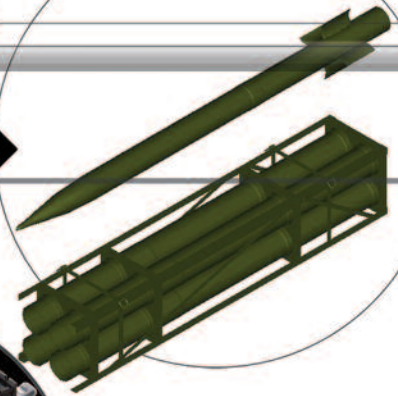
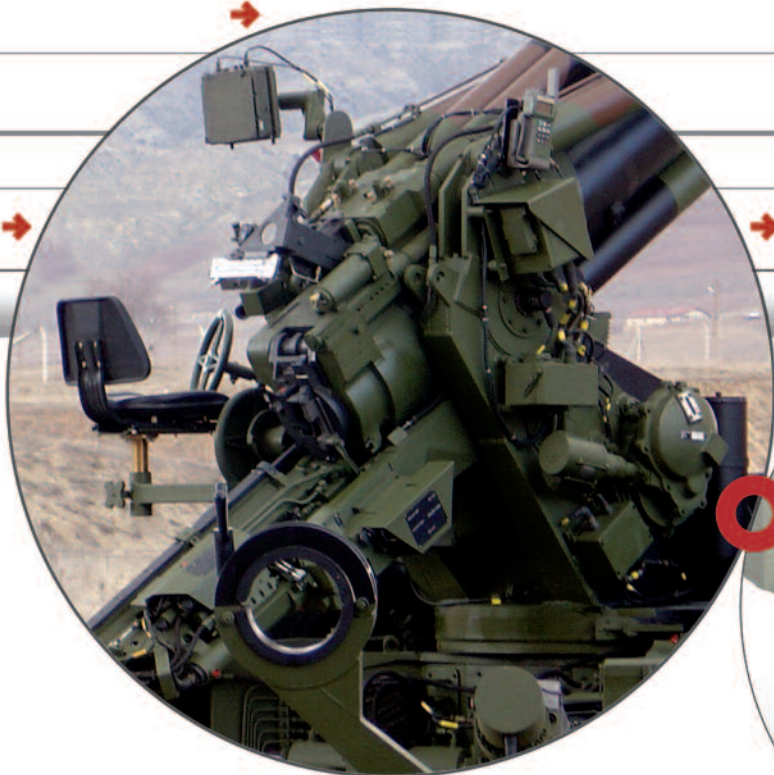




WEAPON SYSTEMS & AMMUNITIONS





aselsan



Pedestal-Mounted Air Defence System (PMADS)

PMADS is a fully automated firing unit for Very Short-Range Air Defence System missiles, providing autonomous as well as coordinated operation with C3I systems. The main task of the system is the low-level air defence of stationary and moving forward troops, convoys and tactical bases in the battlefield. The modular turret, incorporating LRU sub-systems, can be integrated onto a variety of platforms with different types of missiles.

Export Countries: Netherlands.



Stabilised Machine Gun Platform (STAMP)

STAMP is a stabilised and remotely operated weapon system against asymmetric threats. The system can detect, identify, deter, engage and destroy threats with a versatile sensor-weapon combination, suited on a fully stabilised turret that can be operated from a remote control console. Different calibre machine guns and various sensor suites can be tailored on the system according to the tactical requirements and the land/naval platform of the customer.

Export Countries: Malaysia and the UAE.



STOP Remote Controlled Stabilised Naval Gun System

STOP is a new generation, cost-effective, medium-calibre weapon system for naval platforms. STOP can detect, identify, deter, engage and destroy threats with a versatile sensor-weapon combination, situated on a fully stabilised turret that can be operated from a remote control console.

The system provides a lightweight, versatile and effective means of force protection for applications ranging from capital ships to patrol craft.

STOP has an exceptionally high hit and kill probability with an impressive firepower. Comprising a two-axis stabilised turret that contains an electro-optical sensor suite and fire-control software, STOP is capable of acquiring targets and engaging them autonomously. The optical sensor suite of STOP provides enhanced situational awareness and the ability to identify and engage threats, day or night, in all weather conditions.

Export Countries: Georgia, Malaysia and Pakistan.



155mm Towed Howitzer (Panther)

The Towed Howitzer developed by MKE under the ADOP-2000 programme, aimed at raising the ability of the artillery group of the Turkish Armed Forces (TAF) to respond to the needs of today's battle conditions, stands alongside its peers produced by the west. Using NATO-standard modern ammunition and utilising a 52 Calibre 155mm barrel, the Howitzer has been produced by MKE at its factories. Thanks to its auxiliary power unit the Towed Howitzer Panther (Panther) could reach a maximum speed of 18km/hour and is able to fire three rounds in 15 seconds and up to 6 rounds per minute with its semi-automatic loading system. Panther can leave its firing position in two minutes.

Export Countries: Pakistan.



T-155 Self Propelled Howitzer (Firtina)

Operated by a crew of five, the 155/52 calibre T-155 Firtina Self Propelled Howitzer (SPH) has a maximum firing rate of up to six to eight rounds per minute thanks to its automatic loading system. The maximum range of the 155/52-calibre gun is 18km with M107 (HE), 30km with M549A1 RAP (HE) and 40km+ with ERFB/BB projectiles. The onboard ammunition load includes 48 155mm 52 calibre projectiles and associated charges.

MKEK delivers the complete 155/52-calibre Weapon System, Aselsan delivers both Communications System and Fire Control System (FCS) and 1st Main Maintenance Command, situated in Arifiye, Adapazarı, manufactures the platform, turret and some certain subsystems.

Firtina (Storm) SPH is powered by a MTU MT-881 Ka-500 1.000hp diesel engine coupled with an Allison X1100-5 fully automatic transmission. The vehicle has a range of 400km and a maximum speed of 65km per hour. The Turkish Land Forces (TLF) has received over 110 T-155 Firtina Self Propelled Howitzer (SPH) since April '04.





YÜKSEL SAVUNMA
SİSTEMLERİ A.Ş.

IMTAKS
UNMANNED - REMOTE CONTROLLED WEAPON SYSTEM



IMTAKS

IMTAKS is a unmanned remote-controlled weapon station system that is able to capture motion on the battlefield, track targets, and transmit and control all data/commands via wireless or with cable. The system has been developed to protect military outposts from surprise fire by replacing the need for outdoor sentries, moving them to a safer place.

Technical Specifications:

- Motion detection, surveillance of predefined symmetric and asymmetric patterns,
- Target tracking,
- Remote operations (wired/wireless),
- Electro-optic and thermal camera,
- Background learning,
- Remote Firing and fire safety system,
- Expandable power pack,
- Build-in Test,
- Ability to use the weapons from inventory,
- Easy rifle installation
- Shock absorption system,
- User-friendly operator's interface,
- Dual weaponry system,
- Variety of weapons (12.7mm / 40mm),
- Working temperature; -20°C / +55°C
- Sand- dust- humidity- and rain-proof,
- Motion ability +55° / -20° tilt, 360° pan angles,
- 250 bullets of 7.62mm (optionally: 500 bullets),
- Ammo counter,
- Laser range finder,
- Meteorological measurement unit,
- Software supported reticule correction.

WEAPON SYSTEMS & AMMUNITIONS



CIRIT SAL Guided Rocket

Roketsan's CIRIT Programme covers the design and development of a 2.75" semi-active laser guided rocket, and includes the integration of the missile onto the available TLF attack helicopters (including T129) and development of a smart launcher (MIL-STD-1760 interface). CIRIT is a highly accurate and cost-effective solution against soft-targets that is intended for use as a helicopter-launched air-to-ground weapon system, with a strapdown semi-active laser seeker, IM motor with reduced smoke propellant, IM tri-mode warhead and electro-mechanical control actuation system.



UMTAS/OMTAS AT Missiles

Roketsan is the Main Contractor in the Long Range Anti-Tank System (UMTAS) and Medium Range Anti-Tank System (OMTAS) programmes, both of which will be designed and developed locally for the Turkish Army.

The missiles will have a considerable amount of commonality, including seeker systems and tandem warheads; and both UMTAS and OMTAS will be equipped with an Aselsan-built IIR seeker. UMTAS is to be installed on the T-129 attack helicopter.



T-107 107mm Multiple Launch Rocket System and TR-107 Rocket Family

T-107 Multiple Launch Rocket System is a lightweight and towed weapon system used by artillery and infantry support missions during day and night and in all weather conditions.

TR-107 Rocket

Maximum Range: 11km+
Minimum Range: 3km.



T-122 122 mm Multiple Launch Rocket System and TR-122 Rocket Family

The most advanced system of its class
The longest range 122mm rocket in the world

High hit ability

TR-122 Rocket

Maximum Range: 40km+
Minimum Range: 21km without drag ring
10km with drag ring

Export Countries: UAE.





 **roketsan**



Kasirga 302mm Multiple Launch Rocket System and Artillery Rocket

Maximum Range: 100km

Minimum Range: 40km

4 Launcher Tubes

Each Kasirga Battalion composed of following vehicles:

1 Command Vehicle,

9 Launching Vehicles,

9 Supply & Reloading Vehicles.



TOROS 230 Medium Range Artillery Rocket

TOROS 230 comprises five sub-systems: Launcher Vehicle, Logistics Vehicle, Maintenance Vehicle, all based on a 6x6 truck chassis, Fire Command-Control Vehicle, based on a 4x4 vehicle and TOROS 230 ordnance.



TOROS 260 Long Range Artillery Rocket

TOROS 260 consists of five sub-systems: Launcher Vehicle, Logistics Vehicle, Maintenance Vehicle, all based on a 6x6 truck chassis, Fire Command-Control Vehicle, based on a 4x4 vehicle, and TOROS 260 ordnance.



81mm Prefragmented Mortar Ammunition

81mm Prefragmented Mortar Ammunition (PMA) is an indigenously developed high cost effectiveness solution for infantry fire support.

Basic specifications of 81mm PMA:

- More than 2,850 steel balls.
- 33m lethal radius (1 lethal frag/m² on 1.5mm mild steel).
- 2.9-4.4 times lethal area compared to the existing 81mm ammunition.
- High cost effectiveness.
- Same flight characteristics with the existing 81mm MOD 214 ammunition eliminating the need for an extra firing table.

WEAPON SYSTEMS & AMMUNITIONS



CANIK55

S-FC 100

Launched in 2008, the Canik 55 S-FC 100 model, incorporating a double-action mechanism and an alloy frame, brings extra handling comfort to the user thanks to its 100mm barrel and 15-round capacity. In addition to the specially-designed V-shape compensator, the adjustable rear sight, the accessory rail and the two-hand use capability, this version offers as standard the Canik 55's patented loaded chamber indicator feature to the user.

NATO Stock No: T6472



GİRSAN
YAVUZ 16

Yavuz 16 Family

The whole Yavuz 16 family of weapons are semi-automatic with a double-action, short-recoil operation system. The barrels are produced using cold forging technology, giving the pistols a longer barrel life of 30,000 shots; while the body of the weapon is produced using light alloy steel. The Yavuz 16 family functions perfectly between $-40^{\circ}\text{C}/+60^{\circ}\text{C}$. The safety system comprises a safety tumbler, firing pin safety and a half-cock position, as well as a special safety system – a chamber loaded indicator, making it possible to check visually whether there is a round in the barrel without having to retract the slide.

NATO Stock No: MC 8-500-Compact M.C. Tabanca
1005-27-032-8786.



MC 23.45



ZİRVE



BORA LIGHT



TUGRA



SARSILMAZ®



CM9 Black

Caliber: 9x19mm Parabellum
Total Length: 187.5mm
Total Height: 140mm
Barrel Length: 96.75mm
Grip Width: 28mm
Average Weight (with empty mag.): 800gr
Magazine Capacity: 15
Muzzle Velocity: 340m/sec (± 10 m/sec)
Minimum Barrel Firing Life: 25,000 rounds.



KILINÇ 2000 LIGHT Black

Caliber: 9x19mm Parabellum
Total Length: 210mm
Total Height: 140mm
Barrel Length: 118.65mm
Grip Width: 34mm
Average Weight (with empty mag.): 990gr
Magazine Capacity: 15
Muzzle Velocity: 350m/sec. (± 10 m/sec.)
Minimum Barrel Firing Life: 25,000 rounds.



ST10 Black

Caliber: 9x19mm Parabellum
Total Length: 200mm
Total Height: 145mm
Barrel Length: 115mm
Grip Width: 32mm
Average Weight (with empty mag.): 900gr
Magazine Capacity: 15
Muzzle Velocity: 340m/sec (± 10 m/sec)
Minimum Barrel Firing Life: 25,000 rounds.



K2 CUSTOM DELUXE Titan Golden

Caliber: 9x19mm Parabellum
Total Length: 210mm
Total Height: 140mm
Barrel Length: 118mm
Grip Width: 33mm
Average Weight (with empty mag.): 1,000gr
Magazine Capacity: 15
Muzzle Velocity: 360m/sec. (± 10 m/sec)
Minimum Barrel Firing Life: 25,000 rounds.



Zigana M16

Production of the M16 began in 2001. It has a classic frame, and is the weapon of choice for both the army and civilians. It has a long barrel (214mm) and a good effective range (75m/sec).

Calibre: 9x19mm

Length: 214mm

Height: 140mm

Width: 33mm

Line of Sight: 158mm

Magazine Capacity: 15/Optional: 17-20

Trigger Pull: Single Action: 2kg, Double Action: 4.5kg

Weight: 940gr

Export Countries: Bolivia, Colombia, Czech Republic, Germany, Pakistan and Paraguay.
NATO Stock No: 1005270241485.



Zigana T

The Zigana T boasts a high effective range, as well as a 370m/sec muzzle velocity, minimum recall, an effective range of 100m and an original designed frame.

Calibre: 9x19mm

Length: 220mm

Height: 141mm

Width: 35mm

Line of Sight: 158mm

Magazine Capacity: 15/Optional: 17-20

Trigger Pull: Single Action: 2kg, Double Action: 4.5kg

Weight: 980gr

Export Countries: Costa Rica, Guatemala, Indonesia, Pakistan, Paraguay and Syria.
NATO Stock No: 1005270241486.



Zig M 1911

This pistol is made entirely of stainless steel, and due to the sensitivity of its trigger and its quick pulling out specialty it is possible to have consecutive well-directed shootings. It incorporates a grip safety system and also a safety catch.

Calibre: 0.45 ACP

Length: 215.5mm

Height: 137.9mm

Width: 34mm

Line of Sight: 164mm

Magazine Capacity: 7/Optional: 8-10

Trigger Pull: Single Action: 3kg

Barrel Length: 127.5mm

Weight: 1,120gr.

Export Countries: Italy and the US.

