



*Pietro Beretta*

SL&E

 BERETTA



SL2

SL2

A MACHINE DESIGNED TO WIN



**Beauty, innovation**  
and **craftsmanship**  
in a perfect match.

Designed for you.

Unprecedented  
**performance.**

Pure **emotions.**

For those who believe  
that victory is of the essence.



DESIGNED TO WIN



## The ultimate Beretta hypergun.

The apex of Beretta gunmaking knowledge in clay target shooting, combined with the field experience of international pro shooters and the highest craftsmanship of the Pietro Beretta Custom Shop. Futuristic lines and innovative technical solutions come together to create a tailored shotgun, designed to win.



Warning read manual before use  
Beretta USA Corp. Acck MD  
Excelsior H.S.A. steel

SL2

AEROLITE



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**Boss-type locking system**

The shotgun features a variation of the Beretta SO10 Boss-type locking system with a locking lug that fits on the hinge pin height, while the base of the monobloc engages in a slot carved into the base of the action.

**Racing-design detachable trigger group**

As for the legendary DT11, the trigger group is detachable and quickly replaceable, with leaf springs that ensure a clean and even trigger pull at all times. Carbon fiber trigger group can be acquired separately and replaced to the steel standard supply.

**SL2**



**Superior balance**  
The lower Boss-type locking system allowed to thin out the receiver head for wider field of view, but also to enlarge the receiver base and lower the center of gravity of the gun, being even more in line with the hinge pins. All this allows an improved swing and reduced recoil.



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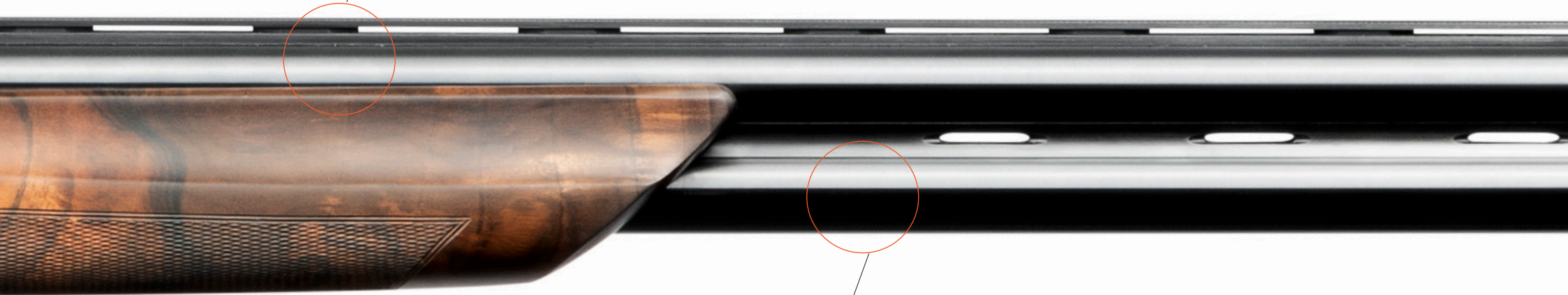
# SL2

## **The best ballistic performance on the market, further improved.**

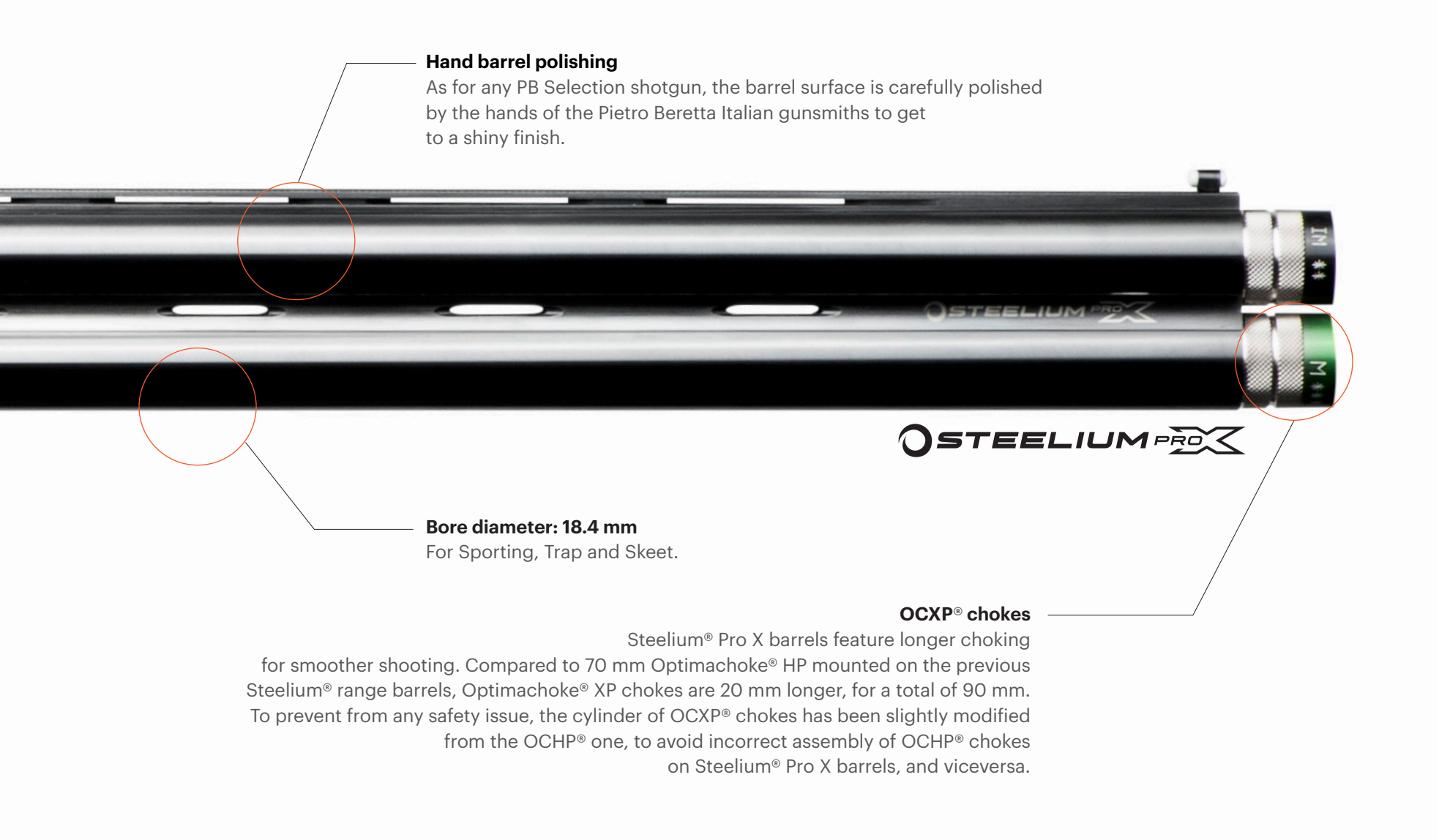
An innovative barrel profile has been specifically designed for SL2, to push the performances of the ultra-tested Beretta Steelium® barrel technology to their ultimate level: the Steelium® Pro X barrels were developed with Beretta professional shooters, featuring an elongated choke fitting compared to the DT11 Steelium® Pro profile for better terminal energy, easier recoil management, optimised shot patterns and better results with steel pellets.

## **The experience of 500 years barrel manufacturing: the Beretta Steelium® technology**

The exclusive tri-alloy Beretta steel (Ni, Cr, Mo), the deep drilling, the cold hammer forging, the vacuum distension and the progressive inner profile with forcing cones provide smoother shots with reduced muzzle rise and guarantees perfect, dense and uniform patterns with any type of ammunition.







**Hand barrel polishing**

As for any PB Selection shotgun, the barrel surface is carefully polished by the hands of the Pietro Beretta Italian gunsmiths to get to a shiny finish.

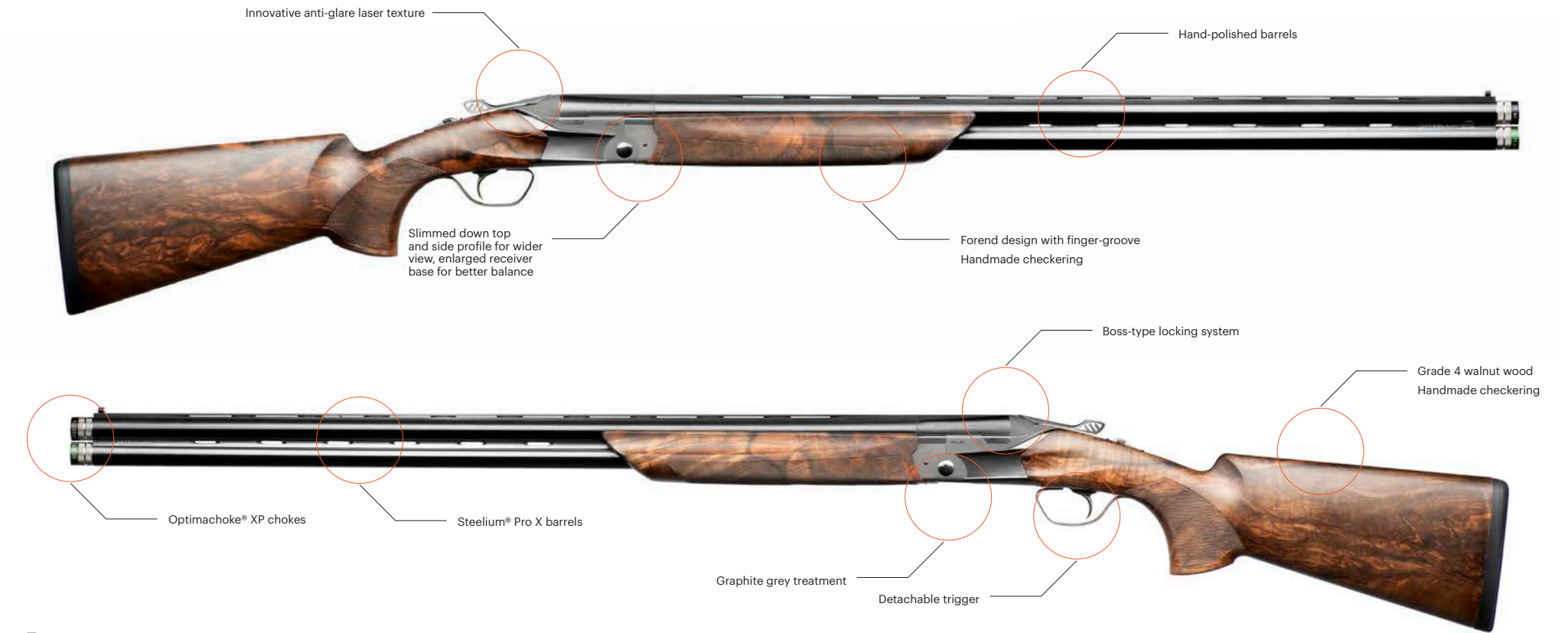
**Bore diameter: 18.4 mm**  
For Sporting, Trap and Skeet.

**STEELIUM PRO X**

**OCXP® chokes**

Steelium® Pro X barrels feature longer choking for smoother shooting. Compared to 70 mm Optimachoke® HP mounted on the previous Steelium® range barrels, Optimachoke® XP chokes are 20 mm longer, for a total of 90 mm. To prevent from any safety issue, the cylinder of OCXP® chokes has been slightly modified from the OCHP® one, to avoid incorrect assembly of OCHP® chokes on Steelium® Pro X barrels, and viceversa.

# SL2



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MODEL	GAUGE	CHAMBER (MM)	BORE DIAMETER (MM)	TRIGGER	SAFETY	BARREL (CM)	TOP RIB (MM)	CHOKES	CHOKE LENGTH (MM)	WOOD GRADE	STOCK/DROP	FOREND	RECOIL PAD
SL2 Trap	12	70	18.4	Detachable	Manual	75 - 76	11X11	**/*	90	4	Fixed (29/39 - 32/42 - 34/44), Headed, On-Measure, B-Fast	SL2, On-Measure	Microcore®
SL2 Skeet	12	70	18.4	Detachable	Manual	73 - 74 - 76	11X9	OCXP	90	4	Fixed (35/56 - 38/60), Headed, On-Measure, B-Fast	SL2, On-Measure	Microcore®
SL2 Sporting	12	76	18.4	Detachable	Manual	76 - 79 - 81	11X8	OCXP	90	4	Fixed (35/56 - 38/60), Headed, On-Measure, B-Fast	SL2, On-Measure	Microcore®

## Details matter.

Pietro Beretta master craftsmen inherited centuries of the finest Italian gunsmithing art, passed down for generations in Gardone Val Trompia. Starting from the finest raw materials and the solid and innovative engineering base of PB Selection products, gunsmiths, wood makers, engravers and gun case makers work in a perfect balance to master their art and create unique firearm pieces.

Pietro Beretta Selection products are subjected to an in-depth control of the supply chain right from the raw material, they are assembled "in white", before all parts are finished, so that once the refining is complete, we have a perfect fit.

The innovative attitude and the industrial reliability of the oldest and one of the biggest firearm manufacturers in the world provide PB Selection works of art with the technical performances guaranteed to a military firearm. The massive research and development is constantly working on new products and technical features, but also exploring new materials, textures, coatings and designs, shaping every PB product into the next cutting-edge object.



# How to improve the best ballistic technology?

The ceaseless pursuit of perfection, the performance of Beretta athletes, the feelings of the shooters together with the market feedback, and the empirical evidence (phonebook shooting) already confirmed that Steelium® and DT11 Steelium® Pro barrels provide the top of ballistic performance.

With Steelium® ProX on SL2, Beretta wants to further advance in its barrel technology not following the market trends, but always charting new courses in performance.

How to objectify all the perceptions coming from the shooters?

- Identify the features that make a barrel profile better than another one.
- Develop a method to objectively measure these features.
- Improve Beretta current barrel profile range, based on the results of these measurements.

\*All the tests were performed evaluating results with a complete range of cartridges available on the market and also testing different barrel profiles on the same firearm model.





THE 3 MAIN FEATURES FOR A SUPERIOR BALLISTICS

# What makes a barrel better than another?

## Terminal energy

A smaller diameter of the forcing cone allows a better terminal energy, a recoil reduction and better performances with felt fiber wad. Higher is the kinetic energy of the pellets when they hit the target, higher is the possibility to break it. How to estimate the strength of a shot when it's smashing a clay?

## Shot pattern

Everyone tried to shoot a phone book or a paper sheet to estimate a shot pattern, but that is only the 2D result you see on a static target. A consistent shot pattern is made by multiple elements: the pattern shape, the distribution of pellets in the shot cloud, the speed of each pellet and of every portion of the pattern, and many others. How to analyze all these variables in a scientific way?

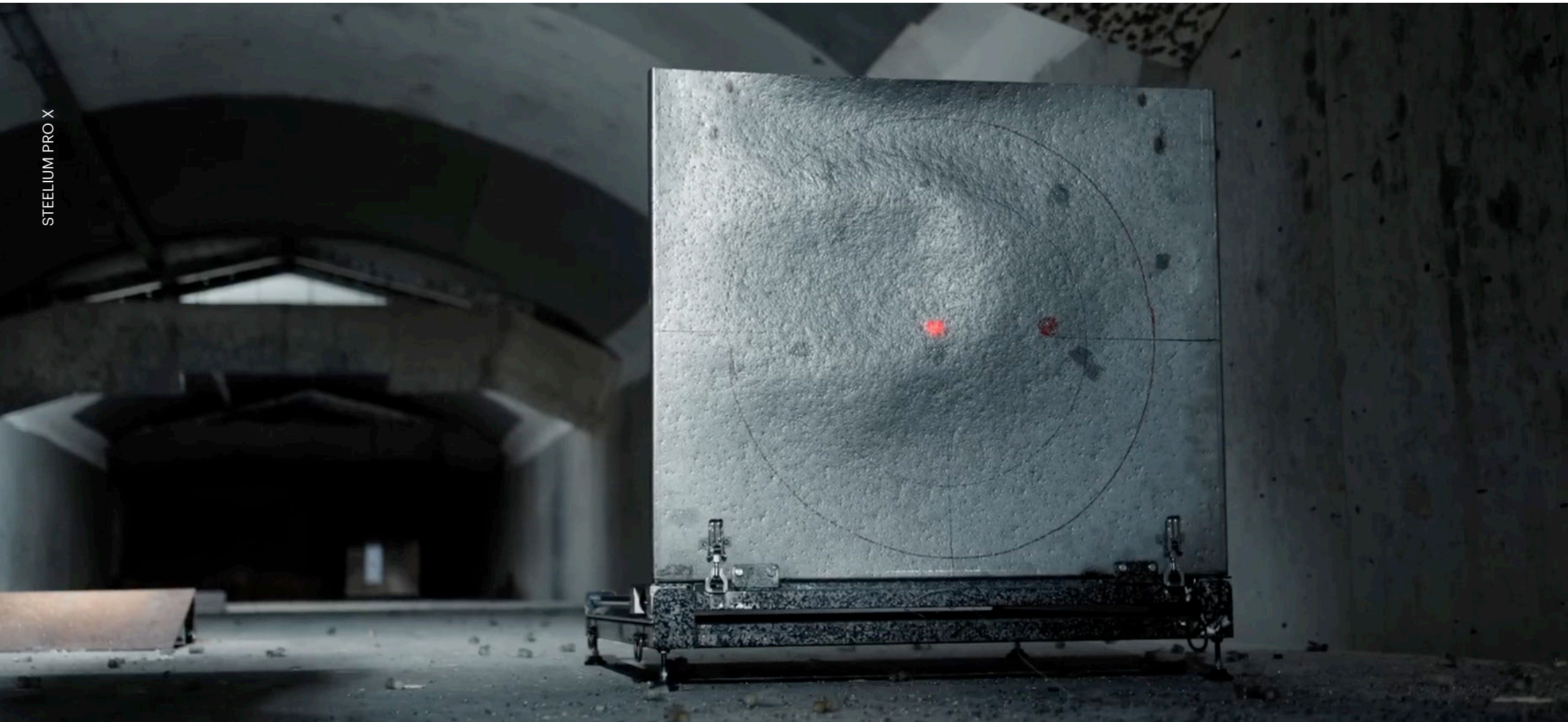
## Recoil management

Less recoil means not only comfort, but also better control of the gun and of the muzzle rise. Shooters have different feelings on recoil, depending on their shouldering style. How to define it objectively?



# How to benchmark terminal energy?

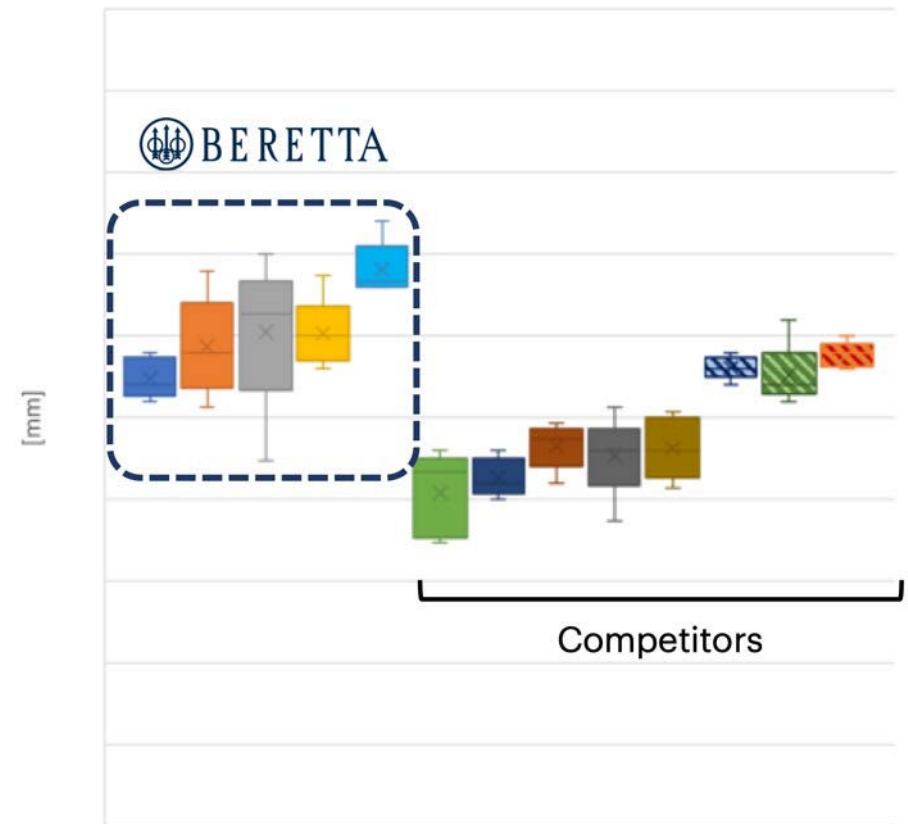
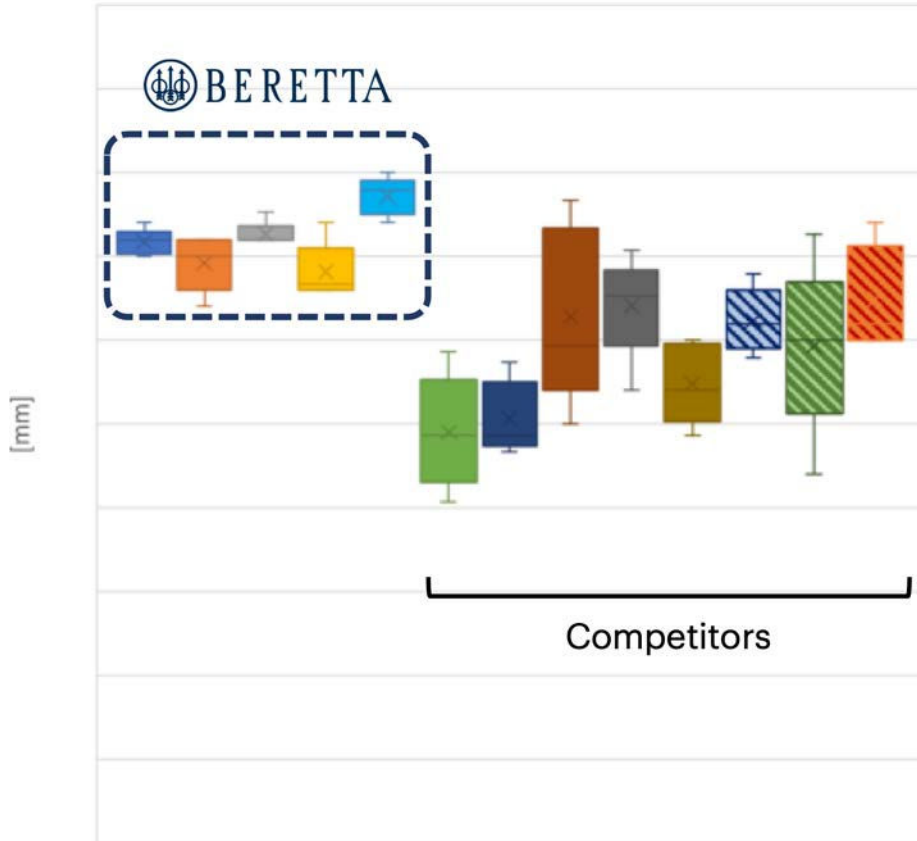
By using a low friction sliding barrier, it is possible to estimate the energy transferred from the moving pellets cloud to the target, by measuring the linear retreat of the metallic plate at each shot.





Comparison of barrier linear retreat  
35 mt from the shooting position  
Fiocchi Black, 28g lead, 7.5

Comparison of barrier linear retreat  
35 mt from the shooting position  
Fiocchi Steel, 28g steel, 7

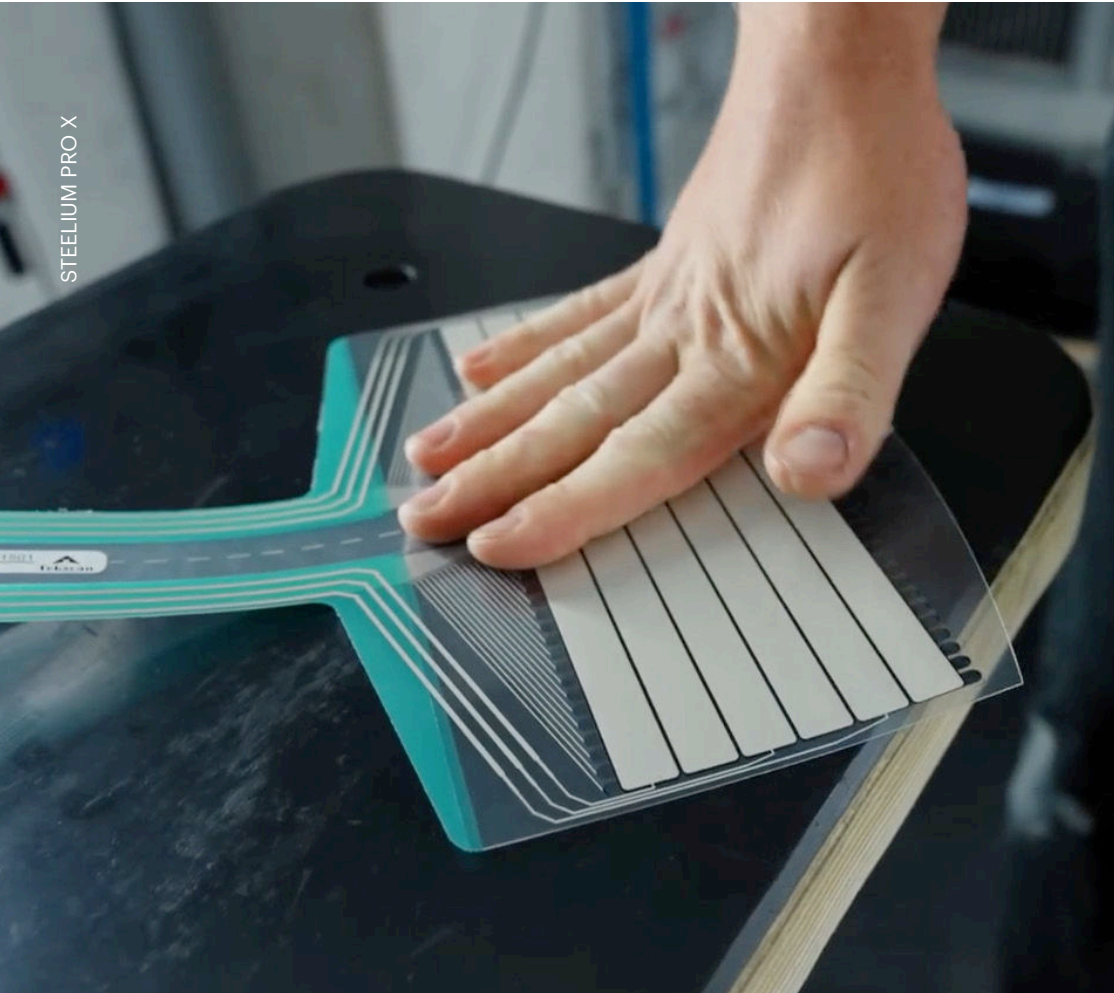


The test proves Beretta guns with Steelium® barrels and the Steelium® Pro X barrel profile have the highest terminal energy on the target, compared to all main competitors on the market.



## How to objectively define recoil?

By using pressure sensors and load cells, we can measure the felt recoil directly on the shooter's shoulder. The shots result in a heat map showing the strength of recoil in the different areas of the shoulder (red where the recoil is more, blue where the recoil is less).

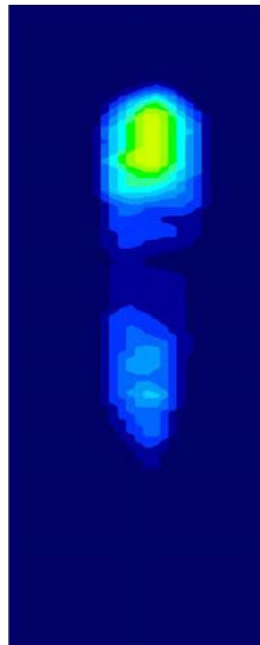
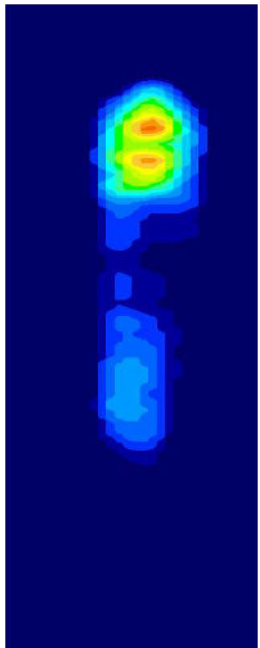




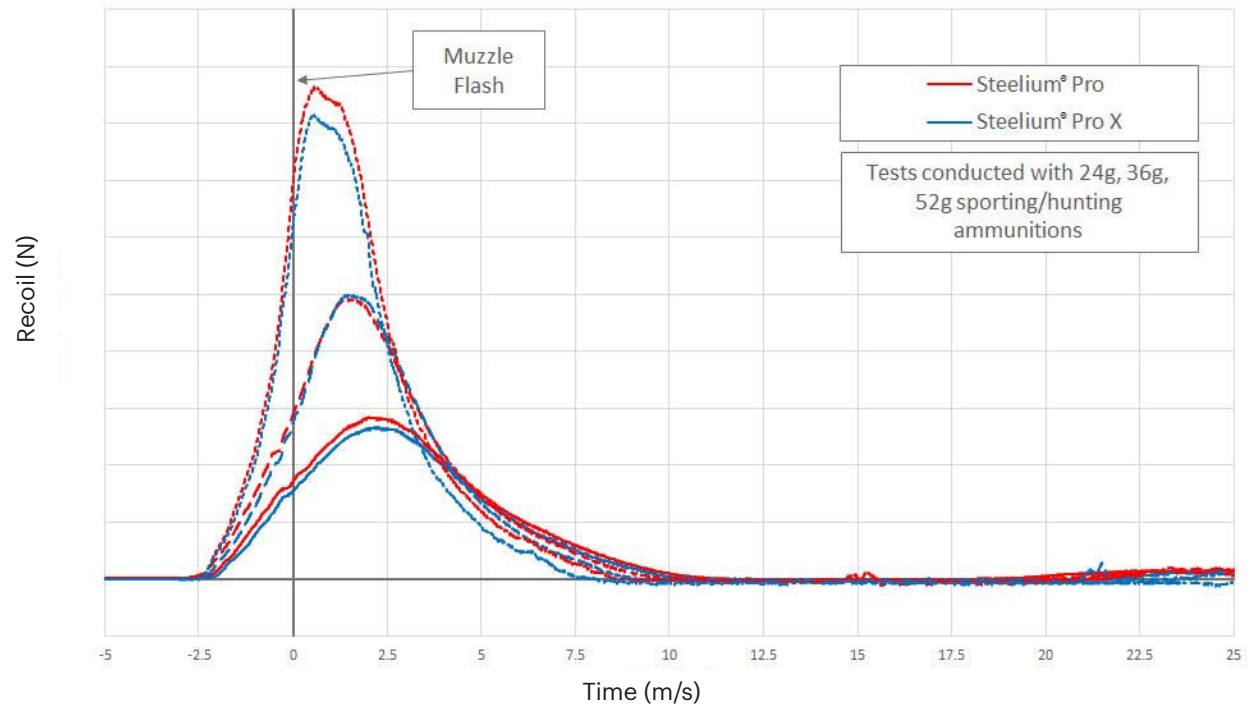


STEELIUM PRO

STEELIUM PRO X



## Steelium® Pro vs Steelium® Pro X - recoil measurement

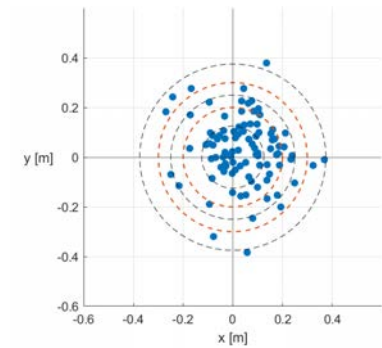
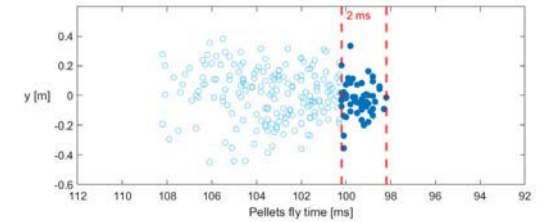
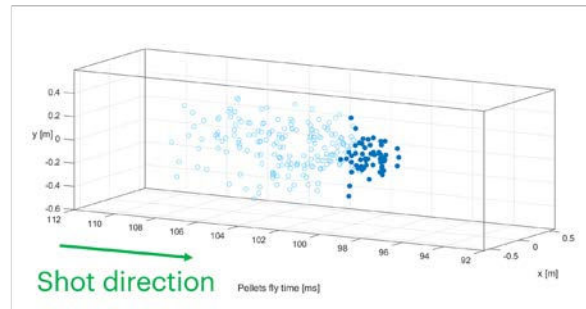


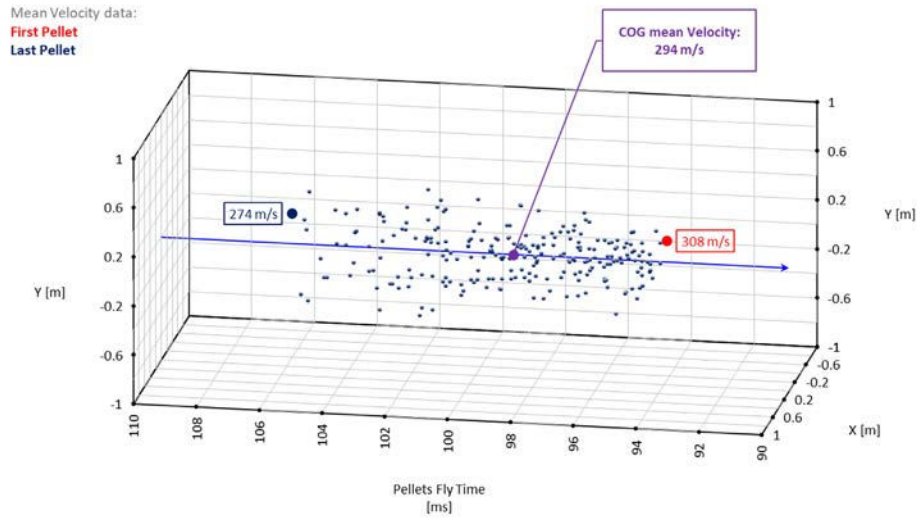
The heat map resulting from the sensor tests showed that Steelium® Pro X brings a further improvement in recoil reduction compared to the already high performing Steelium® Pro. The tests were repeated with a wide range of cartridges available on the market.

# How to measure a shot pattern?

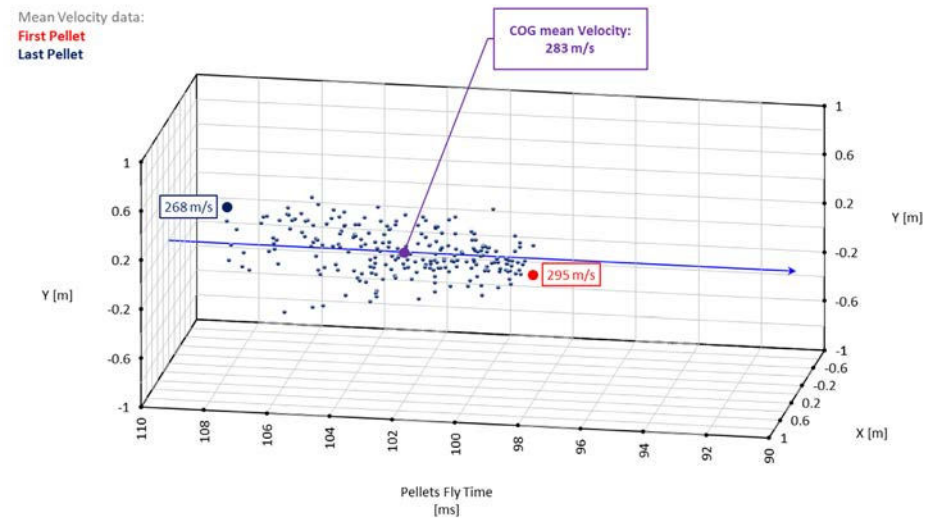
Using a method combining high-speed camera video and computer vision algorithms that allowed us to have a 3D representation of the shot cloud at a certain distance and to estimate the average kinematics of the pellets during the trajectory, the average energy of each single pellet, the energy of the entire cloud. Thanks to the new technologies, over 10.000 images of 10.000 pellets have been processed.

STEELIUM PRO X





B&P F2 Legend, 24g, lead, Pb 7 ½, plastic wad



Clever Mirage Pro Extra, 24g, lead, Pb 7 ½, plastic wad

It is possible to better investigate the consistency of the shot cloud with a 3D density assessment in different regions of the pattern, before and after elongation, together with the average speed of each pellet, and countless other possible evaluations. By “cutting” the shot cloud in slices (i.e. 2 ms wide), we can clearly see that the Steelium® Pro X maintains consistency throughout the entirety of the shot.

The logo features a stylized white circle on the left, followed by the word "STEELIUM" in a bold, italicized sans-serif font. To the right of "STEELIUM" is the word "PRO" in a smaller, regular sans-serif font, and further right is a large, stylized "X" composed of multiple parallel lines, giving it a metallic or industrial appearance.

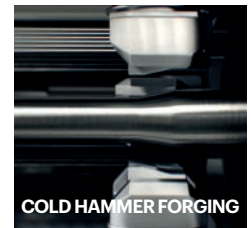
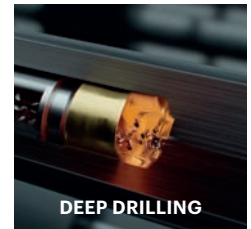
**STEELIUM** PRO X



TECHNOLOGIES

# Steelium®

The range after the Steelium® Pro X



ULTIMATE BALLISTIC PERFORMANCE

\* The indicated lengths are based on 76 cm barrels.

# SL2



## Wider view on the target

The cutting-edge lines of the receiver have been reduced to the essential and enriched by a revolutionary anti-glare texture. These laser-engraved micro pyramids were developed to break the light, while the absence of shoulders and the lower top lever allow an enhanced view of the target. The lines of the stock blend seamlessly into the design of the contemporary receiver, following its fluid lines and providing major visibility on clays with lateral trajectories.

## Customizable top lever



Solid



Hollow



3 arrows

## Grade 4 selected walnut wood

Checked by hand on both pistol grip and forend.





Warning: read manual before use  
Beretta USA Corp. Ackk. MD  
Excelsior H.S.A. steel

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**Mirror-finish parts**  
Polished by hand

**Design from the future**  
Contemporary racing lines seamlessly blend receiver, stock and forend, making SL2 the hypercar of shotguns, both functionally and aesthetically.

**Graphite grey surface treatment**  
with a blend of matte and mirror hand-polished surfaces.

# SL2



Wood upgrade to class 5

## Made-to-measure stock

- Shaped on the shooter's size
- Customizable checkering
- Choice of oil finish: natural, glossy, Tru-Oil®



## Replaceable carbon fiber trigger group

Housing and trigger guard are completely made of carbon fiber, for a better balance on the receiver.



# Customization options



## Made-to-measure forend

- Shaped on the shooter's size
- Customizable checkering
- Choice of oil finish: natural, glossy, Tru-Oil®

## Customizable gun case

Crafted by hand in the PB Selection Gun Case Atelier: choose external and internal fabric, stitching color, smallware and dedicated details.



# SL2

## We are pushed by the desires of shooters

Like every Pietro Beretta Selection firearm, SL2 is available for special orders with unlimited customization options.

Any PB product is made-to-measure for the shooter, both in terms of ergonomics and aesthetics.

The workshop where the Pietro Beretta firearms are created represents the “tailor’s shop” of Beretta, where each piece is crafted following individual desires, making it unique.

When someone comes to us with a dream, they take part into its realization step by step: this co-creation process leads to the generation of PB Selection one-off projects, unique pieces of art whose unique style and uncompromising quality suit their owner’s identity, whether it’s traditional, unconventional or contemporary and high-tech.

SL2





# Special make

## Customized hinge pins

These remind of the owner's favourite car rims, but possibilities are unlimited

## Carbon fiber stock and forend

The racing and modern look of carbon, keeping the careful attention to compensate the weight difference with wood, in order to keep the perfect gun balance required for the shooting activity.

## Customized engraving

## Diamond-like Carbon surface treatment

DLC transfers to steel many of the beneficial properties commonly associated with natural diamonds, i.e hardness and resistance to chemicals and scratches. Already used in automotive, medical, and racing, DLC is now the most durable, innovative, and environmentally friendly coating, its black look turns any product into a contemporary design object.





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