

# FN SCAR® Family of Rifles

*Tested and used by the most demanding combat units*



**FN HERSTAL**

# FN SCAR® Family of Rifles

## The FN SCAR® family of rifles covers the full range of requirements of the modern soldier:

- ▶ the very short subcompact version in 5.56x45mm NATO or .300 BLK
- ▶ the 5.56x45mm and 7.62x51mm NATO calibre assault rifles
- ▶ the 40x46mm grenade launcher
- ▶ the highly accurate precision rifles in 7.62x51mm NATO calibre

The highly innovative design of the FN SCAR® combines **outstanding performance in all conditions** with **unlimited modularity and flexibility**.

With a wide choice of models (various calibres, barrel lengths and buttstocks to name just a few), every user can get the most suitable FN SCAR® configuration to carry out his mission successfully.

Ergonomic commonality and parts commonality throughout the FN SCAR® family simplify armourer and user level training, and reduce life cycle costs significantly.

Just like for its entire portfolio, FN Herstal provides an effective, continuous 360-degree support service for the FN SCAR® product range.



ACCURATE



ERGONOMIC



▶ **FN SCAR®-SC 5.56 Subcompact Carbine**  
5.56x45mm NATO



▶ **FN SCAR®-SC .300 Subcompact Carbine**  
(shown here with optional sound suppressor)  
.300 BLK/7.62x35mm

# Whatever your mission, there is an FN SCAR® that meets your needs



› **FN SCAR®-L Mk2 CQC Assault Rifle**  
5.56x45mm NATO  
shown here with 40x46mm FN40GL®-L Mk2  
Grenade Launcher



› **FN SCAR®-H Mk2 CQC Assault Rifle**  
7.62x51mm NATO



› **FN SCAR®-H PR Mk2 Precision Rifle**  
7.62x51mm NATO



› **FN SCAR®-L Mk2 STD Assault Rifle**  
5.56x45mm NATO



› **FN40GL®-S Mk2 Stand-Alone Grenade Launcher**  
40x46mm



› **FN SCAR®-H TPR Mk2 Tactical Precision Rifle**  
7.62x51mm NATO

# FN SCAR®-SC Subcompact Carbines

- ▶ Extremely compact
- ▶ Multiple buttstock options
- ▶ 5.56x45mm NATO or 7.62x35mm (.300 BLK)
- ▶ Semi-auto/full auto or semi-auto only

The FN SCAR®-SC provides a rifle as **compact** as a submachine gun for use as a Personal Defence Weapon or for close combat.

It is proposed with a **wide choice of buttstock configurations** to best suit to user morphology and mission at hand. These include foldable buttstock adjustable in length (6 positions) and height (2 positions) or telescopic buttstock (3 length of pull positions).

The FN SCAR®-SC has semi-auto only or selective fire capabilities, ambidextrous controls and a reversible, non-reciprocating, curved cocking handle. Its receiver comes standard with Picatinny® rails, and M-LOK rails are proposed as a variant.

**A wide range of add-ons** is available, such as red dot sights, sound suppressors, laser pointers, lights, foregrips.

See buttstock type options on pages 6 and 7



▶ **FN SCAR®-SC 5.56**  
Barrel length: 7.5"





TECHNICAL DATA	FN SCAR®-SC 5.56	FN SCAR®-SC .300
Calibre	5.56x45mm NATO	7.62x35mm (.300 BLK)
Operating principle	Gas operated, rotating bolt	
Firing mode	Semi-auto/full auto or semi-auto only	
Feed system	30-round steel magazine (M16 type)	
Rate of fire	550-650 RPM	500-750 RPM
Weight (without magazine)	Approx. 3.10 kg (6.83 lb)	Approx. 3.15 kg (6.94 lb)
Overall length: - buttstock fully extended - buttstock fully retracted - buttstock fully folded	Approx. 710mm (approx. 27.95") Approx. 647mm (approx. 25.47") Approx. 462mm (approx. 18.19")	Approx. 764mm (approx. 30.08") Approx. 701mm (approx. 27.60") Approx. 516mm (approx. 20.31")
Barrel length	190.5mm (7.5")	228.6mm (9")
Colour	Black or Flat Dark Earth	

Above technical details are valid for the FN SCAR®-SC 5.56 featuring a foldable, adjustable buttstock (concave buttplate), Picatinny type side rails, rail covers and hand stop.

# FN SCAR®-L Mk2 & FN SCAR®-H Mk2 Assault Rifles

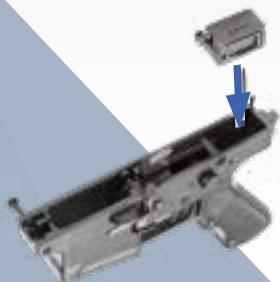
- ▶ The best choice for front line combat
- ▶ Standard or short barrel
- ▶ Semi-auto/full auto or semi-auto only
- ▶ Accepts the underbarrel FN40GL® Mk2 grenade launcher

The FN SCAR® (now Mk2 version) assault rifle has been specifically designed to offer operators **increased portability and adaptability**. It features a **foldable buttstock**, which provides more compact weapon package, and makes firing from the folded position possible. The buttstock is **adjustable** in length (6 positions) and height (2 positions) to fit a variety of operator body sizes, body armour and load bearing equipment.

Each FN SCAR® Mk2 assault rifle is available in semi-auto or semi-auto/full auto. Its receiver comes standard with Picatinny® rails, and M-LOK rails are proposed as a variant.

Well-designed field stripping makes cleaning quick and easy.

For additional power, an optional underbarrel grenade launcher can be fitted (more details on page 10).



- ▶ Optional **FN SmartCore® shot counter** for FN SCAR® Mk2 allows optimised small arms management.

## FN SCAR®-L Mk2

The **FN SCAR®-L Mk2** assault rifle is chambered in 5.56x45mm NATO calibre and comes standard with a 14.5" barrel (FN SCAR®-L Mk2 STD) or short 10" barrel (FN SCAR®-L Mk2 CQC) for close quarter combat. Barrels are easily interchangeable in less than five minutes.



- ▶ **FN SCAR®-L Mk2 STD** with foldable, adjustable buttstock  
Barrel length: 14.5"



- ▶ **FN SCAR®-L Mk2 CQC** with foldable, adjustable buttstock  
Barrel length: 10"

## AVAILABLE BUTTSTOCKS FOR FN SCAR®-SC CARBINES, FN SCAR®-L Mk2 AND FN SCAR®-H Mk2 ASSAULT RIFLES



- ▶ Fixed, adjustable (black or Flat Dark Earth) buttstock with concave butt plate



- ▶ Foldable, adjustable (black or Flat Dark Earth) buttstock with concave butt plate

## FN SCAR®-H Mk2

The **FN SCAR®-H Mk2** assault rifle is chambered in 7.62x51mm NATO calibre and comes standard with a 16" barrel (FN SCAR®-H Mk2 STD) or short 13" barrel (FN SCAR®-H Mk2 CQC) for close quarter combat. Barrels are easily interchangeable in less than five minutes.



› **FN SCAR®-H Mk2 STD** with foldable, adjustable buttstock  
Barrel length: 16"



› **FN SCAR®-H Mk2 CQC** with foldable, adjustable buttstock  
Barrel length: 13"

## EASY FIELD STRIPPING



› Foldable, adjustable (black or Flat Dark Earth) buttstock with convex butt plate



› Standard telescopic buttstock



› Short telescopic buttstock



› Foldable, adjustable offset buttstock for use with visor helmet

# FN SCAR®-L Mk2 & FN SCAR®-H Mk2 Assault Rifles



## FN SCAR®-L Mk2 STD Barrel length: 14.5"



Calibre conversion kit available to convert the FN SCAR®-H Mk2 to fire 5.56x45mm NATO ammunition.

TECHNICAL DATA	FN SCAR®-L Mk2			FN SCAR®-H Mk2	
	STD Model		CQC Model	STD Model	CQC Model
	Calibre	5.56x45mm NATO			7.62x51mm NATO
Operating principle	Gas operated, rotating bolt, short stroke piston				
Feed system	30-round steel magazine (M16 type)			20-round steel magazine	
Rate of fire	550-650 RPM				
Firing mode	Semi-auto/full auto	Semi-auto only	Semi-auto/full auto or semi-auto only	Semi-auto/full auto or semi-auto only	
Overall length with: - buttstock fully extended - buttstock fully collapsed - buttstock folded	903mm (35.55") 840mm (33.07") 655mm (25.79")	886mm (34.88") 822mm (32.36") 638mm (25.12")	788mm (31.02") 724mm (28.50") 540mm (21.26")	969mm (38.15") 906mm (35.67") 721mm (28.39")	893mm (35.16") 830mm (32.68") 645mm (25.39")
Weight (without magazine)	Approx. 3.6 kg (7.94 lb)	Approx. 3.5 kg (7.72 lb)	Approx. 3.4 kg (7.50 lb)	Approx. 3.7 kg (8.16 lb)	Approx. 3.5 kg (7.72 lb)
Barrel length	368.3mm (14.5")	355.6 (14")	254mm (10")	406.4mm (16")	330.2mm (13")
Colours	Flat Dark Earth or black				

# FN40GL® Mk2 Grenade Launcher

- ▶ Quickly attaches to the FN SCAR®-L or FN SCAR®-H to greatly increase firepower
- ▶ Compact and ergonomic
- ▶ Ambidextrous
- ▶ Forward and side opening features

The **FN40GL® Mk2 grenade launcher** has been designed and developed to fit onto either the **FN SCAR®-L** or the **FN SCAR®-H** rifle, using a trigger adapter and dual locking clamp levers. The FN40GL® Mk2 adds no length to the overall rifle.

It can also be used as a **stand-alone** grenade launcher when attached to a buttstock assembly. The stand-alone version is light and compact thanks to a retractable buttstock for easy transport and quick engagement.

**Forward opening** allows automatic extraction and ejection of the grenade case. **Side opening** of the barrel is intended for longer grenades and easy chamber inspection.

The high performance **FN® FCU Mk3 Fire Control Unit** can be mounted onto the host weapon to deliver maximised first round hit probability when firing 40x46mm grenades, night and day.



▶ **FN40GL®-L Mk2** on FN SCAR®-L Mk2 (5.56x45mm NATO)



▶ **FN40GL®-H Mk2** on FN SCAR®-H Mk2 (7.62x51mm NATO)



▶ **FN40GL®-S Mk2** Stand-Alone (40x46mm)



▶ **FN® FCU Mk3 Fire Control Unit** on FN40GL®-S Mk2 Grenade Launcher



## TECHNICAL DATA

	Underbarrel FN40GL®-L Mk2 or FN40GL®-H Mk2	Stand-Alone FN40GL®-S Mk2
Calibre	40x46mm LV	
Operating principle	Pump action, rotary locking	
Muzzle velocity	76m/s	
Firing mode	Single shot	
Capacity	One grenade	
Weight	Approx. 1.40 kg (3.09 lb)	Approx. 2.90 kg (6.39 lb)
Overall length: - buttstock fully extended - buttstock fully collapsed	Same as host weapon - -	Approx. 680mm (26.77") Approx. 520mm (20.47")
Weight of stand-alone buttstock	-	1.41 kg (3.11 lb)
Weight of leaf sight	Approx. 0.120 kg (0.26 lb)	
Colours	Flat Dark Earth or black	

# FN SCAR®-H PR Mk2 & FN SCAR®-H TPR Mk2 Precision Rifles

- ▶ 7.62x51mm NATO
- ▶ Highly accurate
- ▶ Semi-auto or semi-auto/full auto
- ▶ Foldable and adjustable or tactical, fixed sniper type buttstock

The **FN SCAR®-H PR Mk2** precision rifle is a highly reliable and extremely accurate weapon of choice for the **specialised marksman**.

This **7.62x51mm NATO** rifle with its heavy free-floating barrel and match grade trigger provides rapid shots on target even at long range. The FN SCAR®-H PR Mk2 is available in semi-auto or semi-auto/full auto.

The heavy **20" barrel** gives accuracy to engage targets at long ranges, with the same performances as an assault rifle at shorter ranges.

The long one-piece integrated top rail allows **day and night optics** to be fitted in line.

A choice of buttstock options allow the rifle to be adapted to the user's needs. The **FN SCAR®-H PR Mk2** precision rifle is available with a foldable and adjustable buttstock. Adjustments are retained after folding and unfolding.

The **FN SCAR®-H TPR Mk2** comes standard with a fixed sniper type buttstock with more precise adjustments for length and height. It also features an elastomer-covered, sloped cheek rest for improved comfort.



- ▶ **FN SCAR®-H PR Mk2**, with foldable, adjustable buttstock  
Barrel length: 20"

- ▶ **FN SCAR®-H TPR Mk2**, with optional FN Elity® ballistic calculator, scope and bipod





TECHNICAL DATA	FN SCAR®-H PR Mk2	FN SCAR®-H TPR Mk2
Calibre	7.62x51mm NATO	
Operating principle	Gas operated, rotating bolt	
Firing mode	Semi-auto only or semi-auto/full auto	
Feed system	20-round steel magazine (10-round option)	
Weight (without magazine)	Approx. 4.5 kg (9.92 lb)	Approx. 5 kg (11.02 lb)
Overall length: - buttstock fully extended - buttstock fully collapsed - buttstock folded	1,071mm (42.16") 1,007mm (39.64") 823mm (32.40")	1,085mm (42.72") 1,040mm (40.95") N/A
Barrel length	508mm (20")	
Buttstocks adjustments: - cheek rest - length of pull	2 positions 6 positions	8 positions 10 positions
Colours	Flat Dark Earth or black	

# 360-Degree Support

FN Herstal provides a truly comprehensive package with all its products to meet users' specific requirements for present day and tomorrow's missions.



## AMMUNITION

FN Herstal has had a proven record in the **development and production of high quality military small calibre ammunition** for over a century, and continues to provide user with ammunition for all their weapons. This enables the weapons to achieve maximum combat capability.



## ACCESSORIES

**FN Herstal proposes a full range of accessories for all its weapons.**

Some are designed and manufactured in-house, and others, such as optical sights, are sourced from specialised manufacturers of high-grade products.

All accessories have been certified after thorough testing on the weapon to ensure that they can be correctly attached and function reliably with no negative effects on the weapon.

## AIMING SOLUTIONS

A number of aiming solutions are proposed under the **FN® e-novation portfolio** that greatly increase hit probability.

For the 40x46mm **FN40GL® Mk2 grenade launcher**, the **FN FCU® Mk3 Fire Control Unit** calculates the right trajectory based on a number of criteria such as range, temperature and slope angle, and adjusts the aiming point for a first-round hit, day and night. It includes visible and IR laser pointers.

For the FN SCAR®-H PR/TPR Mk2 precision rifle, the **FN Elity®** is a compact multi-purpose ballistic calculator that can be mounted onto any Picatinny type rail. It includes a state-of-the-art laser range finder coupled with a powerful ballistic solver (AFS® by ApexO) and environmental sensors. Ballistics corrections are computed and displayed on an adaptive high-quality OLED screen. The FN Elity® also features visible and IR laser pointers and a variable IR illuminator.





## TRAINING SOLUTIONS

FN Herstal proposes a range of training solutions for its FN SCAR® family of rifles to meet end users's requirements.

The **FN® Expert system for basic marksmanship and tactical training** is quickly deployable indoors or outdoors and can be used with simulated firing models (such as airsoft) or duty weapons.

**Training and practice models** are also available for FN SCAR® rifles.

## FN® SMART ARMOURY

The design of the FN SCAR® reduces and simplifies the armourer's workload. The **FN SmartCore® shot counter** and the **FN® SAM software** take this further, enabling preventive replacement of parts, improving the organisation of armourer interventions and providing optimal management of the small arms fleet. To a smaller scale, an **RFID tag** on the weapon and accessories will help optimise both the inventory and in-and-out movements of the products.



## AFTER SALES SUPPORT

To back its high quality products, FN Herstal proposes effective, proactive and reactive assistance to ensure long and reliable service life. FN Herstal provides training, technical assistance and documentation, upgrades, retrofits and everything customers need to gain the maximum tactical advantage from their weapons.



[www.fnherstal.com](http://www.fnherstal.com)

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Registered Office: Voie de Liège, 33 | B-4040 Herstal | Belgium  
Phone No. + 32 4 240 81 11 | Fax No. + 32 4 240 86 79 | [info@fnherstal.com](mailto:info@fnherstal.com) | [www.fnherstal.com](http://www.fnherstal.com)  
V.A.T. No. BE 0441.928.931- R.P.M. Liège

