



DEFENCE SOLUTIONS

INTEGRATED WEAPON SYSTEMS

Products and services catalogue



FN 

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OUR REPUTATION HAS BEEN FORGED OUT OF INGENUITY AND EXCEPTIONAL RELIABILITY.

For over 135 years, FN has been shaping the future, building on its legacy of knowledge, expertise and innovation.

Driven by close collaboration with our customers and an uncompromising commitment to quality, our solutions reflect a standard of excellence and a forward-thinking mindset.

From an initial design through to development and manufacturing, our defence and security solutions are built for peak performance and absolute accuracy.

Over the years, we have set the global standard in firearms and ammunition, delivering precision-engineered solutions trusted by military and law enforcement agencies worldwide.

In both defence and security, FN rises to the toughest operational challenges. We continually adapt to the demanding environments in which our customers and partners operate, strengthening their trust in us, generation after generation.







Design differently.

We are small arms designers.

What sets FN apart is a visionary approach, one that redefines the way we innovate and design. Combining a depth of expertise with a bold entrepreneurial mindset, we push beyond conventional limits to create solutions that are as forward thinking as they are effective.

We strive for progress, anticipating and meeting tomorrow's defence and security challenges with solutions today. We are committed to remaining the reliable and trusted partner we have always been.





A LONG-TERM PARTNER FOR DEFENCE FORCES

For over 135 years, FN has been a global leader in firearms and ammunition.

Leveraging our deep expertise, we expanded our offerings in the late 1970s, pioneering advanced weapon mounting systems, self-contained gun pods for aerial platforms, and in modern day, state-of-the-art remote weapon stations for land and naval operations.

Today, FN collaborates closely with operational end users and original equipment manufacturers to ensure seamless integration of its weapon systems across air, land, and sea platforms.

Beyond manufacturing, FN is committed to excellence, providing rigorous operator training and top-tier after-sales support that delivers uncompromising reliability and exceeds expectations at every level.



MACHINE GUNS

FN is the world's leading designer and manufacturer of high-end machine guns. We are driven by constant innovation and rigorous manufacturing and testing.

Our offer ranges from 5.56x45mm NATO through to 12.7x99mm NATO (.50 cal).

Adopted on all continents, the FN MAG® is the unbeatable worldwide reference in its category in terms of accuracy and reliability. Light and agile, it is suited to fire from mounted crew-served platforms or operated by troops on the ground.

The FN® M2HB QCB MK2 configuration retains the reliability and effectiveness that have won the FN® M2HB an undisputed reputation as the finest heavy machine gun ever made.

The FN® M3 series of machine guns is ideal when high rate firepower is needed.

Initially designed for airborne crew-served or fixed forward-firing applications, they are also well suited on land vehicles for missions demanding accurate firing at an unequalled rate of fire.

FN has designed a full range of solutions to integrate these machine guns onto vehicles, ships and aircraft.





FN MAG 58M, featuring spade grips



Coax-mounted FN MAG



FN MAG infantry with optional front twin rail

TECHNICAL DATA

CALIBRE 7.62x51mm NATO	WEAPON LENGTH 1,230mm (48.43")	FEEDING Belted ammunition (M13 Link)	CYCLIC RATE OF FIRE 650 to 1,000 RPM
OPERATING PRINCIPLE Gas operated, open bolt	BARREL LENGTH 630mm (24.80")	WEIGHT Weapon: approx. 12 kg (26 lb) Barrel assembly: approx. 3.050 kg (6.72 lb)	

Above technical details are valid for the coax-mounted FN MAG.

FN MAG®

The unbeatable reference in its category

KEY BENEFITS

- Rate of fire: 650 to 1,000 RPM (adjustable)
- No cook-off risk (open bolt mechanism)
- Quick Change Barrel (QCB)
- High hit probability
- Also known as GPMG, FN M240, L7A2

VARIANTS & OPTIONS

- With spade grips
- Coax-mounted
- Infantry with standard buttstock
- FN SMARTCORE shot counter
- FN ELITY LITE laser range finder and IR laser pointer/illuminator

More information on associated cartridges on page 53

FN MAG®, FN SMARTCORE® and FN ELITY® are registered trademarks of FN HERSTAL S.A.





FN M2HB QCB MK2, available with optional FN SMARTCORE shot counter and flash hider



FN M2HB QCB Coax

FN M2HB[®] QCB MK2
 FN, the original manufacturer of the Quick Change Barrel (QCB), version Browning M2HB .50 cal.

KEY BENEFITS

- Rate of fire: 485 to 635 RPM
- Quick Change Barrel (QCB) allowing faster, easier and safer barrel change procedure without gauging
- High reliability and effectiveness of the FN M2HB retained

VARIANTS & OPTIONS

- FN SMARTCORE shot counter
- FN ELITY LITE laser range finder and IR laser pointer/illuminator

TECHNICAL DATA

CALIBRE	WEAPON LENGTH	FEEDING BELT	CYCLIC RATE OF FIRE
12.7x99mm NATO (.50 cal)	1,658mm (65.28")	Disintegrating link belt (M2 or M9 link)	485 to 635 RPM
OPERATING PRINCIPLE	BARREL LENGTH	WEIGHT	
Short recoil of the barrel	1,143mm (45")	Weapon: approx. 38.150 kg (84.10 lb) Barrel assembly: approx. 11.8 kg (26.01 lb)	

Above technical details are valid for the FN M2HB QCB MK2 with no flash hider and no FN SMARTCORE.

More information on associated cartridges on page 53

FN[®] M2HB and FN[®] M2HB QCB are trademarks used by FN as brand names.
 FN SMARTCORE[®] and FN ELITY[®] are registered trademarks of FN HERSTAL S.A.





FN M3M MK3 with optional FN SMARTCORE shot counter for pintle-mounted applications



FN M3P for airborne pod systems



FN M3R for FN DEFENDER Remote Weapon Stations



FN M3W for integration into aircraft fixed wings

FN M3M[®], FN M3P[®], FN M3R[®], FN M3W[®]

Powerful, yet lightweight

KEY BENEFITS

- Cyclic rate of fire up to 1,100 RPM, i.e. double the rate of the FN M2HB-QCB version
- Multi-target elimination using the full .50 cal ammunition range, including Multi-Purpose APEI (Armoured Piercing Explosive Incendiary)
- No cook-off risk (open bolt firing system for FN M3M)

VARIANTS & OPTIONS

- FN SMARTCORE shotcounter on FN M3M, including SaaS (Software as a Service)
- FN ELITY LITE laser range finder and IR laser pointer/illuminator

TECHNICAL DATA

CALIBRE 12.7x99mm NATO (.50 cal)	WEAPON LENGTH Approx. 1,641mm (64.6")	FEEDING BELT Disintegrating link belt (M9 link)	CYCLIC RATE OF FIRE ± 1,025 RPM
OPERATING PRINCIPLE Short recoil of the barrel	BARREL LENGTH 915mm (36")	WEIGHT Weapon: approx. 36.8 kg (81.1 lb) Barrel assembly: approx. 5 kg (11 lb)	

Above technical details are valid for the FN M3M MK3

More information on associated cartridges on page 53

FN[®] M3M, FN[®] M3P, FN[®] M3R, FN[®] M3W, FN[®] M2HB and FN[®] M2HB QCB are trademarks used by FN as brand names.

FN SMARTCORE[®] and FN ELITY[®] are registered trademarks of FN HERSTAL S.A.



AIRBORNE CREW-SERVED WEAPON SYSTEM SOLUTIONS

FN designs, develops and provides integrated airborne crew-served weapon system solutions with unprecedented and unequalled firing capabilities for multi-role helicopters.

Today, over 5,500 FN airborne weapon systems are deployed on a wide range of carriers across the world.

FN airborne crew-served weapon system solutions are designed around FN machine guns (FN MAG® or world exclusive FN® M3M) to guarantee full mission capability while ensuring protection for the carrier and maximum safety for the crew.

Light Pintle Systems are ideal for light aircraft and provides effective fire against light ground targets. They feature a 7.62x51mm NATO FN MAG® machine gun.

Medium Pintle Systems fitted with a 12.7x99mm NATO (.50 cal) FN® M3M machine gun are well suited when heavy firepower is needed against light armoured vehicles at long range.

These weapon systems can be retracted, removed or reconfigured using the FN turning system, which is compatible with both calibres. Both Light and Medium Pintle Systems can be window, door, ramp or externally mounted.

FN LIGHT PINTLE SYSTEM®

Well suited for self-defence and anti-personnel suppressive fire up to 1,000m

KEY BENEFITS

- Lightweight and compact
- Fully mechanical system (no electrical power required)
- Easily retractable or removed
- Soft mount for outstanding balance and accuracy
- Wide angle of operation
- Modular (sight system, locking position in azimuth and elevation)

VARIANTS & OPTIONS

- FN LDP TURNING, featuring rotating arm for door applications
- External, window or ramp mounted
- FN SMARTCORE shot counter
- FN ELITY LITE laser range finder and IR pointer/illuminator

More information on associated machine gun and ammunition on pages 11 and 53 respectively.

FN® LPS and FN® LDP are trademarks used by FN as brand names.

FN MAG®, FN SMARTCORE® and FN ELITY® are registered trademarks of FN HERSTAL S.A.



FN LIGHT DOOR PINTLE (LDP) TURNING system featuring an FN MAG 58M

TECHNICAL DATA

CALIBRE	WEIGHT	AMMO BOX	ELEVATION ANGLES	COLLECTOR
7.62x51mm NATO	Approx. 60 kg (132 lb) fully loaded	250 rounds	+4°; -70° (adjustable)	Links and cases (LCC)
FIRING				
Full automatic 1,000 RPM				



FN MEDIUM DOOR PINTLE (MDP) TURNING system featuring an FN M3M

FN MEDIUM PINTLE SYSTEM®

Ideal when high firepower is needed
at long range

KEY BENEFITS

- Outstanding balance during burst and unequalled firing accuracy thanks to the soft mount system
- Easy to install thanks to quick release device
- Increased target effect thanks to the .50 cal ammunition range, including Multi-Purpose APEI (Armoured Piercing Explosive Incendiary)
- Fully mechanical system

VARIANTS & OPTIONS

- FN MDP TURNING, featuring rotating arm for door applications, also compatible with the FN LPS
- FN SMARTCORE shot counter
- External, window or ramp mounted
- FN ELITY LITE laser range finder and IR pointer/illuminator

TECHNICAL DATA

CALIBRE	WEIGHT	AMMO BOX	ELEVATION ANGLES	COLLECTOR
12.7x99mm NATO (.50) except blank	Approx. 182 kg (401.2 lb) fully loaded	300 rounds	+4°; -70° (adjustable)	Links. Optional cases ejection hose.
FIRING				
Full automatic ± 1,025 RPM				

More information on associated machine guns and ammunition on pages 11 and 53 respectively.

FN® MPS, FN® MDP, FN® LPS and FN® M3M are trademarks used by FN as brand names.

FN SMARTCORE® and FN ELITY® are registered trademarks of FN HERSTAL S.A.



AIRBORNE FIXED FORWARD WEAPON SYSTEM SOLUTIONS

FN airborne fixed forward weapon system solutions provide military forces with the highest level of operational capability. They feature the .50 cal FN® M3P machine gun capable of firing around 1,100 rounds per minute. Fitted with standard lugs, these systems - also called FN pods - can be carried by helicopters and subsonic aircraft equipped with 14" NATO standard suspension masts.

Depending on configuration, FN airborne fixed forward weapon system solutions come with a 250- or 400-round ammunition box, links collector or links and cases collector, and with or without 70mm (2.75") rocket launcher tubes. Any model in service can be reconfigured using specific adaptation kits.

Each pod version is available in analog or digital configuration. FN digital pods can be easily integrated into modern platforms and operated from FN or on-board Armament Management Systems (AMS).

More recently, FN also proposes a comprehensive, state-of-the-art airborne digital suite, which includes the digital pod together with high-grade control systems to provide users with a complete solution.





FN D HMP250 LCC



FN D HMP400 LC



FN D HMP400 LCC



*FN D RMP with three 70mm (2.75")
rocket launcher tubes*

TECHNICAL DATA

	FN D HMP250 LCC OR FN HMP250 LCC	FN D HMP400 LC OR FN HMP400 LC	FN D HMP400 LCC OR FN HMP400 LCC	FN D RMP OR FN RMP
CALIBRE	Any type of 12.7x99mm NATO (.50 cal) except blank	Any type of 12.7x99mm NATO (.50 cal) except blank	Any type of 12.7x99mm NATO (.50 cal) except blank	Any type of 12.7x99mm NATO (.50 cal) except blank + 3x70mm (2.75") rockets
FIRING	Approx. 1,100 RPM	Approx. 1,100 RPM	Approx. 1,100 RPM	Approx. 1,100 RPM
WEIGHT FULLY LOADED	118.5 kg - 261.25 lb	143.9 kg - 315.12 lb	143.9 kg - 315.12 lb	+/- 165 kg - 363 lb (depending on rocket)
LENGTH	1,810mm - 71.3"	1,932mm - 76.06"	1,932mm - 76.0"	1,930mm - 75.9"
CAPACITY	250 rounds	400 rounds	400 rounds	250 rounds + 3 rockets (2.75")
COLLECTOR	Links and cases (LCC)	Links (LC)	Links and cases (LCC)	Links (LC)

**FN AIRBORNE DIGITAL
POD SYSTEMS** 

An all-in-one concept, featuring the exclusive .50 cal FN M3P machine gun

KEY BENEFITS

- Compact
- Lightweight
- Easy to install
- Soft mount for maximum accuracy and high hit probability
- Anti cook-off device
- Compatible with digital hardpoints (MIL-STD-1760 compliant)
- Compatible with a wide range of mission tailored ammunition

VARIANTS

- Also available in analog configuration

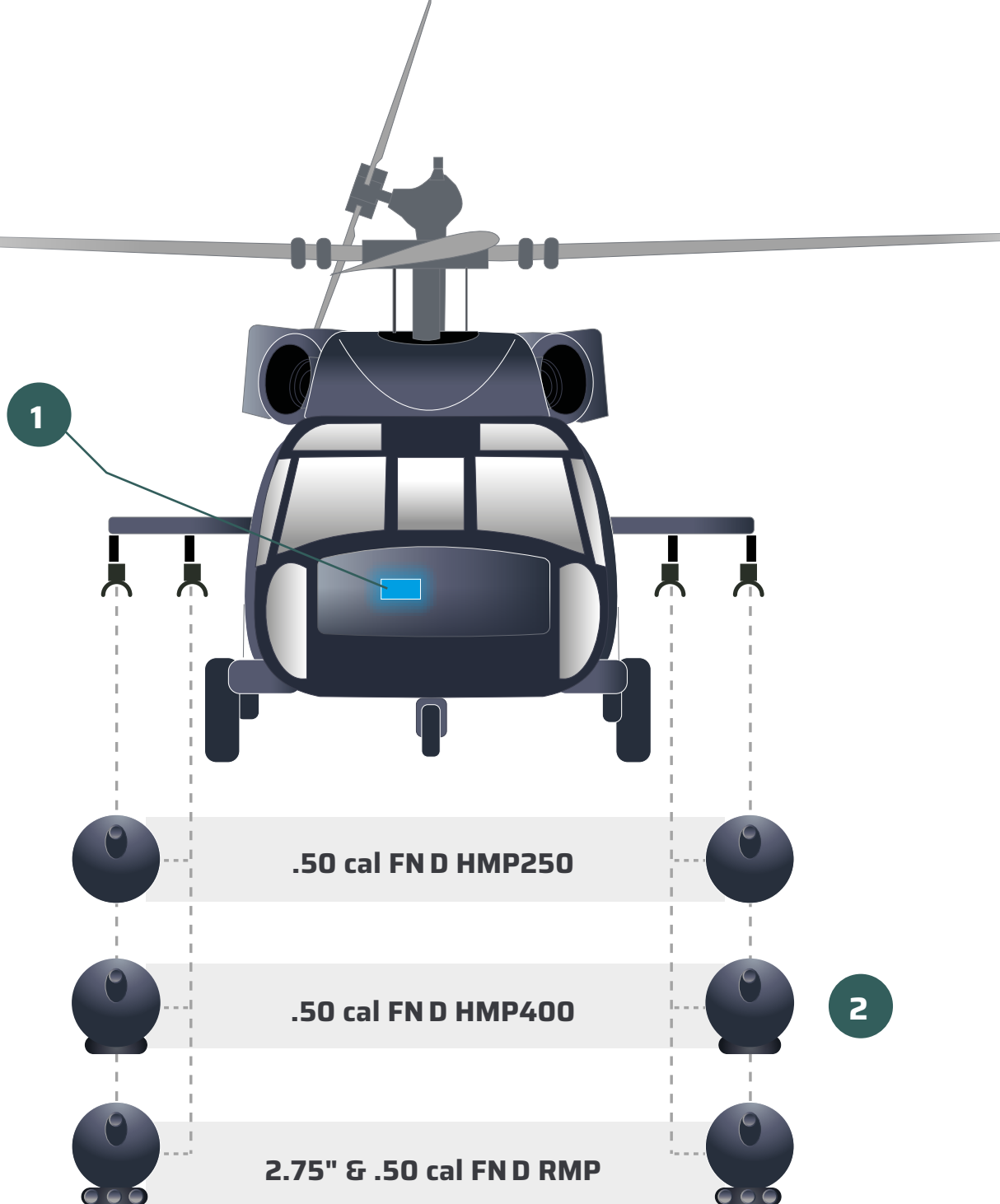
More information on associated machine gun and ammunition on pages 11 and 53 respectively.

FN® HMP, FN® D HMP, FN® RMP, FN® D RMP and FN® M3P are trademarks used by FN as brand names.



FN AIRBORNE DIGITAL SUITE[®]

Providing the highest level of operational capability to modern and legacy platforms



KEY BENEFITS

- Comprehensive, state-of-the-art digital suite for airborne applications
- Includes:
 - self-contained fixed forward firing pod system with digital communication (MIL-STD-1760)
 - digital FN Armament Management System (FN D PC)
 - Capable of integrating non-FN equipment such as 7-12-19 rocket launchers (UGR/LGR capability via FN D-INT) and EO/IR systems

1



FN D PC[®]

- Automatic pod type identification: for safe management of firing, cocking and round counting sequences
- MIL-STD-1760 standard compliant, operates two stations (gun and/or rockets)
- NVG compatibility
- Rocket zone selection

2



FN D POD[®]

Self-contained fixed forward firing pod system, featuring the .50 cal FN M3P and optional 3x70mm (2.75") rocket launcher tubes.

FN[®] D HMP, FN[®] D RMP, FN[®] D PC, FN[®] D HUD and FN[®] M3P are trademarks used by FN as brand names.



FN GROUND SUPPORT EQUIPMENT

- Beyond the development of state-of-the-art products, FN endeavours to support its customers during the entire product lifetime.
- FN proposes a flexible ILS approach that allows the customer to choose between a complete in-house management by the customer or a combination of outsourcing and in-house management.

Protective Cover



FN Tool Kit



FN POD Container



*FN HLT Handling
and Loading Trolley*



FN Handling Device



FN D AMS EMU



FN D POD EMU



FN® D AMS and FN® D POD EMU are trademarks used by FN as brand names.



AIRBORNE FLEX-FIRE WEAPON SYSTEM SOLUTIONS

Helicopter armament is divided into fixed forward firing pilot operated systems, and lateral or rear-firing crew-served mounts. Almost all take a specific weapon. While some aircraft are specialized for a single mission, others need to adapt to a wide range of operational contexts. A perfect example is the combat rescue helicopter.

To meet US Air Force requirements for the new HH-60W Jolly Green II, Sikorsky needed a highly flexible armament system. The recognized leader in small-arms based armament for helicopters FN was selected to work on the project.

The Flex-Fire can be fitted with 2 types of .50 cal guns or the M134 minigun. The mountings can be rapidly set up for pilot operated forward firing or as crew-served systems. This provides maximum flexibility to optimize the aircraft for mission success.

The system is available in left-hand side and right-hand side configurations, with dedicated weapon-specific fire control systems and ammunition boxes that can be adapted for 7.62mm or 12.7mm (.50 cal).





FN® EXTERNALLY MOUNTED GUN SYSTEM (EMGS)

FN EXTERNAL MOUNTED GUN SYSTEM

The only all-in-one flex-fire weapon solution for rotary-wing platforms

KEY BENEFITS

- Fully designed, developed, manufactured and integrated by FN, a world leader in airborne weapon system solutions, on Sikorsky's HH-60W Jolly Green II
- Maximum versatility and full mission adaptability
 - Rapid in-mission reconfiguration between side-firing, crew-operated mode and fixed forward-firing mode controlled remotely by the pilot
 - Compatible with multiple weapon calibres for operational flexibility
- Space-efficient design enhances mission effectiveness
 - Minimal cabin footprint frees up space for additional crew, passengers, or mission-critical equipment
- Prioritizes crew safety and platform survivability
- Comprehensive 360-degree support across the entire product lifecycle
- Ideal for suppressive fire against light armoured vehicles, suppressive fire in landing zones, and ground and aerial threat suppression

VARIANTS & OPTIONS

- FN SMARTCORE shot counter
- FN ELITY LITE laser range finder and IR pointer/illuminator

More information on associated machine gun and ammunition on pages 11 and 53 respectively.

FN® EMGS and FN® M3M are trademarks used by FN as brand names.

FN SMARTCORE® and FN ELITY® are registered trademarks of FN HERSTAL S.A.

TECHNICAL DATA

CALIBRE	WEAPON DESIGNATION	FIRING	SYSTEM WEIGHT (FULLY LOADED)	AMMO BOX	AZIMUTH ANGLES	ELEVATION/DEPRESSION ANGLES
12.7mm	GAU-21 / FN M3M	1,025 ± 75 RPM	210.96 kg (464.11 lb)	600 rounds	0° (forward) to 171° (rearwards)	0° (horizontal) to -51° (depression)
	GAU-18	725 ± 75 RPM	212.39 kg (467.26 lb)			
7.62mm	GAU-2	3,000 RPM	189.6 kg (417.12 lb)	2,700 rounds		



LAND & SEA CREW-SERVED WEAPON SYSTEM SOLUTIONS

Alongside airborne applications, FN also provides a complete range of ergonomic, modular weapon system solutions for a range of land and naval carrier types based on the 5.56x45mm NATO and 7.62x51mm NATO FN MINIMI[®], 7.62x51mm NATO FN MAG[®], 12.7x99mm NATO (.50 cal.) FN[®] M2HB QCB and FN[®] M3M machine guns.

These systems can be mounted on new or in-service platforms in order to maximise protection against current and emerging threats.

FN develops the complete integration of the system together with the carrier manufacturer or directly with the end user. Our seamless services include managing the installation of products, training operators and providing integrated logistics support throughout the entire product life cycle.

FN LIGHT MULTI WEAPON MOUNT®

Light and agile

KEY BENEFITS

- MIL-STD-810 qualified for each weapon configuration
- Fully mechanical (no electrical power required)
- Elastic cradle for outstanding balance during firing, improved comfort and higher accuracy
- Quick change weapon configurations
- Only officially qualified pintle mount for the FN MAG
- Multi-weapon support capability for the following machine guns:
 - 7.62mm FN MAG 58M/infantry (GPMG)
 - 7.62mm FN M240 (D, H & L)
 - FN MINIMI 7.62/FN MK48
 - FN MINIMI 5.56/FN M249
 - FN EVOLYS 5.56 and 7.62

VARIANTS & OPTIONS

- FN SMARTCORE shot counter
- FN ELITY LITE laser range finder and IR pointer/illuminator

More information on associated machine guns and ammunition on pages 11 and 53 respectively.

FN® LMWM is a trademark used by FN as a brand name.

FN MAG®, FN MINIMI®, FN EVOLYS®, FN SMARTCORE® and FN ELITY® are registered trademarks of FN HERSTAL S.A.



FN LIGHT MULTI WEAPON MOUNT (FN LMWM) featuring an FN MAG Infantry, here with optional front twin rail and optional links and cases collector fitted



FN LIGHT MULTI WEAPON MOUNT (FN LMWM) featuring an FN MINIMI 7.62, here with optional links and cases collector fitted

TECHNICAL DATA

CALIBRE	FIRING	WEIGHT	AMMO BOX	ELEVATION ANGLES	LINKS AND CASES COLLECTOR (LCC)
7.62x51mm NATO	Full automatic 650 to 1,000 RPM	Approx. 40 kg (88.2 lb) Fully loaded	250 rounds	-60°; +50°	Optional

Above technical details are valid for the FN LIGHT MWM featuring an FN MAG.

FN MULTI WEAPON MOUNT®

The soft mount for the reliable
FN M2HB QCB



FN MULTI WEAPON MOUNT (FN MWM) featuring
an FN M2HB QCB machine gun

TECHNICAL DATA

CALIBRE	FIRING	WEIGHT	AMMO BOX	ELEVATION ANGLES	LINKS AND CASES COLLECTOR (LCC)
12.7x99mm NATO (.50 cal)	485 to 635 RPM	69.7 kg - 153.3 lb	Standard M2A1 100 rounds	-20°; +55°	Optional

Above technical details are valid for the FN MWM featuring an FN M2HB QCB MK2.

KEY BENEFITS

- MIL-STD-810 qualified with each weapon configuration
- Fully mechanical (no electrical power required)
- Quick change weapon configurations
- Multi-weapon support capability for the following weapons:
 - .50 cal FN M2HB QCB machine guns
 - 7.62mm FN MAG 58M/ infantry (GPMG) machine guns
 - 7.62mm FN M240 (D, H and L) machine guns
 - MK19 40mm AGL
- Modular design
- Land and naval versions

VARIANTS & OPTIONS

- Rigid cradle available on request
- FN SMARTCORE shot counter
- FN ELITY LITE laser range finder and IR pointer/ illuminator

More information on associated machine gun and ammunition on pages 11 and 53 respectively.

FN® MWM and FN® M2HB QCB are trademarks used by FN as brand names.

FN MAG®, FN SMARTCORE® and FN ELITY® are registered trademarks of FN HERSTAL S.A.





FN M3M WEAPON MOUNT (FN M3M WM), here with optional sight and FN SMARTCORE shot counter

FN M3M WEAPON MOUNT

Featuring the exclusive .50 cal FN M3M

KEY BENEFITS

- MIL-STD-810 qualified weapon system
- Fully mechanical system (no electrical power required)
- Cyclic rate of fire 1,100 RPM, i.e. double the rate of the FN M2HB QCB
- No cook-off risk (open bolt firing system)
- Ammunition box quick and easy to interchange
- Dual firing triggers

VARIANTS & OPTIONS

- Shoulder brace
- Cases collector/links deflector
- Front ballistic protection
- FN ELITY® Lite all-in-one laser range finder
- FN SMARTCORE® shot counter

TECHNICAL DATA

CALIBRE	FIRING	WEIGHT	AMMO BOX	ELEVATION ANGLES	COLLECTOR
12.7x99mm NATO (.50 cal), except blank	Full automatic ± 1,025 RPM	Approx. 126 kg (277.8 lb) Fully loaded	300 rounds	-20°; +60°	Links only (LC)

More information on associated machine gun and ammunition on pages 11 and 53 respectively.

FN® M3M and FN® M2HB QCB are trademarks used by FN as brand names.

FN SMARTCORE® and FN ELITY® are registered trademarks of FN HERSTAL S.A.



REMOTE WEAPON STATIONS

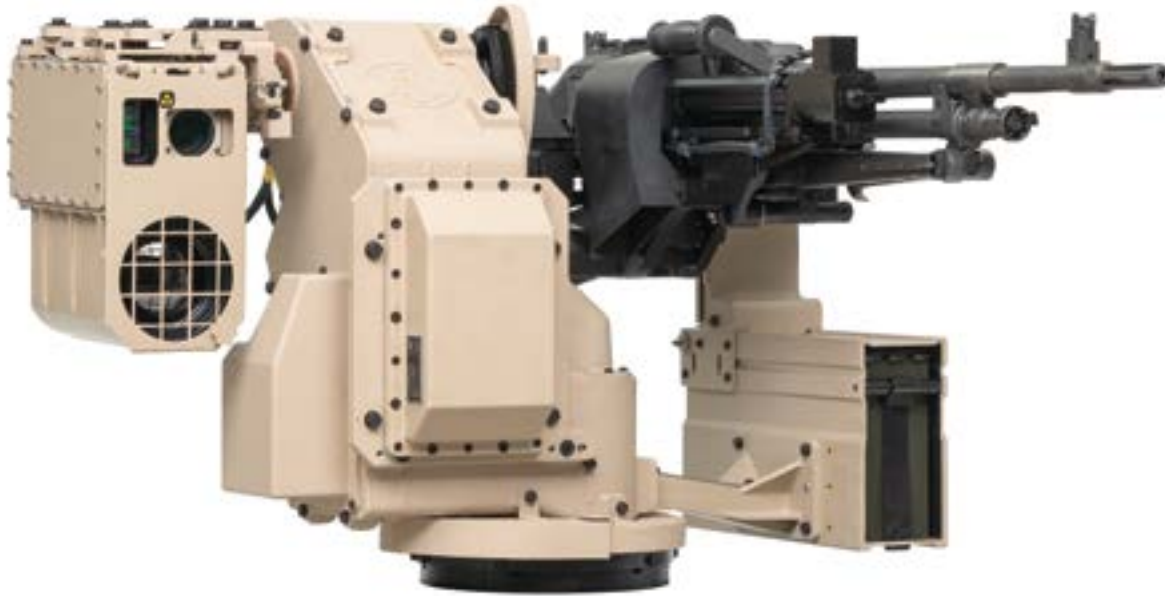
Based on its long-standing expertise in firearms and more recent integrated electronics, optoelectronics, software and power-drive technologies, FN is one step ahead in designing, developing, manufacturing and integrating high-grade remote weapon stations of the FN DEFENDER® series.

The FN DEFENDER® family includes three models, now fully digital, each coming with an extensive range of customer-specified options and accessories to meet today's operational requirements.

The FN DEFENDER® LIGHT station can feature 5.56x45mm NATO or 7.62x51mm NATO FN machine guns (FN MINIMI® 5.56, FN MINIMI® 7.62 or FN MAG®). The FN DEFENDER® MEDIUM adds the capability of mounting .50 cal weapons such as the FN® M2HB QCB and FN® M3R. With the FN DEFENDER® MEDIUM as a basis, FN also offers the FN SEA DEFENDER® for maritime applications.

With its full range of innovation-driven, scalable solutions to counter current and emerging threats on land and at sea, FN is expertly positioned to provide customers with small calibre turret systems of their choice.





FN DEFENDER LIGHT, here with a standard FN MAG infantry machine gun

FN DEFENDER[®] LIGHT

Well suited for self-defence, infantry fire support and combat missions as well as critical infrastructure protection

KEY BENEFITS

- Full HD from sight to Human-Machine Interface (HMI)
- Gyroscopic stabilisation
- Laser range finder and ballistic calculation
- Wide angles of operation
- Multi HMI to multi RWS control
- Interface with other sensors and Battle Management Systems (BMS)
- Only officially qualified Remote Weapon Stations with FN machine guns

VARIANTS & OPTIONS

- Compatible with FN MINIMI 5.56 and 7.62
- Optional target tracking
- Optional ballistic protection on mast and/or camera
- Optional protective cover
- Optional links and cases collector

TECHNICAL DATA

TRAVERSE ANGLE	ELEVATION ANGLES	HEIGHT	WEIGHT FULLY LOADED (WITHOUT OPTIONS)	AMMUNITION BOX
N x 360°	-60°; +80° (depending on configuration)	< 530mm (20.8")	< 100 kg (220.5 lb)	250 rounds 7.62x51mm NATO (optional 600 rounds)

Above technical details are valid for the FN DEFENDER LIGHT featuring an FN MAG Infantry.

More information on associated machine gun and ammunition on pages 11 and 53 respectively.

FN DEFENDER[®], FN MAG[®] and FN MINIMI[®] are registered trademarks of FN HERSTAL S.A.





FN DEFENDER MEDIUM, here with an FN M3R machine gun

FN DEFENDER[®] MEDIUM

State-of-the-art RWS combining heavy firepower with smart and modular architecture

KEY BENEFITS

- Full HD from sight to Human-Machine Interface (HMI)
- Gyroscopic stabilisation
- Laser range finder and ballistic calculation
- Wide angles of operation
- Multi HMI to multi RWS control
- Interface with other sensors and Battle Management Systems (BMS)
- Only officially qualified Remote Weapon Stations with FN machine guns
- Exclusivity of the high rate of fire FN M3R machine gun

VARIANTS & OPTIONS

- Compatible with FN MAG, FN M2HB QCB and FN M3R
- Optional protective cover
- Optional links and cases collector
- Optional ballistic protection on mast and/or camera
- Optional smoke grenade tubes

TECHNICAL DATA

TRAVERSE ANGLE	ELEVATION ANGLES	HEIGHT	WEIGHT	AMMUNITION BOX
N x 360°	-40°; +70° (depending on configuration)	< 630mm (26.8")	Approx. 200 kg (440.9 lb) Fully loaded (without options)	300 rounds 12.7x99mm NATO (.50 cal)

Above technical details are valid for the FN DEFENDER MEDIUM featuring an FN M3R.

More information on associated machine guns and ammunition on pages 11 and 53 respectively.

FN DEFENDER[®] and FN MAG[®] are registered trademarks of FN HERSTAL S.A.
FN[®] M2HB QCB and FN[®] M3R are trademarks used by FN as brand names.



FN SEA DEFENDER®

Well suited for countering asymmetric threats from any naval platform

KEY BENEFITS

- Full HD from sight to Human-Machine Interface (HMI)
- Gyroscopic stabilisation
- Laser range finder and ballistic calculation
- Wide angles of operation
- Multi HMI to multi RWS control
- Interface with other sensors and Battle Management Systems (BMS)
- Only officially qualified Remote Weapon Stations with FN machine guns
- Exclusivity of the high rate of fire FN M3R machine gun

VARIANTS & OPTIONS

- Compatible with FN MAG, FN M2HB QCB and FN M3R
- Optional links and cases collector

More information on associated machine gun and ammunition on pages 11 and 53 respectively.

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FN SEA DEFENDER, here with an FN M2HB QCB machine gun

TECHNICAL DATA

TRAVERSE ANGLE	ELEVATION ANGLES	HEIGHT	WEIGHT	AMMUNITION BOX
N x 360°	-40°; +70° (depending on configuration)	< 680mm (26.7")	Approx. 200 kg (440.9 lb) Fully loaded (without option)	300 rounds 12.7x99mm NATO (,50 cal)

Above technical details are valid for the FN SEA DEFENDER featuring an FN M2HB QCB MK2.



SMALL ARMS MANAGEMENT

Within any armed force, the fleet of small arms in service has both military and financial value. Modern management of the fleet reduces costs, through savings on the purchase of weapons and spares. It also makes maintenance actions more efficient.

A pioneer for over 135 years, FN is today taking military logistics into the digital era.

We developed the FN[®] SMART ARMOURY. This fully integrated solution combines the FN SMARTCORE[®] shot counter, RFID technology, and the comprehensive FN[®] SAM (Small Arms Management) software.

The FN SMARTCORE[®] shot counter, once fitted into/onto the weapon and associated with the FN[®] SAM software, enables preventive replacement of parts, improves the organisation of armourer interventions and aids optimal management of the small arms fleet.

To a smaller scale, an RFID tag on the weapon and/or accessories will help optimise both the inventory and in-and-out movements of the products.

This smart integral solution allows decisions to be taken quickly and efficiently.





FN SMARTCORE for FN M2HB QCB MK2



FN SAM Software

FN SMARTCORE® **FN SAM®**

FN SMARTCORE® SHOT COUNTER

- Analyses vibration of the weapon in order to record the number of shots fired, cyclic firing rate and effective firing rate
- Stores user defined information: serial number, firearm type and configuration, date of issue and boresight data per barrel when used in FN DEFENDER RWS
- Undetectable
- Compliant with EMI/EMC standards when used in helicopters
- Fully transparent to the user
- Easy to retrofit
- Maintenance free

FN SAM® SOFTWARE

- Provides up-to-date information on weapons data and status of the entire fleet of small arms
- Assists workshop technicians
- Can be integrated to in-service ERP softwares via web services
- Fully backed up by a remote, highly qualified help desk
- For use with FN, non-FN firearms and their accessories

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AMMUNITION

The cartridge gives the effect on target, and also provides energy to cycle the mechanism.

The quality of ammunition used will affect the reliability of the weapon, wear (especially on the barrel), safety and the ability to effectively engage the target.

FN is ideally positioned to provide defence forces with ammunition that enables their weapons to achieve maximum combat capability.

5.56X45MM NATO

- SS109 projectile designed by FN
- FN SS109 Ball ammunition adopted as the 5.56 NATO standard in 1980
- Regular 5.56 round, adapted to live fire training and standard duty use.



FN SS109
BALL



FN L110
TRACER



FN BLANK

7.62X51MM NATO

- FN SS77/1 projectile designed and developed by FN, adopted by NATO
- Ideal for machine gun applications
 - accurate and effective up to 1,500m
 - excellent target effect
- Armour Piercing rounds available



FN SS77/1
BALL



FN L78
TRACER



FN P80/1
ARMOUR
PIERCING



FN BLANK

FN® SS109, FN® L110, FN® SS77/1, FN® L78, FN® P80/1, and FN® BLANK are trademarks used by FN as brand names.



FN M33
BALL

FN TR-M17
TRACER

FN AP-M8
ARMOUR
PIERCING

FN AP-T115
ARMOUR
PIERCING
TRACER

FN API-M8
ARMOUR
PIERCING
INCENDIARY



FN APIT-M20
ARMOUR
PIERCING
INCENDIARY
TRACER

FN APEI-169
ARMOUR
PIERCING
EXPLOSIVE
INCENDIARY

FN ARIA
REDUCED
RANGE

FN ARIA-T
REDUCED
RANGE
TRACER

FN BLANK

FN BLANK
SBFSA*

12.7X99MM NATO (.50 CAL)

- Highly effective at long range
- Choice of many different projectiles, including the unique FN APEI (Armour Piercing Explosive Incendiary)
- FN AP variants are highly effective against armoured vehicles

* SBFSA: dedicated to Safe Blank Firing System from FN UK

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360 — DEGREE SERVICE SUPPORT

Quality is about so much more than rigorous design and robust manufacturing.

Uncompromising reliability, continuous operational performance, and optimised availability are all key factors in ensuring the longevity of military equipment and systems.

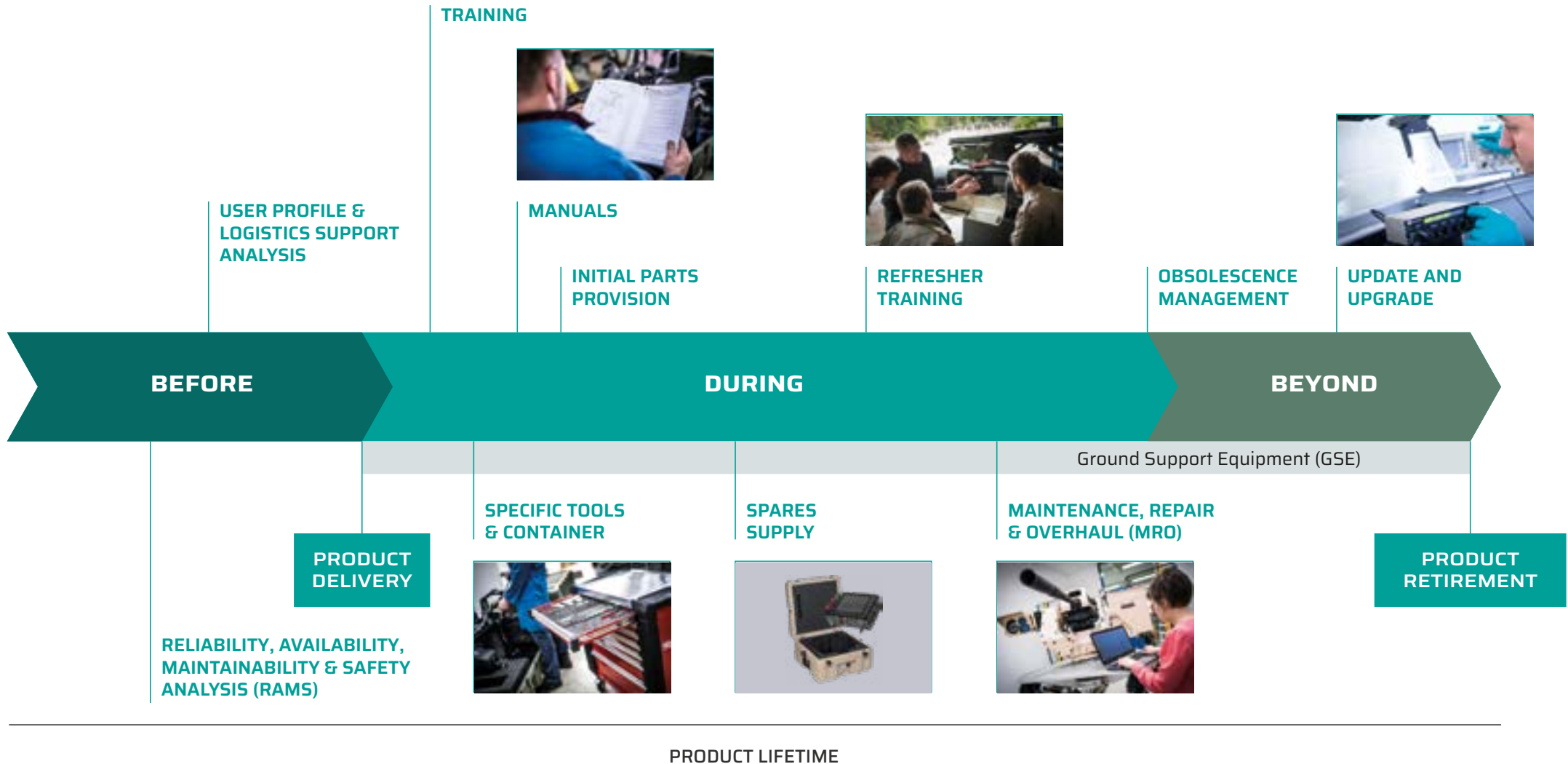
In line with our commitment to excellence, we provide our customers with comprehensive assistance and access to all the resources required for the general maintenance of the equipment we supply.

Alongside the routine upkeep carried out by our customers, our 360-degree support services reduce lifecycle costs and maintain equipment quality for years, even decades.



INTEGRATED LOGISTICS SUPPORT

FN, a trusted partner for the entire lifespan of your equipment





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