



ANTI-DRONE CONFIGURATION

P.S.S.10

SEMI-AUTO SHOTGUN 12-3" GA



OVERVIEW

In recent years, there has been a growing presence of drones in the management of armed conflicts or law enforcement operations. The PSS TELESCOPIC MIL SPEC GREEN 25" QTA SIGHTS is intended for engaging low-flying drone at close range . Firstly, its TRIBORE HP barrel, drilled from solid and tested at 1,630 BAR, delivers an effective shooting range unlike any other barrel. Then, its sights allow for quick and effective target acquisition. The telescopic stock, with its adjustable cheek rest, ensures great shooting comfort, even with the most powerful cartridges.

P.S.S.10 TELESCOPIC 25" QTA SIGHTS



MAIN SPECIFICATIONS

TYPE	SEMI-AUTOMATIC shotgun, gas operating, 12 gauge
MAIN SPECS	<ul style="list-style-type: none">• Chamber length: 76 mm (3").• Barrel length: 25" (63.5 cm)• Choke tube : removable, 1" extension• Gas-operated reloading system with gas regulation made by FABARM PULSE PISTON.• Tubular magazine type in Aluminium 7075 T6 hard anodized (under the barrel).• Magazine capacity: 9 rounds (70 mm (2 ¾")) or 8 rounds (76 mm (3") + 1 in the chamber.• Stock : Telescopic with 6 positions• Adjustable comb with 5 elevation positions• Unloaded shotgun weight : 4,2 kg

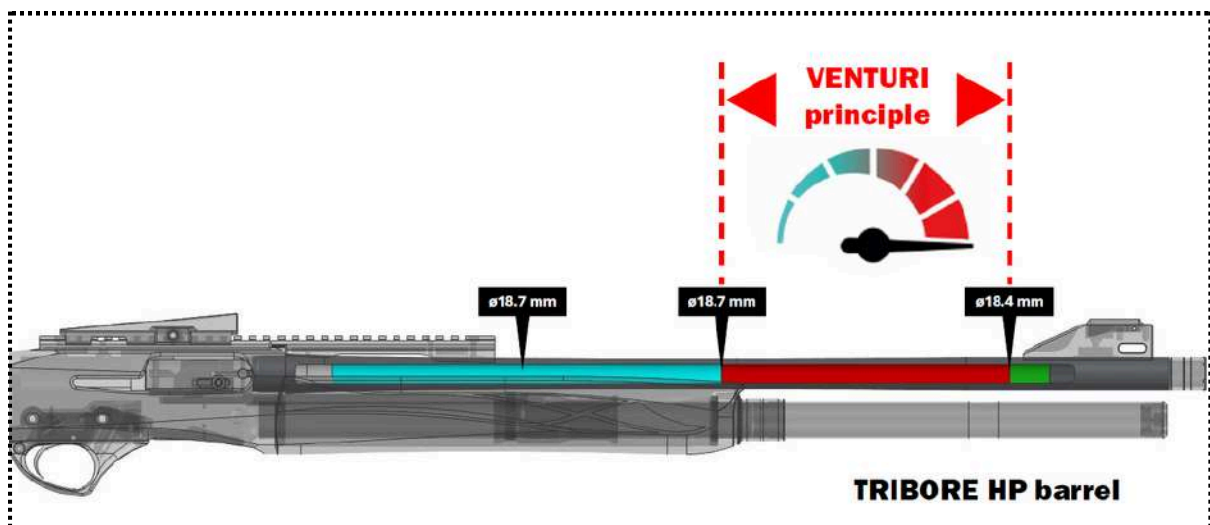
MEASUREMENTS



TRIBORE HP BARREL

FEATURES/BENEFITS

- Application of the Venturi Principle: The design of the bore is based on the Venturi principle, which states that the velocity of any fluid (*or the pellets and projectiles in this case*) increases as it passes through a constricted section.
- Higher penetration: The kinetic energy of the projectile is given by the equation $KE: \frac{1}{2} mv^2$. As the velocity increases, the kinetic energy increases quadratically.
- Reducing felt recoil: The over-bored 18.7 mm area located immediately after the long forcing cone, reduces the peak of the recoil, making possible faster and better aimed multi-shots.
- Improved shot distribution: The global multiple tapers TRIBORE HP profile, but also its production process using deep-drilling technology to optimize the steel elasticity, maximize the pattern efficiency.
- Full compatibility with non-toxic ammunition: The TRIBORE HP barrel allows the use of all high-performance steel shot and non-toxic ammunition with improved and full choke tubes, which is not typically possible with other barrels.



XL RANGE CHOKE TUBE

FEATURES/BENEFITS

- This extended 108 mm long XL RANGE choke tube (26 mm outside the barrel) is providing a tight long-distance pattern and can be used with all ammunition types.
- With the low stress generated by its progressive constriction design, its versatility includes also a perfect efficiency with the specific anti-drone cartridges which are not containing pellet but specific device.
- This XL RANGE choke tube is fully compatible with the following CIP manufactured cartridges.
 - Lead
 - Steel shot high performance
 - Tungsten and TSS
 - All non-toxic



AN INDIVIDUAL C.I.P. STEELSHOT PROOFING

FEATURES/BENEFITS

All PSS 10 TELESCOPIC shotguns are individually proof tested following the C.I.P. (Permanent International Commission) standards. The proof consist of firing overloaded 12/76 mm cartridges which develop a pressure corresponding at a pressure at least 25 % higher than the C.I.P maximum pressure of 1050 bar authorized for the cartridges loaded and manufactured in the commercial version. The positive proof test achieved, the proof marks which include the specific “fleur-de-Lys” steelshot mark are then applied on the PSS 10 frame, bolt and barrel,

AN OVERPRESSURE 1630 BAR TEST

FEATURES/BENEFITS

FABARM company has established with the Italian National proof house of Gardone Val Trompia to submit the PSS 10 TELESCOPIC shotgun to an additional overpressure test. While the C.I.P. high-pressure test in 12 gauge is carried out at 1320 BAR, the PSS 10 shotguns are subsequently tested with one cartridge developing an overpressure of 1630 BAR. This proof-test successfully superseded, a specific 1630 BAR certificate is established and delivered with each PSS 10.



SAAMI DROP TEST

FEATURES/BENEFITS

The standard selected and applied by FABARM concerning the PSS 10 DROP TEST is the SAAMI standards.

THE PROTOCOL OF THE SAAMI DROP TEST:

With the firearm in the “Safe Carrying“ condition, the firearm shall be capable of passing the below test criteria for drop testing from a height of four feet (1.22 m) onto a 85±5 Durometer (Shore A) rubber mat, one inch thick (2.54 cm), backed by concrete. The mat and concrete shall be large enough so that when the gun is dropped it will fall and come to rest without interference within the perimeter of the mat. The drop height shall be measured from the surface of the rubber mat to the centre of gravity of the firearm. The centre of gravity shall be determined to an accuracy of ± one inch (2.54 cm) by any recognized method for finding the centre of gravity of an irregular shaped object. The firearm shall be re-cocked and reset in the “Safe Carrying“ condition after each drop or a separate firearm may be used for each drop.

CRITERION

The firearm shall not fire a chambered empty primed case of its designated cartridge when tested in accordance with this procedure. Parts breakage or other damage resulting from drop testing does not constitute failure as long as the empty primed case does not fire and the firearm can be unloaded safely after each drop.

TEST PROCEDURE

The shotgun shall be dropped in such a way as to cause them to strike the rubber mat surface in each of the following attitudes: Barrel vertical, muzzle down ; Barrel vertical, muzzle up ; Barrel horizontal, bottom up ; Barrel horizontal, bottom down ; Barrel horizontal, left side up ; Barrel horizontal, right side up.

... SAAMI DROP TEST

The test shall be conducted with the magazine, clip or remaining revolver cylinder chambers fully loaded with SAAMI-compliant gun functioning dummy cartridges and locked in place.

The test have been made with certified copper crusher cylinders that allow a precise micrometric measurement.

As a , we can certify that the PSS 10 TELESCOPIC shotgun fully supersedes the SAAMI drop test.

36 MONTHS WARRANTY PERIOD

The PSS 10 TELESCOPIC shotguns are guaranteed by FABARM S.p.A. for a period of 3 years from the date of purchase by the end user, against manufacturing fault or defective materials. The multi-languages warranty certificate, delivered with the shotguns, serves as the reference to confirm eligibility.

10 YEARS PARTS AVAILABILITY

FABARM S.p.A certifies that installed spare parts or replacement parts availability is at least 10 years from the date of completion of supply. This certification ensures that FABARM S.p.A. maintains also all technical documentation, exploded view and repair instructions for this duration.

ISO 9001 : 2015

FABARM S.p.A. relies on a structured quality management system, compliant with the requirements of the international standard ISO 9001:2015.

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT



Italia

CERTIFICATO

SI ATTESTA CHE / THIS IS TO CERTIFY THAT

IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
THE QUALITY MANAGEMENT SYSTEM OF



FABARM - FABBRICA BRESCIANA ARMI S.p.A

SEDE LEGALE E OPERATIVA:
REGISTERED OFFICE AND OPERATIONAL SITE:

VIA AVEROLDA 31
IT - 25039 TRAVAGLIATO (BS)

SEDI OPERATIVE: VEDI ALLEGATO 1 / OPERATIONAL SITES: SEE ANNEX 1

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNIEN ISO 9001:2015

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE OF APPLICATION

**Progettazione, fabbricazione e assistenza post-vendita di armi
sportive, da caccia e da difesa (IAF 18)**

**Design, manufacturing and after-sales service of sporting, hunting and
defence firearms (IAF 18)**



00077

Per l'Organismo di Certificazione
For the Certification Body
TÜV Italia S.r.l.

Validità **Validity**

Dal / From: **2025-09-30**

Al / To: **2028-09-29**

Data emissione /
Issuing Date

Francesco Scarlata
Direttore Divisione Business Assurance
Business Assurance Division Manager

2025-09-30

"LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SORVEGLIANZA PERIODICA A 12 MESI E AL RIESAME COMPLETO DEL SISTEMA DI GESTIONE AZIENDALE CON PERIODICITÀ TRIENNALE"
"THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF COMPANY'S MANAGEMENT SYSTEM AFTER THREE-YEARS"

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT



Italia

ALLEGATO 1 AL CERTIFICATO NR **50 100 18444**
ANNEX 1 TO CERTIFICATE NO 50 100 18444
pagina 1 di 1 / **page 1 of 1**

IL CERTIFICATO NR 50 100 18444 COPRE ANCHE LE SEGUENTI SEDI OPERATIVE:
THE CERTIFICATE N 50 100 18444 COVERS ALSO THE FOLLOWING OFFICES:



FABARM - FABBRICA BRESCIANA ARMI S.p.A

VIA AVEROLDA 20
IT - 25039 TRAVAGLIATO (BS)

Fabbricazione di armi sportive, da caccia e da difesa (IAF 18)

Manufacturing of sporting, hunting and defence firearms (IAS18)



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CONTROL OF CONFORMITY

After proof-testing, all the PSS 10 TELESCOPIC shotguns are submitted to a final quality control, prior to the delivery to the clients ; it includes the following criteria :

FABARM®		CONTROL OF CONFORMITY PROTOCOL FOR P.S.S.10 SHOTGUNS			
Order /Customer contract:			Technical specification:		
Recipient:			FABARM contact:		
Serial numbers:			External person in charge of the control:		
OP.	PHASE DESCRIPTION	CHARACTERISTIC UNDER CONTROL	CONTROL METHOD	CONTROL FREQUENCY	NOTE
10	SAFETY TEST	Complete C.I.P test at the National Proof House: 2 shots with 1320 BAR cartridges. Supplementary test at the National Proof House: 1 shot with 1630 BAR cartridge.	VISUAL GO/NO GO GAUGES + C.I.P. STAMPS	100%	
20	FUNCTIONALITY TEST WITH FIRING	Firing test with 9 different cartridges: 3 da 28 g, 3 da 32/34 g e 3 da 42/52 g	FUNCTIONAL	100%	
30	FUNCTIONALITY TEST WITHOUT FIRING	Head space values	FUNCTIONAL / GO/NO GAUGES	100%	
40	FUNCTIONALITY TEST WITHOUT FIRING	Firing pin protrusion	GAUGE VER-600087	100%	
50	FUNCTIONALITY TEST WITHOUT FIRING	Extractor position	GAUGE VER-600088	100%	
60	CHOKE TUBE CONTROL	Installation/removal of removable choke tube	FUNCTIONAL	100%	
70	COCKING HANDLE REMOVAL	Removal / Installation of the cocking handle.	FUNCTIONAL	100%	
80	FINAL CHECK COMPLETE SHOTGUN	BNP stamps on barrel, frame and breech bolt	VISUAL	100%	
90	FINAL CHECK COMPLETE SHOTGUN	Label description correspondence vs the shotgun	VISUAL	100%	
100	FINAL CHECK COMPLETE SHOTGUN	Surface finishing (absence of scratches and defaults)	VISUAL	100%	
110	FINAL CHECK COMPLETE SHOTGUN	Barrel / action assembly	FUNCTIONAL AND VISUAL	100%	
120	FINAL CHECK COMPLETE SHOTGUN	Light crisp trigger / functioning	FUNCTIONAL	100%	
130	FINAL CHECK COMPLETE SHOTGUN	Safety features	FUNCTIONAL	100%	
140	FINAL CHECK COMPLETE SHOTGUN	Cartridge unloading mechanism	FUNCTIONAL / INERT CARTRIDGE	100%	
150	FINAL CHECK COMPLETE SHOTGUN	Smoothness of shell/magazine tube spring, cartridge retaining latch functionality	FUNCTIONAL / INERT CARTRIDGE	100%	
160	FINAL CHECK COMPLETE SHOTGUN	Checking the proper functioning of the telescopic stock extension and the different positions of the adjustable comb	FUNCTIONAL	100%	
PREPARED BY:		DATE	RESULT	QUALITY MANAGER APPROVAL	

MULTI-ATTACHMENT POINTS FOR BELT

FEATURES/BENEFITS

Weapon sling can be attached to PSS 10 TELESCOPIC from two (2) points at 9 o'clock to a one (1) point belt with quick detachable metallic hook at 12 o'clock, just replacing the rear sling swivel plate. All the attachment belt plates are in phosphated steel.

TRANSPORT GUNCASE

FEATURES/BENEFITS

The PSS 10 TELESCOPIC is delivered into FABARM genuine packaging. The shotgun case, manufactured in Italy in polypropylene resist to humidity.
Unit Gross weight : 6,7 kg
Single packaging carton : cm. 98x29x9(h)



DATA SHEET

	P.S.S. 10 TELESCOPIC MSG 25'' QTA SIGHTS
TYPE	SEMI-AUTOMATIC, GAS OPERATING
GAS OPERATING SYSTEM	PULSE PISTON
BARREL LENGTH	25''- 63.5 cm
BORE PROFILE	TRIBORE HP
BORE FINISHING	CHAMBER AND BORE ARE CHROME PLATED
BARREL EXTERNAL FINISHING	BLACK NON GLARE
CHOKE TUBE	INNER XL RANGE
FRAME	ALUMINIUM 7075 T6
FRAME FINISHING	CERAKOTE MIL SPEC GREEN COATING
MIL-STD 1913 RAIL	RAIL mm.315 LONG AT 12 O'CLOCK
COCKING HANDLE	OVERSIZED, BLACK ANODIZED
TOTAL CAPACITY	9+1 ROUNDS (with 12/70mm cartridges) ; 8+1 (with 12/76 mm)
MAGAZINE EXTENSION	CERAKOTE MIL SPEC GREEN COATING
STOCK	TELESCOPIC WITH ERGAL BUFFER TUBE
LENGTH OF PULL	6 POSITIONS FROM 250 TO 360 mm
COMPOSITE COMB	ADJUSTABLE FOR 5 DROP POSITIONS
COMB FINISHING	SOFT TOUCH
GRIP AND FOREND	COMPOSITE
GRIP AND FOREND FINISHING	GRIP 3D COATING
REAR SIGHT	QTA RAMP
FRONT SIGHT	ADJUSTABLE FIBRE OPTIC SIGHT
OVERALL LENGTH WITH COLLAPSED STOCK	106.50 cm (with choke tube)
OVERALL LENGTH WITH EXTENDED STOCK	117.50 cm (with choke tube)
CHOKE TUBE PROTRUSION	26.5 mm
SLING SWIVEL ATTACHMENT	AT 9 O'CLOCK
WEIGHT (Empty)	4.20 kg
PROOF TEST	1630 BAR
PROOFING	STEEL SHOT
PACKAGING	POLYPROPYLENE GUNCASE, MADE IN ITALY
ENDOWMENT	ADJUSTABLE GHOST SIGHT IN ERGAL
	FIBRE OPTIC FRONT SIGHT INSERTS
	CHOKE TUBE WRENCH
	WRENCHES