

Gilboa™

The new assault rifle made in Israel

The **Gilboa™**, a new series of military-grade firearms made in Israel, is produced using cutting-edge manufacturing techniques with the purpose of improving the well-known and proven system platform.

The **Gilboa™** series is manufactured by Silver Shadow, an authorized Israeli weapon manufacturer. Our R&D laboratory utilizes state-of-the-art equipment and its personnel consists of leading Israeli firearms designers.

With a combined experience spanning many decades, our R&D team specializes in military firearms design and customized solutions for special operations units.

This technological experience is further enhanced by the operational backgrounds of our senior executives and employees, who served in the IDF, Israel Police and various government agencies.

The **Gilboa™** AR is superior to other assault rifles due to its exceptional specifications. The improved chassis significantly enhances the weapon's reliability and durability under the harshest field conditions.

The upper and lower receivers of the **Gilboa™** AR are fully machined from solid aircraft aluminum alloy billet (7075-T6) and then hard anodized to ensure a stronger, more durable firearm with no dimensional inconsistencies.

- The Gilboa™ series is being produced by operators, for operators, so it comes fitted with ambidextrous selector, magazine release and charging handle as standard.
- The flat top platform with standard size Picatinny rails enables mounting of various optics, lasers and other tactical accessories. The Gilboa™ firearms are compatible with US and NATO standard mounts and equipment.
- We are ISO 9001:2008 certified for the development, design and manufacture of firearms. The Gilboa™ series firearms were tested using methods exceeding standard military testing methods. All of the parts are military standard compliant and undergo strict QA inspections.
- The Gilboa™ family offers various models and configurations to best serve our clients. Our current range includes standard gas impingent systems; piston driven systems; sub-size weapons; semi-auto weapons and more.
- The proprietary gas-piston system of the Gilboa™ series was developed especially to enable cleaner and cooler running of the firearm under extreme conditions.
- The firearms in the Gilboa™ series are available in various calibers: 5.56x45mm; .223"; 7.62x39mm; 7.62x51mm; .308" and 9mm Para.



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Gilboa™ 14.5 " Carbine

Caliber	5.56X45mm
Method of operation	Gas impingement or piston driven
Weight without magazine	2.850 Kg
Overall length (stock extended)	840 mm
Overall length (stock folded)	756 mm
Barrel length	368 mm (14.5")
Bore characteristics	Chrome lined 1:7 / 1:9 RH
Firing mode	Full auto or semi-auto available

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Gilboa™ 10.5 " Commando

Caliber	5.56X45mm
Method of operation	Gas impingement or piston driven
Weight without magazine	2.650 Kg
Overall length (stock extended)	713 mm
Overall length (stock folded)	673 mm
Barrel length	265 mm (10.5")
Bore characteristics	Chrome lined 1:7 / 1:9 RH
Firing mode	Full auto or semi-auto available

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7" Piston

The Short Barrel Rifles (SBR) in the **Gilboa™** series had their gas system optimized and balanced in order to lower operating temperatures for improved reliability. The "Shorty" model were developed specifically for military and law enforcement professionals who need compact weapons with the firepower of a full-size carbine. These rifles can be ordered with impingement systems or piston systems. The sub size weapons are fitted with a proprietary gas cooling system.

Gilboa™ 7 " Shorty

Caliber	5.56X45mm
Method of operation	Gas impingement or piston driven
Weight without magazine	2.550 Kg
Overall length (stock extended)	690 mm
Overall length (stock folded)	598 mm
Barrel length	178 mm (7")
Bore characteristics	Chrome lined 1:7 / 1:9 RH
Firing mode	Full auto or semi-auto available

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The Short Barrel Rifles (SBR) in the **Gilboa™** series had their gas system optimized and balanced in order to lower operating temperatures for improved reliability. The Micro model were developed specifically for military and law enforcement professionals who need compact weapons with the firepower of a full-size carbine. These rifles can be ordered with impingement systems or piston systems. The sub size weapons are fitted with a proprietary gas cooling system.

Gilboa™ 5.7 " Micro	
Caliber	5.56X45mm
Method of operation	Gas impingement or piston driven
Weight without magazine	2.380 Kg
Overall length (stock extended)	660 mm
Overall length (stock folded)	560 mm
Barrel length	154 mm (5.7")
Bore characteristics	Chrome lined 1:7 / 1:9 RH
Firing mode	Full auto or semi-auto available

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The **APR™** Assault Pistol Rifle is a revolutionary new firearm designed specifically for CQB and other typical close-range combat situations in which law enforcement and military personnel may become involved. This ultra-compact firearm combines the benefits of both the assault rifle and the pistol. The **APR™** fires all types of 5.56mm ammunition using standard M4/M16 magazines. It may be manufactured to fire semi-auto or selective semi-auto / full auto. The folding stock of the **APR™** enables rifle style shoulder firing. A quick detachment lever allows the user to remove the stock to enable handgun style firing – single or two-handed. The **APR™** incorporates several new patented design innovations, notably in its gas system and recoil spring. The proprietary gas system allows the weapon to run cleaner and cooler for superior reliability and handling.

Gilboa™ APR™ (Assault Pistol Rifle)

Caliber	5.56X45mm
Method of operation	Short stroke piston
Weight without magazine	2.260 Kg
Overall length (stock extended)	628 mm
Overall length (stock folded)	378 mm
Barrel length	165 mm (6.5")
Bore characteristics	Chrome lined 1:7 / 1:9 RH
Firing mode	Full auto or semi-auto available

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Shorty 7 inch barrel



Commando 10.5 inch barrel



Carbine 14.5 inch barrel

The **Gilboa™ M-43** was developed for organizations that presently use firearms chambered for the 7.62x39mm cartridge, so they may benefit from the added value of upgrading to the modern **Gilboa™** system while retaining their standard-issue magazines, stock ammunition, combat vests and web gear.

Gilboa™ M-43			
Caliber	7.62X39mm		
Method of operation	Gas impingement		
Weight without magazine	2.890 Kg	2.840 Kg	2.740 Kg
Overall length (stock extended)	920 mm	820 mm	740 mm
Overall length (stock folded)	820 mm	720 mm	640 mm
Barrel length	368 mm (14.5")	265 mm (10.5")	178 mm (7")
Bore characteristics	Chrome lined 1:7 / 1:9 RH		
Firing mode	Full auto or semi-auto available		



The Gilboa™ DMR is based on the same hard-running platform of the Gilboa assault rifle. The DMR is a heavily modified Gilboa-series automatic rifle, designed specifically for increased accuracy over range, thereby providing military and law enforcement operators with a significant tactical advantage. The DMR is fitted with a heavy match barrel for better harmonics and has a 1:7 twist to allow the use of heavier projectiles.

Gilboa™ DMR (Designated Marksman Rifle)

Caliber	5.56X45mm
Method of operation	Gas impingement
Weight without magazine	3.350 Kg
Overall length (stock extended)	950 mm
Overall length (stock folded)	850 mm
Barrel length	457 mm (18")
Bore characteristics	Chrome lined 1:7 RH
Firing mode	Full auto or semi-auto available



The **Gilboa™ Savannah** .223" rifle is a bolt action rifle for hunters on the move. This extremely lightweight, accurate and durable rifle provides all the power and accuracy of the .223 cartridge while keeping weight to a minimum. The Savannah bolt action rifle is fed by 10, 20 or 30 round magazines and will also accept any standard AR15 type magazine. The 18 inch free floating bull barrel provides the accuracy required to effectively hunt varmint and small game under any conditions.

Gilboa™ Savannah	
Caliber	5.56X45mm
Method of operation	Bolt Action
Weight without magazine	3.350 Kg
Overall length (stock extended)	950 mm
Overall length (stock folded)	850 mm
Barrel length	457 mm (18")
Bore characteristics	Chrome lined 1:7 RH

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The **Gilboa™ .308"** (7.62x51mm) rifle is semi-automatic / automatic rifle designed for rugged use under harsh conditions. In the semi-automatic mode, the system offers improved marksmanship effectiveness during engagements involving multiple targets or when follow-up shots are required. The rifle is capable of firing in the fully automatic mode – a useful option in assault or defensive scenarios.

Gilboa™ .308

Caliber	7.626X51mm
Method of operation	Proprietary piston system
Weight without magazine	3.380 Kg
Overall length (stock extended)	970 mm
Overall length (stock folded)	880 mm
Barrel length	406 mm (16")
Bore characteristics	Nitrated steel 1:12
Bore characteristics	Chrome lined 1:7 RH

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The **Gilboa™ 9mm** submachine gun was designed specifically for special units and law enforcement applications. The **Gilboa™ SMG** ensures accuracy, reliability, ease of handling, simple maintenance and safety

Gilboa™ 9mm SMG

Caliber	9X19 mm
Method of operation	Blowback
Weight without magazine	1.890 Kg
Overall length (stock extended)	647 mm
Overall length (stock folded)	418 mm
Barrel length	203 mm (8")
Magazine	Glock type magazine
Firing mode	Full auto or semi-auto available

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The **Gilboa™ Snake** was designed to deliver twice the firepower in any caliber. The features of the **Gilboa™ Snake** enable operators to accurately deliver two rounds into a target without the delay of cycling and the felt recoil which make “double taps” difficult to group. The **Gilboa™ Snake** will allow faster traversing between multiple targets by delivering two rounds with each trigger pull.

Gilboa™ Snake	
Caliber	5.56X45mm
Method of operation	Proprietary piston system
Weight without magazine	4.270 Kg
Overall length (stock extended)	800 mm
Overall length (stock folded)	495 mm
Barrel length	2x241 mm (9.5")
Weapon width	592 mm
Bore characteristics	Chrome lined 1:7
Firing mode	Full auto or semi-auto available