL combinations on reconnaissance and special forces vehicles or wheeled armored personnel carriers (APC).



4X4



6X6



8X8



FPC



OPV



UNMANNED SURFACE VEHICLE



MRAP



UNMANNED GROUND VEHICLE



PICK UP



RIB



ASSAULT CRAFT



FAC

NAVAL PLATFORMS

Ideal weapons against asymmetrical surface threats and drones on unmanned surface vehicles (USV), and fast patrol crafts, in both combat and law enforcement operations.

AIR PLATFORMS

Weapon of choice for arming attack helicopters and utility helicopters used in fire support/anti-armor roles.



ATTACK HELICOPTER



UTILITY HELICOPTER



M2 HMG
127X99 (50CAL)



M230
30X113



MK44/MK-30
30X173

SPECIFICATION

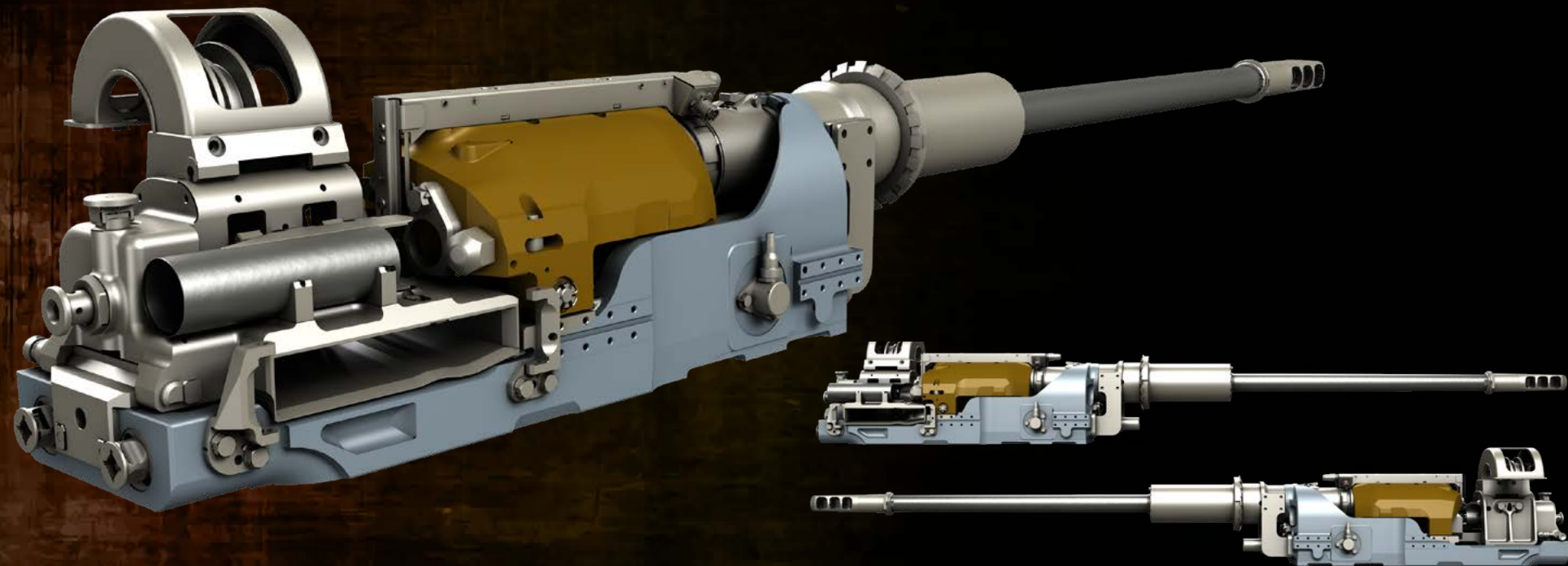
CALIBER	30 x 113 mm (ADEN, DEFA & M230 ammunition compatible)
MUZZLE VELOCITY	765 – 805 m/sSingle shot
RATE OF FIRE SINGLE SHOT	220 – 230 shots per minute (spm) 1100 – 1300 spm2,000 m effective (RWS FCS dependent)
RANGE	2,000m effective (RWS FCS dependent) 3,000m max
RECOIL FOCRE	9 kN max /7 kN mean
VEPAON FIRING	24 – 28 V DC / 1 A max
REMOTE COCKING	Electromechanical 24 – 28 V DC, 15 – 10 A (15 A spike, < 5 s) Full cocking cycle; 50 s max Partial cocking/safeing cycle; 40 s Arm gun (after partial cocking); 10 s
MANUAL COCKING	Electromechanical & mechanical
GUN SAFEING	Partial remote cocking
GUN (LESS BARREL)	92 kg
BARREL ASSEMBLY	16 kg
BUFFER CRADLE	14 kg
TOTAL	122 kg
OVERALL LENGTH	2044 mm
WIDTH	315 mm (adjustable to suit RWS interface)
HEIGHT	310 mm



VENOM

VENOM is a derivative of the world-famous ADEN 30mm and is a gas-operated, electrically primed revolver gun. Configuration is similar to ADEN but with a lengthened barrel for optimized velocity, a muzzle brake for reduced recoil, and a barrel-aligned recoil buffer for improved accuracy. With an effective range to 2000 m and the selectable option of single shot and 230 spm, VENOM's ADEN heritage makes it a highly price competitive, non-ITAR

restricted alternative to the M230 LF Chain Gun. Designed for Turret, Remote Weapon Mount and Naval installations, VENOM is compatible with NATO standard ADEN/DEFA 30 x 113mm ammunition as well as M788 and M789 variants. VENOM is another AEI Systems in-house design and is manufactured to aircraft standard quality entirely in the UK.



LAND PLATFORMS

Ideal weapon for installing in turrets on dedicated Maneuver Short Range Air Defense vehicles.



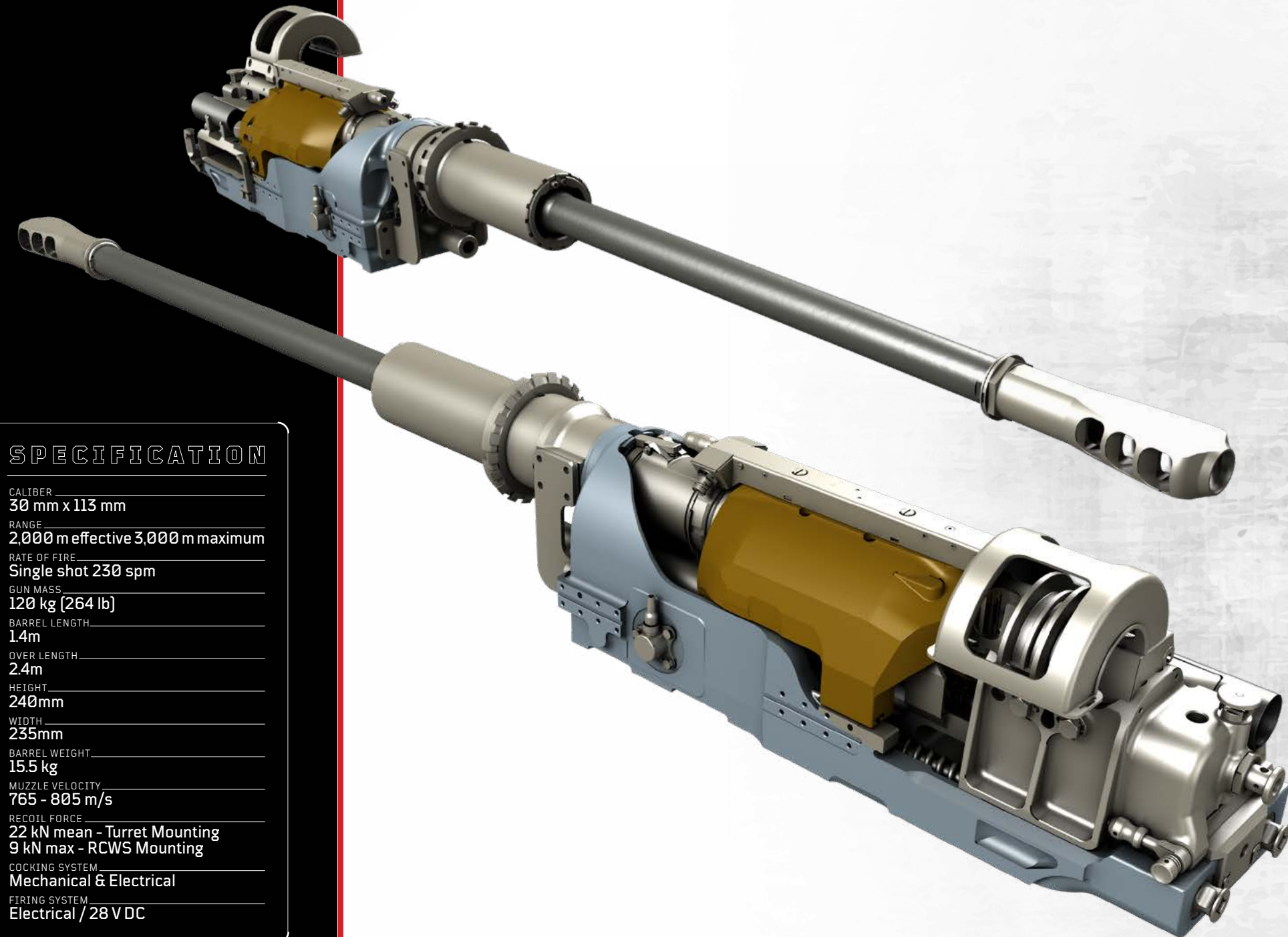
6X6



8X8

SPECIFICATION

CALIBER	30 mm x 113 mm
RANGE	2,000 m effective 3,000 m maximum
RATE OF FIRE	Single shot 230 spm
GUN MASS	120 kg (264 lb)
BARREL LENGTH	1.4m
OVER LENGTH	2.4m
HEIGHT	240mm
WIDTH	235mm
BARREL WEIGHT	15.5 kg
MUZZLE VELOCITY	765 - 805 m/s
RECOIL FORCE	22 kN mean - Turret Mounting 9 kN max - RCWS Mounting
COCKING SYSTEM	Mechanical & Electrical
FIRING SYSTEM	Electrical / 28 V DC





Integrating weapon systems into platforms in such a way that they can be used effectively by the operator requires many challenging problems to be overcome. These include stabilization and the provision of visual and physical support for the operator, thus ensuring the optimum use of the weapon. Unirobotics strives to

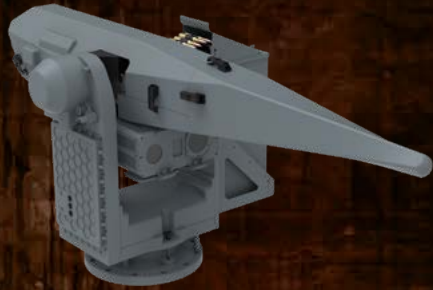
design innovative mechatronic systems, recognizing that such an approach is the only way to tackle challenging problems. At Unirobotics, our focus is on developing smart mechanisms that assist and support the weapon system operator.

TRAKON
LITE

TRAKON

TRAKON
CREW

TRAKON
TARGAN



Low profile – Lightweight – Robust

Great Firepower With a Compact Weapon Station

Human – Machine Collaboration

Cutting Edge Technology with a Superior Firearm

- Applicable for Land & Naval Platforms
- Low Profile – Lightweight Structure (180kg; Gun + 200 rounds ammunition included)
- Day Sight Camera with Uncooled Thermal Optic and LRF (Laser Range Finder)
- Day Camera 1280 x 720 pixel, 30x Optic Zoom, 8x Digital Zoom
- IR Camera 640 x 512 pixel, Uncooled, 6x Continuous Zoom
- LRF Eye Safe, 30 m-10 km, @5 km (Target Size: 2.3 x 2.3 m)
- DRI Specs (IR): D: ≥14900m R: ≥5200m I: ≥3400m
- D: 6.500 m I: 3.000 m I: 1.500 m (Target Size: 2.3 x 2.3 m)
- Target Detection and Tracking capability
- Supported Weapons: 127 mm M2.40 mm Mk19 Grenade Launcher
- Ammunition Capacity: 200 rounds
- Dimensions: 85 cm x 60 cm x 40 cm (Width x Length x Depth)
- Elevation Axis: -20°/+60°, 60°/s, 90°/s²
- Azimuth Axis: ±160° (optional nx360°), 60°/s, 90°/s²
- Stabilization Accuracy: 3 mRad
- Stabilization Type: Gyro Feedback Stabilization
- Electrical System max 1.5kW @ 18V-32VDC (28VDC nominal)
- Environmental Standards MIL-STD-810G
- Electrical Standards MIL-STD-461E, MIL-STD-464A

- Applicable for Naval & Land Platforms
- Robust and Environment-proof structure
- Independent 2 Degree of Freedom E/O Gimbal with
- Day Sight Camera Cooled Thermal Optic and Laser Range Finder
- Day Camera 1280 x 720 pixel, 30x Optic Zoom, 8x Digital Zoom
- IR Camera 640 x 512 pixel, Cooled, 6x Continuous Zoom
- LRF Eye Safe, 30 m-10 km, accuracy <1m
- DRI Specs (IR): D: ≥14900m R: ≥5200m I: ≥3400m
- (Target Size 2.3x2.3m)
- Target Detection and Tracking capability
- Ammunition Capacity: 200 rounds
- Elevation Axis: -15°/+55°, 60°/s, 90°/s²
- Azimuth Axis: ±160° (optional nx360°), 60°/s, 90°/s²
- Stabilization: 3 mRad
- Navigation System: RTK Supported INS
- Meteorological Sensor Optional

Stabilized Mount For Crew Served 127x99 Weapon System "Trakon Crew" is not a Remote Controlled Stabilized Weapon System. It is a manually controlled (crew-served) gun mount whose gun pedestal is stabilized by servo-actuators, tactical grade IMU and, a special control algorithm created by UNIROBOTICS. "Trakon Crew" provides the stabilization and the natural line of sight of the operator at the same time. Thus, while observing the whole area, the operator can engage multiple targets without being affected by the disturbance of the platform.

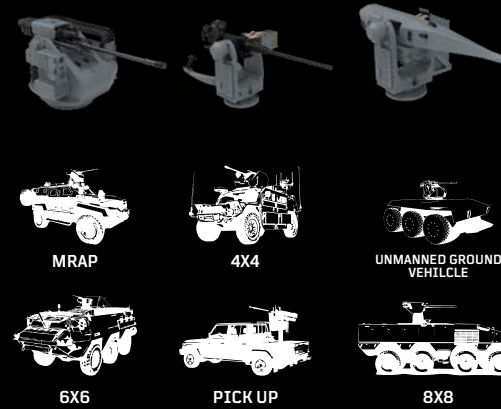
- Applicable for Naval & Land Platforms
- Robust and Environment-proof structure
- Elevation Axis: -20°/+60°, 60°/s, 90°/s²
- Azimuth Axis: ±160° (optional nx360°), 60°/s, 90°/s²
- LRF Integrated Reflex Sight is optionally available.



Awarded for the Turkish Off-Shore Patrol Vessel Project by the Turkish Navy Forces

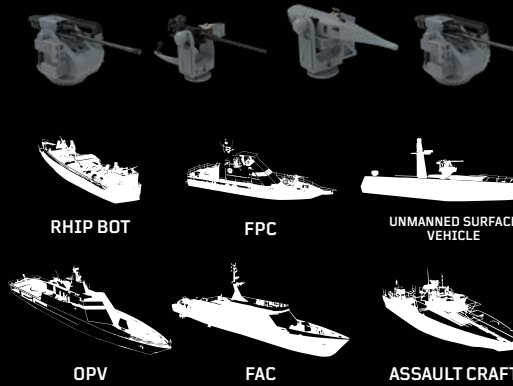
LAND PLATFORMS

These lightweight auto-cannons are to replace 127mm HMG and 40mm AGL combinations on reconnaissance and special forces vehicles or wheeled armored personnel carriers (APC).



NAVAL PLATFORMS

Ideal weapons against asymmetrical surface threats and drones on unmanned surface vehicles (USV), and fast patrol crafts, in both combat and law enforcement operations.



CANIK SMART

RFID / ARMORY - WAREHOUSE MANAGEMENT SOLUTION

RFID technology represents the forefront of innovation, seamlessly integrating into firearms and streamlining tasks such as weapon management, product identification, and warehouse management. The RFID system allows for the storage of extensive information within firearms, accessible to users through reading capabilities.

Important Note : This feature is not standard in handguns; rather, it can be supplied upon request by end-users within the scope of specific procurements.

- Serial number
- Manufacturing information
(model, manufacturing year, processes applied)

Reading firearms with RFID by the readers to be placed in the armory and warehouse area. Running inspections in many scenarios through the software running on the server. Monitoring the entire firearms movements and tracking and controlling on the management screens.

- Weapon and ID match
- Warehouse management scenario
- Case of breach and alarm manufacturings

ARMORY

Based on RFID technology and running on specially developed software, CANIK Smart® Armory solution facilitates armorers' time-consuming and stressful day-to-day weapon fleet and accessories management duties. The system keeps track of the user's ID and the serial numbers of the issued weapons and their accessories, keep record of shots fired, create maintenance and repair work orders therefore it increases the availability rate of weapons, enhances security and safety, and reduces operation costs.



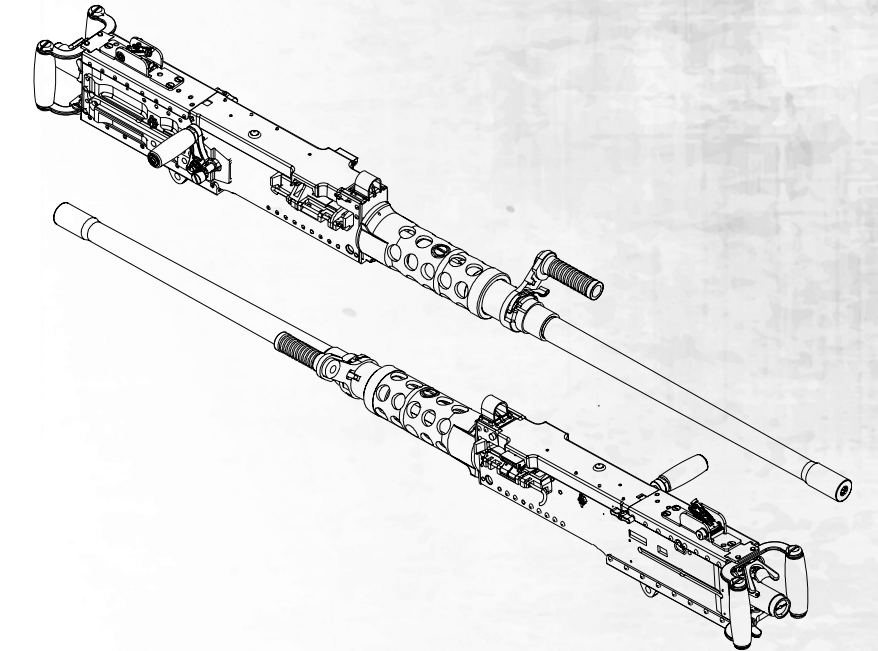
CANIKTECH

INTEGRATED LOGISTICS SUPPORT (ILS)

Integrated Logistics Support (ILS) encompasses the processes spanning the entire 'life cycle' of a product, from conceptualization to retirement. These processes encompass design, development, testing, production, inventory management, training, operation, maintenance, modernization, and de-inventory. ILS involves planning and executing administrative and technical activities to ensure the seamless implementation of these processes.

Given the high technological nature of military systems, their operation in high-risk environments, and the imperative of constant readiness, CANIK's ILS approach prioritizes the swift creation of sustainable and cost-effective solutions. The overarching goal of ILS across all SYS (Samsun Yurt Savunma) group companies are to rapidly address emerging needs based on insights gathered from end-users. This approach not only ensures the optimal performance of military systems but also underscores our commitment to agility and effectiveness in meeting dynamic requirements.

- Planned, malfunction-focused, and predictive maintenance/repair
- Inventory, spare parts management, and procurement
- Integration
- Periodic controls
- Testing
- Firing tests
- Manpower and personnel support
- Training and training support



CANIK
SUPERIOR FIREARMS

www.armor.gr