



*Sustaining Global
Defence Productions*

**“Sustaining
Defence Production,
and
enhancing transfer
of technology.”**



CALIBER (TWIST RATE)	308 Win. (1:11") (7,62x51 NATO) .243 Win. (1:10") 6.5 Creedmoor (1:8")	
OPERATION	Bolt Action	
CHASSIS	Hard Anodized Aluminum	
BARREL	47cm (18.5"), 51cm (20"), 56cm (22"), 61cm (24") Options Available - Button Rifled.	
OVERALL LENGTH	118 cm (46.5") with 61cm (24") and muzzle brake	
RECEIVER	Monoblock Steel with Integrated Locking Lug	
TRIGGER	Two Stage, Adjustable Weight 1.75 lbs to 3.5 lbs (0.8kg - 1.6kg)	
SAFETY	Three Position Safety	
MAGAZINE	5 Round Detachable, Double Row, Steel	
GRIP	Synthetic AR15 compatible grip	
SLING POINTS	Slots for Quick Detach Sling Swivels	
ACCESSORY INTERFACE	M-LOK Slots, Picatinny Rail for Monopod Attachment	
ACCESSORIES AVAILABLE	Muzzle Brake M14x1, 5/8-24 UNEF, 1/2-20 UNF, M15x1, M14x1 LH, M14x1.5, M18x1 Thread Protector 0, 20, 30, 40 MOA Picatinny Rails, Additional Buttpad Spacer, NV Hood Rail, [Bag Rider (only available in ALR FS)]	
ACCURACY	5-Shot SUB-MOA guaranteed at 100 meters with "Premium factory ammunition".	
	ALR	ALR FS
WEIGHT	4.8 kg (10.55 lbs) with Empty Magazine, no Muzzle Brake	4.6 kg (10.2 lbs) with Empty Magazine, no Muzzle Brake
STOCK	Hard Anodized Aluminum Fixed Stock; Adjustable Length of Pull (Push Button), Adjustable Buttpad Elevation, Adjustable Cheek Piece	Hard Anodized Aluminum Folding Stock; Adjustable Length of Pull (Nut Adjustment), Adjustable Buttpad Elevation, Adjustable Cheek Piece (Spring Loaded), Folding Stock (Ambifolding) Foldable both sides right or left.

COLOR OPTIONS





ALR

.243 WIN 6.5 CREEDMOOR .308 WIN

NV Hood Rail.

Button Rifled barrels are precisely chambered and matched perfectly with its receiver.

ambifold™
Ambifold technology offers an ambidextrous feeding option to either left or right by simply pivoting the stock towards you.

Integrated bubble level Folding stock

Special muzzle brake to reduce the recoil and provide the perfect balance.

M-LOK slots for universal accessory mounting.

5-Round steel magazine with easy detach buttons.

Monoblock machined aluminum chassis is providing extreme solid performance and maximizing the accuracy.

Ergonomic grip and AR-compatible slot.

Integrated bubble level.

Quick adjustable cheek piece.

Quick adjustable length of pull.

Quick adjustable length of pull.

Ergonomic and adjustable buttpad.

M-LOK slot for Bag Rider or Picatinny Rail.

Skeletonized aircraft grade aluminum stock.

5-SHOT SUB-MOA

Fully Adjustable Stock AR15 Compatible Grip & Adjustable Trigger 5-Round Steel Magazine Chassis with MAGPUL M-LOK SLOTS Picatinny Rails for Accessories Muzzle Brake



YOUR RELIABLE BUDDY

COLOR OPTIONS



Black



Flat Dark Earth



Desert Sand



Tungsten Grey



OD Green



.243 WIN | 6.5 CREEDMOOR | .308 WIN

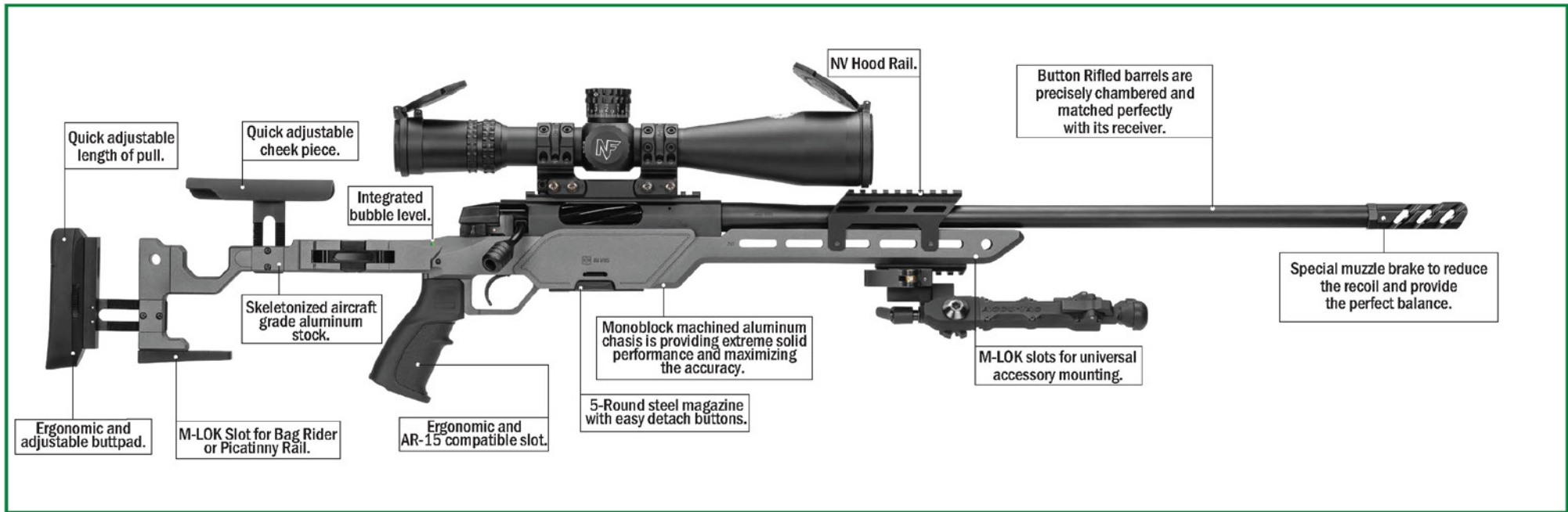


SNIPER RIFLE

CALIBER (TWIST RATE)	308 Win. (1:11") (7,62x51 NATO) .243 Win. (1:10") 6.5 Creedmoor (1:8")
OPERATION	Bolt Action
CHASSIS	Hard Anodized Aluminum
BARREL	47cm (18.5"), 51cm (20"), 56cm (22"), 61cm (24") Options Available - Button Rifled.
OVERALL LENGTH	43.3" (110cm) with 24" (61cm) Barrel Folded Length 95.5 cm (37.6")
RECEIVER	Monoblock Steel with Integrated Locking Lug
TRIGGER	Two Stage, Adjustable Weight 1.75 lbs to 3.5 lbs (0.8kg - 1.6kg)
SAFETY	Three Position Safety
WEIGHT	4.8 kg (10.55 lbs) - [ALR FS 4.25kg (9.7lbs) (Folding Stock model)] with Empty Magazine, no Muzzle Brake
MAGAZINE	5 Round Detachable, Double Row, Steel
GRIP	Synthetic AR15 compatible grip
STOCK	Hard Anodized Aluminum Fixed Stock; Adjustable Length of Trigger Pull, Cheek Piece Height, Buttpad Height and Angle. (Folding Stock Optionally Available)
SLING POINTS	Slots for Quick Detach Sling Swivels
ACCESSORY INTERFACE	M-LOK Slots, Picatinny Rail for Monopod Attachment
ACCESSORIES AVAILABLE	Muzzle Brake M14x1 or 5/8-24, 0,20,30,40,MOA Picatinny Rails, Additional Buttpad Spacer, NV Hood Rail, Bag Rider
ACCURACY	5-Shot SUB-MOA guaranteed at 100 meters with "Premium factory ammunition".



SNIPER RIFLE



Fully Adjustable Stock



AR15 Compatible Grip & Adjustable Trigger



5-Round Steel Magazine



Chassis with MAGPUL M-LOK SLOTS



Picatinny Rails for Accessories



Muzzle Brake



AMBIFOLD PICATINNY STOCK



Integrated bubble level



Folding stock





NEVER SURRENDER!

TECHNICAL SPECIFICATIONS ASR

MAGAZINE CAPACITY	10 rounds	
STOCK LENGTH ADJUSTMENT	60 mm (2.4")	
CHEEK PIECE HEIGHT ADJUSTMENT	13 mm (0.5")	
RECOIL PAD HEIGHT ADJUSTMENT	± 24 mm (± 0.9")	
TRIGGER WEIGHT	600 - 1500 g (1.3 - 3.3 lbs)	
SAFETY SYSTEM	3 - position safety: F -fire, S-safe, (trigger locked), L-lock (bolt locked for transport)	
OPTICAL INTERFACE	MIL-STD-1913 Picatinny Rail with 20 MOA forward inclination	
ACCESSORY INTERFACE	HANDGUARD The octagonal handguard is equipped with M-LOK interface, full length MIL-STD-1913 Picatinny rail	SLING FIXATION QD sling swivels located on the foreend, buttstock and receiver
ACCURACY	SUB-MOA guaranteed at 100m with "Premium factory ammunition" in .300 Win Mag. and .338 Lapua Mag.	1/2 MOA guaranteed at 100m with "Premium factory ammunition" in 6.5 Creedmoor and .308 Win.



MULTI CALIBER SNIPER RIFLE



CALIBER	STOCK	BARREL	TWIST	RIFLING	LENGTH	WEIGHT
.308 Win (7,62x51 NATO)	Folding	609 mm (24")	1:11"	4-groove	933mm (36,7") 1181mm (46,5")	6240g (13.75lbs)
.300 Win Mag.		686 mm (27")	1:10"	6-groove	1009mm (39,7") 1257mm (49,5")	6450g (14.2lbs)
.338 Lapua Mag. (8,59x70)		686 mm (27")	1:10"	6-groove	1009mm (39,7") 1257mm (49,5")	6440g (14.2lbs)
6.5 Creedmoor		609 mm (24")	1:8"	6-groove	933mm (36,7") 1181mm (46,5")	6300g (13.9lbs)



COLOR OPTIONS



Black



H-265 Flat Dark Earth



H-199 Desert Sand



Tungsten Grey



OD Green



Quick Change
Barrel or caliber change can be performed by the operator in field conditions less than a minute, by a torx wrench stored inside the forend grip.



3 Locking Lugs Bolt Design
Three locking lugs design 60° bolt lift, quick detachable bolt heads.



Trigger Mechanism
Two stage design with adjustable weight of pull for every stage and trigger position.



Integrated Monopod
Integrated monopod features two types of adjustments; precise or quick.

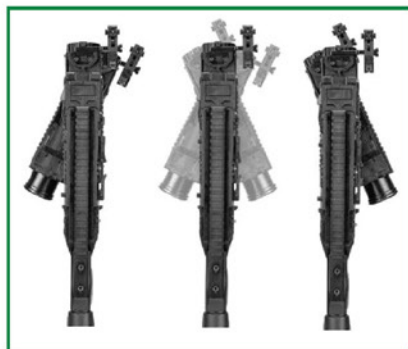


BA40 GRENADE LAUNCHER

BA40 MOUNTED ON APT 556 RIFLE



AMBIDEXTROUS LOADING



BA 40 Grenade Launcher

BA 37/38 Anti Riot Gun

CALIBER	40x45mm LV	37/38 mm Anti Riot Gun
TYPE	Single Shot, Mounting on Rifle or Standalone Using Option	Single Shot, Mounting on Rifle or Standalone Using Option
LENGTH	325mm (Without Stock) / 530mm (With Stock)	325mm (Without Stock) / 530mm (With Stock)
HEIGHT	96mm (Without Stock) / 168mm (With Stock)	96mm (Without Stock) / 168mm (With Stock)
WIDTH	65mm (Without Stock, With Stock)	65mm (Without Stock, With Stock)
WEIGHT	1460g (Without Stock) / 2540g (With Stock)	1460g (Without Stock) / 2540g (With Stock)
BARREL	6 - groove, 1:4.7" Twist	Smoothbore
LOADING	Right and Left	Right and Left
BARREL LENGTH	240mm - 220mm	240mm
TRIGGER	Double Action	Double Action
SAFETY	Manual Safety Button, Manual Barrel Lock	Manual Safety Button, Manual Barrel Lock
GRIP	Ergonomic AR15 Grip	Ergonomic AR15 Grip
COLOR OPTIONS	Black & Flat Dark Earth	Black & Flat Dark Earth



SHOTGUN LAW ENFORCEMENT



12 GAUGE

Technical Specifications ATASHOTGUN

OPERATING SYSTEM	PUMP ACTION
GAUGE	12GA
CHAMBER	76 mm (3")
BARREL LENGTH	47 cm (18.5")
CHOKE	EXTENDED CYLINDER
MAGAZINE CAPACITY	5
STOCK	SYNTHETIC - FOLDING
WEIGHT	2.7 kg - 6 lbs

Technical Specifications ATASHOTGUN

OPERATING SYSTEM	GAS OPERATED - SEMI or FULL AUTO
GAUGE	12GA
CHAMBER	76 mm (3")
BARREL LENGTH	41 cm (16")
CHOKE	EXTENDED CYLINDER
MAGAZINE CAPACITY	5
STOCK	SYNTHETIC - FOLDING - ADJUSTABLE
WEIGHT	3.1 kg - 6.8 lbs



12 GAUGE



ATA 1955 MAGAZINE FED SHOTGUN



ATA 1955 BLACK



12 GAUGE

Technical Specifications ATA 1955

GAUGE	12GA
CHAMBER	76 mm (3")
BARREL LENGTH	47 cm (18.5")
CHOKE	EXTENDED CYLINDER
MAGAZINE CAPACITY	5 and 10 rounds
STOCK	TELESCOPIC & ADJUSTABLE
WEIGHT	3.5 kg (7.8 lbs)



ATA 1955 FLAT DARK EARTH



ATA 1955 TUNGSTEN



ATA 1955 OD GREEN





APT 556 ASSAULT RIFLE



ATA 1955 BLACK



ATA 1955 FDE



**CALIBER
5.56 NATO**

Technical Specifications APT556

APT556 (14.5")

APT556 (10.5")

	APT556 (14.5")	APT556 (10.5")
CALIBER	5.56x45mm NATO	5.56x45mm NATO
TYPE	Gas Operated	Gas Operated
BARREL LENGTH	370mm (14.5")	270mm (10.5")
BARREL	6 Grooved-Land	6 Grooved-Land
OVERALL LENGTH	795mm - 895mm (31.3" - 35.3")	695mm - 795mm (27.4" - 31.3")
WIDTH	65,6mm (2.58")	65,6mm (2.58")
HEIGHT	185mm (7.28")	185mm (7.28")
WEIGHT	3480g (7.7 lbs)	3350g (7.4 lbs)
MAGAZINE CAPACITY	30 Rounds (AR15 Compatible)	30 Rounds (AR15 Compatible)
SHOOTING TYPE	Semi-Auto / Full-Auto	Semi-Auto / Full-Auto
TRIGGER PULL WEIGHT	2.5kg - 4kg (5.5 lbs - 8.8 lbs)	2.5kg - 4kg (5.5 lbs - 8.8 lbs)





ETRO PUMP ACTION SHOTGUN



ET 12



12 GAUGE



ET 11



ET 08



ET 10



ET 07



ET 09

Technical Specifications ETRO

MODEL	GAUGE	BARREL LENGTH	CHOKE	MAGAZINE CAPACITY	STOCK	WEIGHT
ET 12	12	From 37cm (14/1/2") to 51cm (20")	Extended (Cylinder)	5	Telescopic	2.8 kg
ET 11	12	From 37cm (14/1/2") to 51cm (20")	Extended (Cylinder)	5	Adjustable	2.8 kg
ET 10	12	From 37cm (14/1/2") to 51cm (20")	Extended (Cylinder)	5	Tactical	3.0 kg
ET 08	12	From 37cm (14/1/2") to 51cm (20")	Extended (Cylinder)	5	Pistol Grip	2.5 kg
ET 07	12	From 37cm (14/1/2") to 51cm (20")	Extended (Cylinder)	5	Folding	2.8 kg
ET 09	12	From 37cm (14/1/2") to 51cm (20")	Extended (Cylinder)	5	Synthetic	2.8 kg

PISTOL

Technical Specifications ATA 9

CALIBER	9X19mm
TYPE	Semi-Auto Pistol
LENGTH	197,5mm
HEIGHT	143mm
WIDTH	30mm (Grip)
WEIGHT	805gr (with empty magazine)
MAGAZINE	15
SLIDE	AISI/SAE 4340 Steel
RECEIVER	Polymer
LOCK	Rotating barrel locked system
SAFETY	Manual Safety, Hammer Block Safety Firing Pin Block Safety
BARREL	Rotating Barrel, Button Rifled, 6 Groove-Land, 1:9,8" Twist Rate Barrel Length: 102mm (4")
TRIGGER	Double Action/Single Action Trigger System, Single Action Trigger Weight: 1500gr - 3500gr Double Action Trigger Weight: 4000gr - 6000gr
SIGHT	3-dot Sight, Sight Radius 144mm
GRIP	Modular grip with 3 blackstrap size (S-M-L)



**FLAT DARK EARTH
BLACK**



ATA9™



TACTICAL SERIES



CY TACTICAL BLACK



12 GAUGE



CY TACTICAL BRONZE



CY TACTICAL OD GREEN



CY TACTICAL TUNGSTEN



MED TACTICAL

Technical Specifications TACTICAL SERIES

MODEL	OPERATING SYSTEM	GAUGE	CHAMBER	BARREL LENGTH	CHOKE	MAGAZINE CAPACITY	STOCK	WEIGHT
CY TACTICAL BLACK	Gaz-Semi-Auto	12	3" 76mm	47cm - (18 1/2")	Extended (Cylinder)	7	Tactical	3.1 kg (6,83 lbs)
CY TACTICAL BRONZE	Gaz-Semi-Auto	12	3" 76mm	47cm - (18 1/2")	Extended (Cylinder)	7	Tactical	3.1 kg (6,83 lbs)
CY TACTICAL TUNGSTEN	Gaz-Semi-Auto	12	3" 76mm	47cm - (18 1/2")	Extended (Cylinder)	7	Tactical	3.1 kg (6,83 lbs)
CY TACTICAL OD GREEN	Gaz-Semi-Auto	12	3" 76mm	47cm - (18 1/2")	Extended (Cylinder)	7	Tactical	3.1 kg (6,83 lbs)
NEO TACTICAL	Inertia-Semi-Auto	12	3" 76mm	47cm - (18 1/2")	Extended (Cylinder)	4	Tactical	3.0 kg (6,6 lbs)

SHOOT LIKE A GENTLEMAN

TURQUA™



After the first Side by Side, Over and Under and Semi-automatic Shotgun of Turkey, ATA Arms now proudly present the First Bolt Action Rifle of Turkey: TURQUA.

The 100% Turkish-made TURQUA is another engineering innovation from Turkey's leading firearms manufacturer.

Turqua is distinguished from the other bolt action rifles with its 3-stage safety and 2-stage adjustable trigger.

Turqua's 60-degree bolt lift is shorter (compared to typical 90-degree bolt row) that allows faster loading on follow-up shots. The free-floating feature maintains barrel to stock spacing for consistent accuracy.

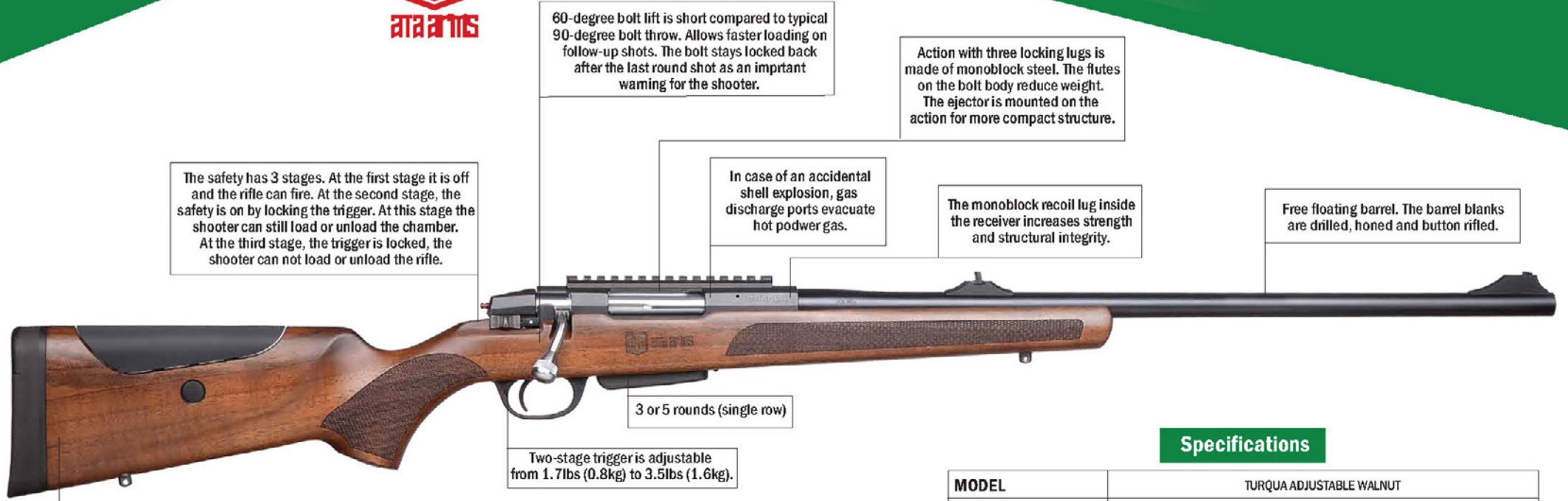
1 MOA at 3 shots is guaranteed with this button-rifled barrel. The ergonomic stock made of selected Turkish Walnut is designed for an accurate and comfortable shooting.

All these features make TURQUA one of the best value on the global market.





TURQUA™



The safety has 3 stages. At the first stage it is off and the rifle can fire. At the second stage, the safety is on by locking the trigger. At this stage the shooter can still load or unload the chamber. At the third stage, the trigger is locked, the shooter can not load or unload the rifle.

60-degree bolt lift is short compared to typical 90-degree bolt throw. Allows faster loading on follow-up shots. The bolt stays locked back after the last round shot as an important warning for the shooter.

Action with three locking lugs is made of monoblock steel. The flutes on the bolt body reduce weight. The ejector is mounted on the action for more compact structure.

In case of an accidental shell explosion, gas discharge ports evacuate hot powder gas.

The monoblock recoil lug inside the receiver increases strength and structural integrity.

Free floating barrel. The barrel blanks are drilled, honed and button rifled.

3 or 5 rounds (single row)

Two-stage trigger is adjustable from 1.7lbs (0.8kg) to 3.5lbs (1.6kg).

The ergonomic stock made of selected Turkish Walnut is designed for accurate and comfortable shooting.



OPTIONAL FEATURES

WOOD	ADJUSTABLE COMB	MONTE CARLO STOCK	LAMINATED	THUMBHOLE
OPTIONS	3 ROUND MAGAZINE	5 ROUND MAGAZINE	MUZZLE THREAD	SIGHTS
SYNTHETIC	BLACK	GREEN	RED	SNOW

Specifications

MODEL	TURQUA ADJUSTABLE WALNUT
CALIBER	.308 Win (1:11") .243 Win (1:10") 6.5 Creedmoor (1:8")
BARREL LENGTH	47cm (18.5"), 51cm (20"), 56cm (22"), 61cm (24") (Available with or without Threaded Barrel)
MAGAZINE CAPACITY	3-round and 5-round, Detachable box-type
STOCK	Selected Turkish Walnut, Oil Finished
WEIGHT	3.5kg (7.7 lbs) *Actual weight may vary depending on wood density and caliber.
RECEIVER	Monoblock steel with integrated recoil lug
ACCURACY	SUB-MOA guaranteed, 3-shot group of .99" or less at 100 yards
BARREL FINISH	Free-floating, Button rifled, Chrome-moly steel, 11-degree crown, matte blued finish
BOLT	The one-piece (monoblock) steel, three-lug locking with 60-degree throw
PICATINNY RAIL	Steel, 22mm, 0 MOA, MIL-STD 1913 Picatinny Rail
SAFETY	Three-Position Safety (Locked, Load/Unload, Fire)
SIGHT	Open sights optionally available
TRIGGER	Two-stage, Adjustable pull weight 0.8kg to 1.6kg (1.76lbs to 3.52lbs)

MR56 ULTRA LIGHT MACHINE GUN

SEMI AND FULL AUTOMATIC
CLOSE BOLT DUAL FEED
5,56 x 45mm NATO

Caliber/Cartridge	5,56 x 45mm NATO
Barrel	Quick Change Barrel System / 14.5" / 16" Length / Forged
Twlst Rate	1/7
Action	Short Stroke, Gas Piston Operation, Close Bolt System
Muzzle Velocity	850 m/s
Trigger Pull	20 - 40 Newton
Feed System	Magazine / Belt / Ammo Drum-Box
Magazine Type	Polymer
Magazine Capacity	30
Grip Type	Polymer
Ammunition Belt Type	M27
Rate of Fire	700 - 1100 min
Firing Mode	Full Automatic / Semi-Automatic
Buttstock	Telescopic Adjustable 6 Axis
Trigger Type	MIL-SPEC
Handguard Type	MIL-STD 1913 Picatinny Rail
Length	755 mm
Width	77.6 mm
Height	243 mm
Effective Firing Range	550 m
Weight	4250 g
Dispersion	3 MOA
Buffer Type	MIL-SPEC H3 Buffer
Frame	Forged AL7075 - T6
Safe Type	3 Position Pictogram Safety Latch



TESTED AND APPROVED BY:
**SYSTEM DEFENCE INDUSTRY
AND TRADE INC.
TURKEY**

TESTING

MFR56 ULTRA LIGHT MACHINE GUN

(5,56x45mm)

Low Temperature

This test was carried out with 3 guns at -51 ° temperature in accordance with the conditions specified in NATO MIL-STD 810 / TOP 3-2-045 Small Arms Test Operations Procedures. The 200 round is conditioned for at least 12 hours with the gun. Then 200 round shot in single, pulsed and serial mode.

Result: PASSED

Explanation: Intermediate conditioning and shots specified in the procedure were performed. As a result of the shooting, there was no functional error in the gun. In the control of the piece after the shot, broken / cracked. No errors were observed.

High Temperature

This test was carried out with 3 guns at +71° temperature in accordance with the conditions specified in NATO MIL-STD 810 / TOP 3-2-045. With the gun, the 200 round cartridge is conditioned for at least 12 hours . Then 200 round shot in single, pulsed and serial mode.

Result: PASSED

Explanation: Intermediate conditioning and shots specified in the procedure were performed. As a result of the shooting, there was no functional error in the gun. In the control of the piece after the shot, broken / cracked. No errors were observed.

Rough Handling

To assess the probability of accidental firing of 3 guns, the guns were filled with hollow bullets. The safety latch was placed in the “Security” position and left on the concrete floor at the angles specified in the procedure from a height of 1.5 m.

Result: PASSED

Explanation: This test was performed in accordance with NATO MIL-STD 810 / TOP 3-2-045 Test Procedure.

Belt Pull Capacity

A pulling test of strip load was carried out in the free fall position by attaching a 1.5 kg weight attached to the tip of the 25 - round cartridge.

Result: PASSED

Explanation: Rounds fired at least in 4 series without any problems.

High Pressure and Strength

The 1st and 2nd cartridges were made as high-pressure test cartridges with 100 round pulsed with 10 rifles. After shooting, the rifles were disassembled and the parts exposed to pressure were checked for cracks / fractures.

Result: PASSED

Explanation: Visual inspection and dye penetrant control were performed on all 10 rifles, and no fractures / cracks were observed.

Parts Interchange

With five weapons:

- Barrel Assembly
- Feed Tray and feed cover assembly
- Receiver
- Bolt Carrier Group
- Lower Receiver Assembly

Result: PASSED

Explanation: There was no shooting problem in 5 guns as a result of the interchanged.

These parts of the weapons were disassembled and interchanged to create new five weapons and 50 rounds were fired.



COOKOFF

200 rounds are fired in a way to wait 60 seconds in the last cartridge. Spontaneous ignition is observed. If 500 rounds can be fired before the firing point is formed, or if the gun can no longer be fired normally due to heat, the test is terminated without determining the firing point. The cookoff point is verified by firing three trials where cooking does not occur.

Result: Cooking occurs on average at the 350 round.

Accuracy and Dispersion

Zeroing shots were made, and 3 guns, whose sights were in the lower limit distance division, were fired with a fully automatic 5 rounds at targets 50 meters ahead. The shot must be within a circle with a diameter of at most 10cm.

Result: PASSED

Explanation: All three guns were measured within 3 MOA.

Fire Rate

Average firing rates were measured by firing 10 rifles in serial mode with 10 rounds.

Result: PASSED

Explanation: The pulse rate per minute should be in the range of 700-1100. The average firing rates of 10 guns were measured as 700-1100.

Trigger Pull

Trigger pull forces of 10 guns were measured as 2.2 - 3kg.

Result: PASSED

Explanation: The trigger pull of the rifle (with the cocked position) must be at least 2 kg and at most 4 kg.

Reliability and Durability

15,000 rounds were fired, of which 13,800 with a belt and 1200 with a magazine.

Result: As a result of the shooting, there was no functional error in the gun. In the control of the piece after the shot, broken / cracked etc. No errors were observed.

Explanation: After the 8000 shot, ASTM E 1417 dye penetrant test was performed. No fractures, cracks or functional defects were observed in the parts. Mechanism parts that passed the test were changed only once.

Solar Radiation

This test was conducted on a weapon in accordance with NATO MIL-STD 810, Method 505.4, Procedure 1.

Result: PASSED

Explanation: A three-day cycle with an air temperature of 49° was performed and there was no problem in its functional firing.

Flash

This test was conducted by comparing two weapons prepared as specified in NATO MIL-STD 810 procedure. 3 rounds of 20 shots were fired.

Result: There is no increase in the flash of the test gun compared to the standard gun in video recorded shots.

Chemical Contamination

This test was conducted in accordance with TOP 3-2-60913 Chemical Compatibility of Non-Metallic Materials Used in Small Weapons Systems. Samples were tested according to the table specified in TOP 3-2-609.

Result: PASSED

Explanation: There were no conspicuous loss of polish, decay, discoloration, swelling, bubbling, cracking, dissolution in the sample pieces.



Smoke

This test was conducted by comparing two weapons prepared as specified in NATO MIL-STD 810 procedure. At a range of 100 meters, a 0.3 meter black and white checkboard placed in line with the gun was used and 3 rounds of 20 shots were fired.

Result: PASSED

Explanation: In the photos and videos taken, there was no increase in the smoke of the test gun compared to the standard gun.

Noise

In this test, according to TOP 1-2-60814, the gun is mounted 1.6 m above the ground. Four microphones were placed at the locations specified in the procedure, five single shots were fired, and sound pressure levels were recorded at each microphone over time.

Result: PASSED

Result: Additional information for equipment specifications and calibration is detailed in the MIL-STD-1474D15 procedure.

Attitudes Test

It has been tested with three test guns with 200 rounds in the sight angles and directions specified in the table in accordance with NATO MIL-STD 810 procedure.

Result: PASSED

Explanation: The weapon successfully passed the firing test in various aspects in accordance with the procedure, and no functional problems were experienced.



Blocked Barrel

It was made in accordance with the “Bullet Obstruction” clause in NATO MIL-STD 810 procedure. It was clogged in the gun chamber in front of the cartridge chamber by using the same type of bullet. It was shot with single round and a single cartridge.

Result: PASSED

Explanation: As a result of the shooting, there was no functional error in the gun. In the control of the piece after the shot, broken / cracked etc. No errors were observed.

Barrel Performance

This test, in which changes in barrel design were evaluated, was also used to improve barrel wear data. The barrel that came out of the Reliability and Durability test was inspected as specified in NATO MIL-Std 810 procedure.

Result: PASSED

Explanation: The bore of the barrel was examined with the help of a borescope and it was observed that the deterioration started towards the end of the barrel’s life, but the wear was minimal. The test was passed because the group of bullets fired at the target deviated less than 20 percent.

Toxic Fumes

As specified in the NATO MIL-STD 810 test procedure, 2 weapons were prepared. The test was conducted in the same room as the comparison type. The standard gun and test gun were fired 3 times.

Result: PASSED

Explanation: Similar gunpowder concentration level was measured in the test gun compared to the standard gun according to the procedure.



Recoil Energy and Kinematics

Recoil was measured in terms of momentum and kinematic energy using five-string and three-string suspended pendulums in accordance with NATO Top 3-2-82618 Procedure for Kinematic Tests of Small Arms.

Result: PASSED

Explanation: Three trials were made with each weapon configuration and recoil values were calculated according to TOP 3-2-826.

Ammunition Compatibility

As specified in the NATO MIL-STD 810 procedure, 2000 rounds were fired with each weapon using three test guns with different ammunition types with Reliability and Endurance test procedure firing intervals.

Result: PASSED

Explanation: Each weapon has been thoroughly studied and has shown no unusual wear, deposits, or maintenance requirements.

Accessory Compatibility

Tested with various accessories (staprs, bayonets, handles, fork legs) as specified in NATO MIL-STD 810 procedure.

Result: PASSED

Explanation: There were no assembly or compatibility problems.





MDC AR-15 RIFLE

Technical Specifications



Caliber	5,56 x 45mm NATO
Action	Gas operated full-auto
Barrel Length	0.5 inch - 14.5 inch - 16 inch
Barrel Twist	0.5 inch - 14.5 inch - 16 inch
Maximum effective range	550 meters
Safety	Standard safety
Origin	Türkiye



MDC AR-15 RIFLE

AR 15 rifles are a popular option for home defense and sport shooting. We carry a variety of the best AR15's and carbines.

A light weight, gas-operated semi-automatic and full-automatic rifle



Barrel length	6" (155mm)
Barrel Twist	1:10
Caliber	9x19 mm NATO
Overall Length	522 mm without muzzle break 545 mm with muzzle break
Weight (w/o optics)	2,4 kg
Height without magazine	198 mm
Width	55mm
Operation	Blowback, Closed Bolt
Foward Assist	No
Trigger Pull Weight	3 Kg
Fire Selector	Safe, Semi-Automatic Full-Automatic
Standart Magazine Capacity	17 Rounds - 33 Rounds
Magazine Weight	17 Rounds 76 gr./33 Rounds 127 gr.
Muzzle Velocity (approx.)	420 m/s
Rate of Fire	Approximately 800-900 RPM
Barrel Life	15 000 rounds minimum
Parts Life	12 000 rounds minimum
Other	Stainless stell small parts, improved low mass bolt, long-life springs
Origin	TÜRKİYE

MDC 9MM

SUBMACHINE GUN



MDC MT9

Submachine gun, a lightweight automatic small-arms weapon chambered for pistol cartridges and fired from the hip or shoulder.

A magazine-fed, Semi-Auto and Automatic, designed to fire handgun cartridges.

MPT-76

7.62 mm x 51 NATO

NATIONAL INFANTRY RIFLE



Diameter	7.62 mm x 51 NATO
Working Method	Gas Piston Movable Rotary Head Locking
Initial Speed	800 m/sec
Distribution	4 MOA
Firing Sensitivity	20-30 Newton
Magazine Capacity	20
Weight	4200 g
Length	900/1000 m
Effective Range	600 meters
Barrel Length	406 mm
Shooting Speed	700 beats / mins
Ignition Type	Semi-Automatic / Fully Automatic
Butt	Adjustable, 12 Levels , 100 mm
Number Of Grooves Set	6

MPT-55 / 55K

5.56 mm x 45 NATO

INFANTRY RIFLE



MPT-55

MPT-55K

Calibre	5.56 mm x 45 NATO	5.56 mm x 45 NATO
Working Principle	Short Stroke, Gas Operated Rotary Bolt Action	Short Stroke, Gas Operated Rotary Bolt Action
Muzzle Velocity	850 m/s	800 m/s
Accuracy	4 MOA	4 MOA
Trigger Force	20-30 Newton	20-30 Newton
Magazine Capacity	30	30
Weight	3300 gr	3000 gr
Length	800/884 mm	730/814 mm
Effective Range	400 m	400 m
Barrel Length	368.5 mm	279.4 mm
Rate of Fire	800 ± 100 rds/min	800±100 rds/min
Type of Fire	Semi/Full Automatic	Semi/Full Automatic
Buttstock	Telescopic, 84 mm, 6 stages	Telescopic, 84 mm, 6 stages
Groove	6	6

JMK BORA - 12 7.62 mm x 51 NATO

SNIPER RIFLE



Calibre	7.62 mm x 51 NATO
Working Principle	Bolt Action
Muzzle Velocity	860 m/s (Lapua Hps 170 Grain)
Accuracy	0.3 MOA
Trigger Force	15-25 Nweton
Magazine Capacity	10
Weight	6400 g
Lenght	1220 / 1265 mm
Effective Range	1200 m
Barrel Length	660 mm
Buttstock	Telescobic, 45 mm, 4 stages
Type of Fire	Single
Groove	4

KNT-76

7.62 mm x 51 NATO

SEMI-AUTOMATIC SNIPER RIFLE



Calibre	7.62 mm x 51 NATO
Working Principle	Gas Operated Rotary Bolt Action
Muzzle Velocity	805 m/s (Lapua Hps 170 Grain)
Accuracy	1.5 MOA
Trigger Force	15-25 Newton
Magazine Capacity	20
Weight	5000 g
Length	1030/1110 mm
Effective Range	800 m
Barrel Length	508 mm
Type of Fire	Semi Automatic
Buttstock	Telescopic, 80 mm, 5 stages
Groove	4

MP5 A3

9 mm x 19

SUBMACHINE GUN



Calibre	9 mm x 19 Parabellum
Muzzle Velocity	350 m/s
Magazine Capacity	30
Lenght	525/690 mm
Weight	3025 g
Groove	6
Effective Range	100 m
Barrel Length	225.3 mm
Rate of Fire	800 rds/min
Type of Fire	Semi/Full Automatic
Buttstock	Retractable



REPKON 40 MM AUTOMATIC GRENADE LAUNCHER "RDS40-AGL"



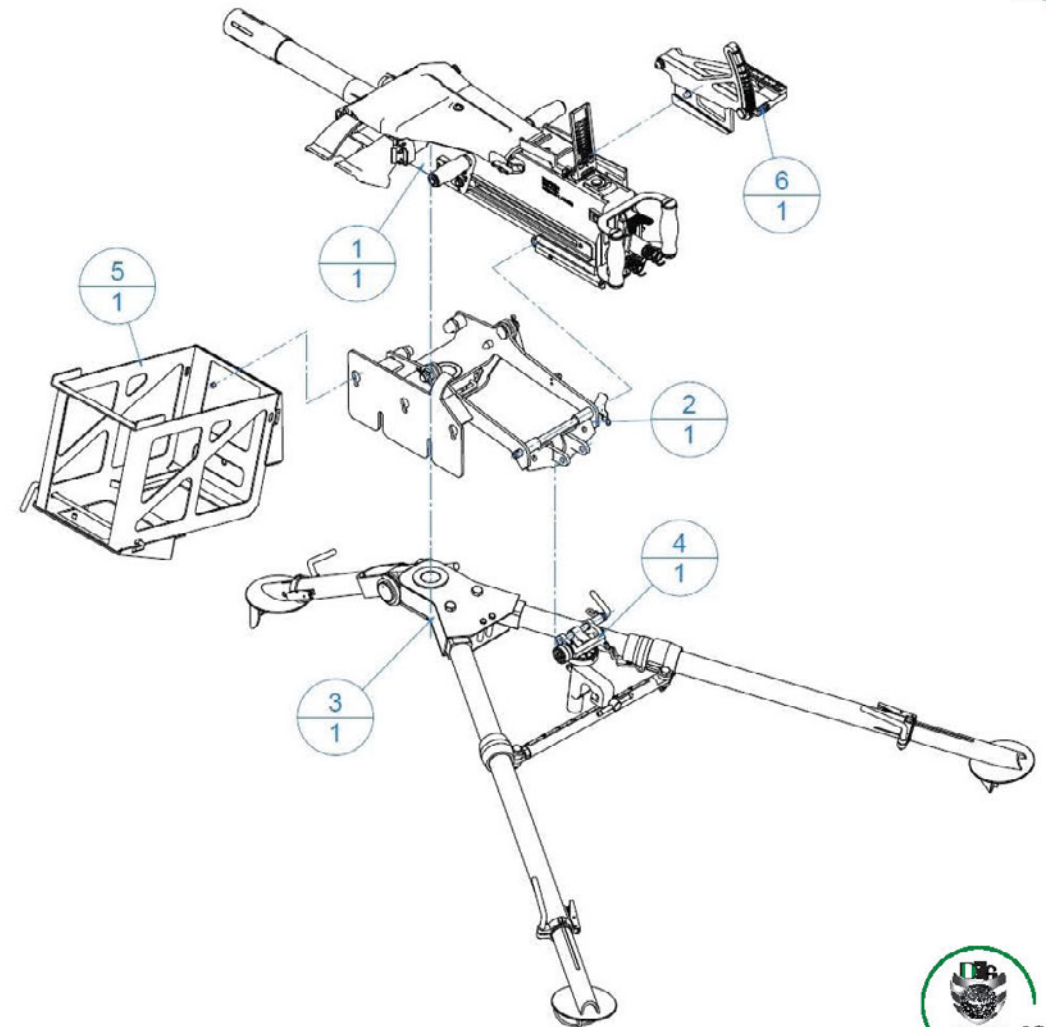
Technical Specifications

Maximum Range	2000 meters+
Maximum Effective Range	1500 meters (Point Target) 2000 meters (Area Target)
Rate of Fire	300 - 375 rounds per minute
Ammunition	HE, HEDP, TP, TPT (all high velocity 40 mm NATO-qualified)
Operational Temperature	Minus 32° to plus 52° Centigrade
Firing Mode	Full Automatic
Weight	35 kg (w/o mount and tripod)
Caliber	40 mm
Muzzle Velocity	240m/secs
Operating Principle	Recoil operated, Blowback
Feeding Direction	Left Side
Length	1085 mm
Width	337 mm
Height	225 mm
Barrel Length	413 mm
Number of groves	24
Accuracy	At 300 Ms Acceptable Deviation Standards are: a- Horizontal: 1 Meter b- Vertical: 1 Meter

Complete Gun Systems Parts

“RDS40-AGL”


Item No.	Item Description	NSN Codes	Weight Kg
1	Machine Gun, RDS-AGL, 40mm Automatic Grenade Launcher	1010 - 27 - 071 - 1346	35
2	Gun Cradle, Mount	1010 - 27 - 025 - 9111	10
3	Tripod, M3	1010 - 27 - 071 - 0177	20
4	Traversing & Elevating Mechanism Assembly	1010 - 27 - 025 - 9113	2
5	Ammo Box Bracket (32/48 rounds)	1010 - 27 - 026 - 0026	7.5
6	Optic Sight Mount	1240 - 27 - 071 - 0748	1.1





*Sustaining Global
Defence Productions*



 info@dicond7g.ng

info@d7g.com

 +234 80 3333 5533

+234 906 552 7916



No. 49 AIG Ali Amodu Crescent, Before Sun Rise Hills Estate, Asokoro, Abuja