



*Pietro Beretta*

SL2

 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.





## **The ultimate Beretta hypergun.**

The pinnacle of Beretta's gunmaking expertise in clay target shooting, combined with the 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.





DESIGNED TO WIN





SL2

#### **Boss-type locking system**

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

#### **Racing-design detachable trigger group**

Just like the legendary DT11, the trigger group is detachable and quickly replaceable, with leaf springs ensuring a clean and even trigger pull at all times. A carbon fibre trigger group is also available to purchase separately.

# SL2

### Superior balance

The lower Boss-type locking system has allowed us to thin out the receiver head for a wider field of view. Additionally, it enlarges the receiver base and lowers the centre of gravity of the gun, aligning it more closely with the hinge pins. These adjustments enable an improved swing and reduced recoil.



# 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 lead and steel pellets.

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

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





### Hand barrel polishing

As with any PB Selection shotgun, the barrel surface undergoes careful polishing by the skilled hands of Pietro Beretta's Italian gunsmiths to achieve the perfect finish.

### Bore diameter: 18.4 mm

For Sporting, Trap and Skeet.

**STEELIUM PRO X**

### OCXP® chokes

The Steelium® Pro X barrels feature longer choking for smoothness shooting. Compared to the 70 mm Optimachoke® HP mounted on previous Steelium® range barrels, the Optimachoke® XP chokes measure 20 mm longer, totalling 90 mm. To prevent any safety issues, slight modifications have been made to the cylinder of OCXP® chokes compared to the OCHP® ones. This adjustment ensures the correct assembly of OCXP® chokes on Steelium® Pro X barrels and prevents incorrect assembly of OCHP® chokes, and vice versa.

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STANDARD CONFIGURATIONS

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 DLC 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 DLC 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 DLC Sporting	12	76	18.4	Detachable	Manual	76 - 79 - 81	11X8	OCXP	90	4	Fixed (35/50 - 35/56 - 38/60), Headed, On-Measure, B-Fast	SL2, On-Measure	Microcore®



## Details matter.

For centuries, the master craftsmen of Pietro Beretta have inherited the finest Italian gunsmithing traditions passed down through generations in Gardone Val Trompia. Using only the highest quality raw materials as their foundation, the PB Selection expertly combines innovative engineering with artisanal skill. Skilled gunsmiths, woodworkers, engravers and gun case makers work in perfect harmony, applying their artistic mastery to create truly unique firearm pieces.

Every PB Selection product undergoes rigorous supply chain control from the raw materials through to assembly in an unfinished “white” state. This allows for immaculate final finishing once all components achieve a flawless fit.

The innovative attitude and industrial reliability of one of the world’s oldest and largest firearm manufacturers guarantee PB Selection works of art with military-grade technical performance. Extensive research and development continually explore new products, technical features, new materials, textures, coatings, and designs, shaping each PB product into the next cutting-edge piece.



# How to improve the best ballistic technology?

The ceaseless pursuit of perfection, the performance of Beretta athletes, the feedback from shooters, and empirical evidence, such as phonebook shooting, have already confirmed that Steelium® and DT11 Steelium® Pro barrels provide top ballistic performance.

With Steelium® ProX on SL2, Beretta aims to further advance its barrel technology, not following market trends, but continuously exploring new performance paths.

To objectify all the perceptions coming from shooters?

- Identify Key Features that make one barrel profile superior to another.
- Develop standardised methods to objectively measure these features.
- Utilise the results of these objective measurements to improve Beretta's current barrel profile range.

*\*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

Better terminal energy, less recoil, and improved felt fibre wad performance are all made possible by a forcing cone with a smaller diameter.

Higher kinetic energy of the pellets when they hit the target, higher the possibility to break it. How to estimate the strength of a shot when it's smashing a clay?

### Shot pattern

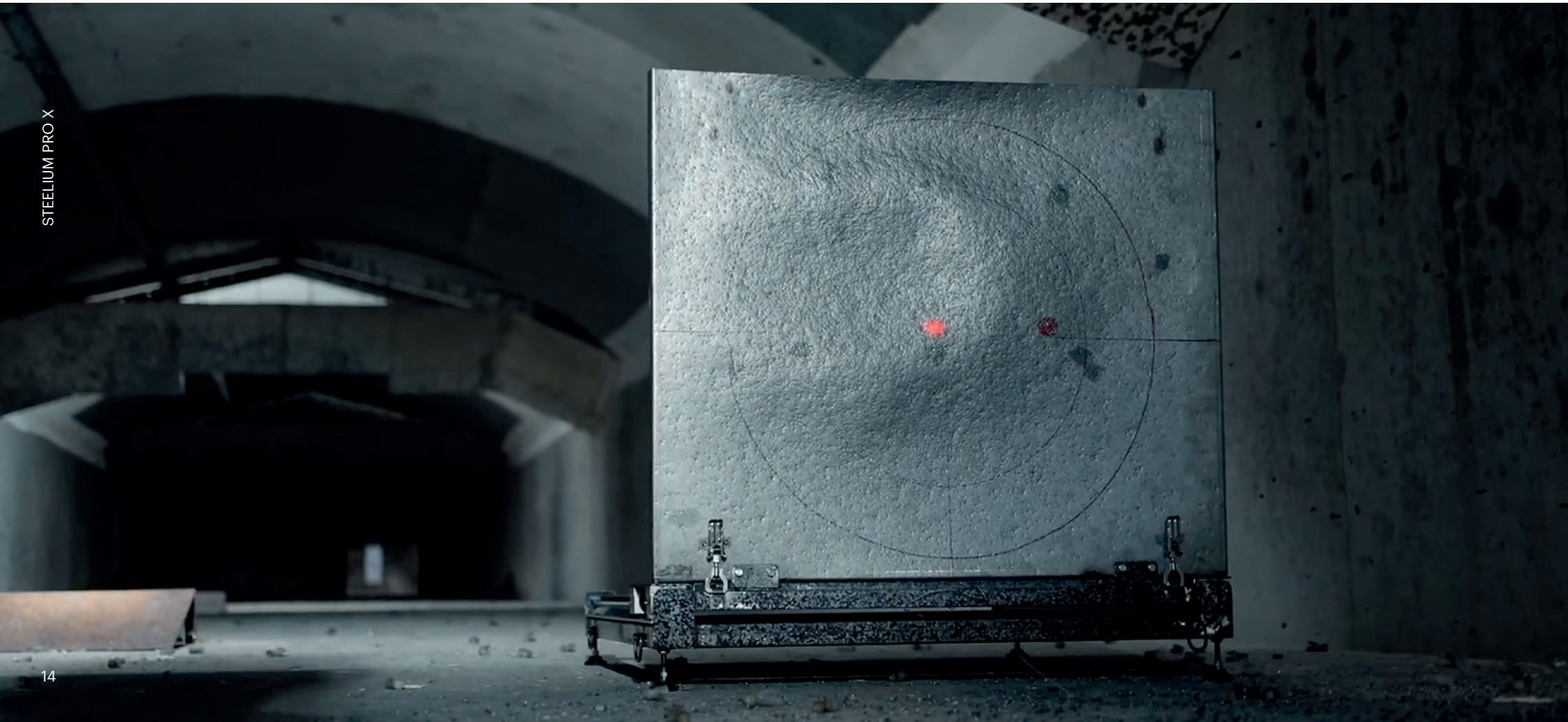
Everyone tried to shoot a phone book or a paper sheet to estimate a shot pattern, but that is only the 2D result you see on a static target. A consistent shot pattern is made by multiple elements: the pattern shape, the distribution of pellets in the shot cloud, the speed of each pellet and of every portion of the pattern, and many others. How to analyse 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 flip. Shooters have different feelings on recoil, depending on their shouldering style. How to define it objectively?

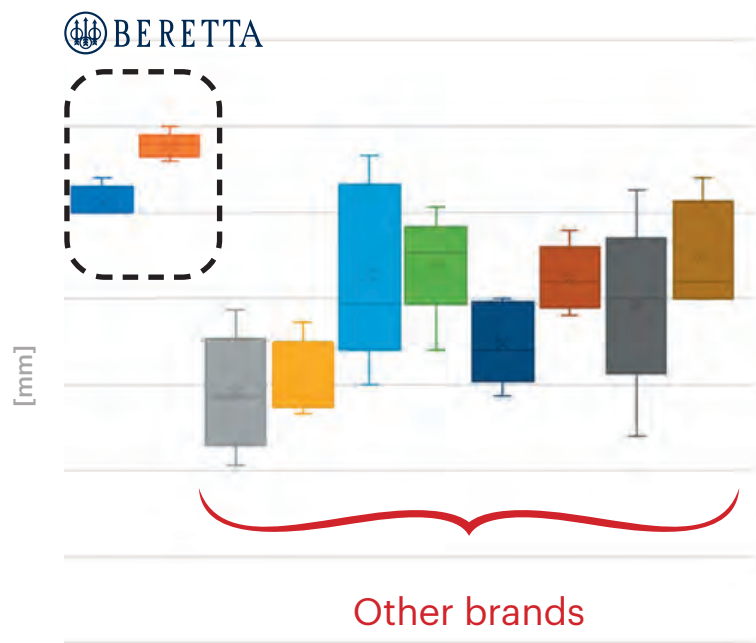
# How to benchmark terminal energy?

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.

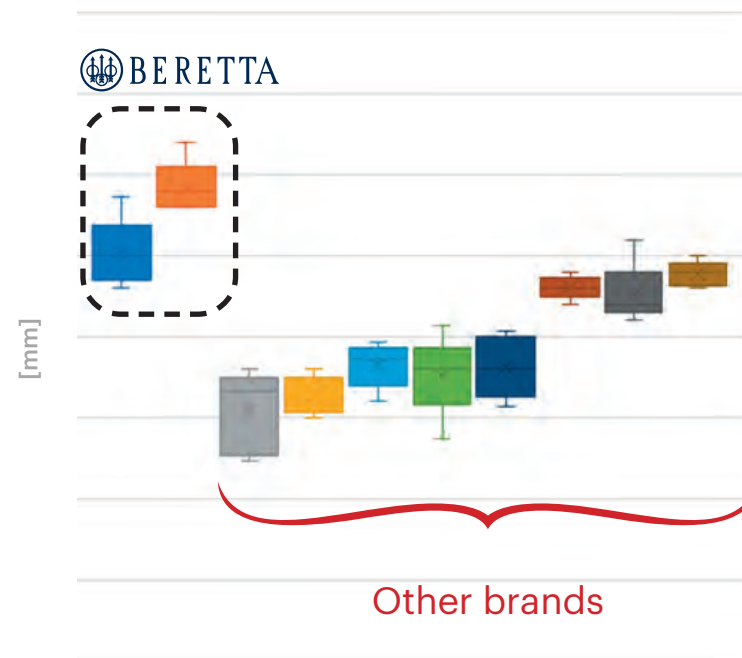




Mobile Barrier retreat comparison  
Barrier at 35 m from shooting position  
Fiocchi Black, 28g, Lead shot, Pb 7.5



Mobile Barrier retreat comparison  
Barrier at 35 m from shooting position  
Fiocchi Steel, 28g, Steel shot, Pb 7



The test proves Beretta guns with Steelium<sup>®</sup> barrels and the Steelium<sup>®</sup> 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).



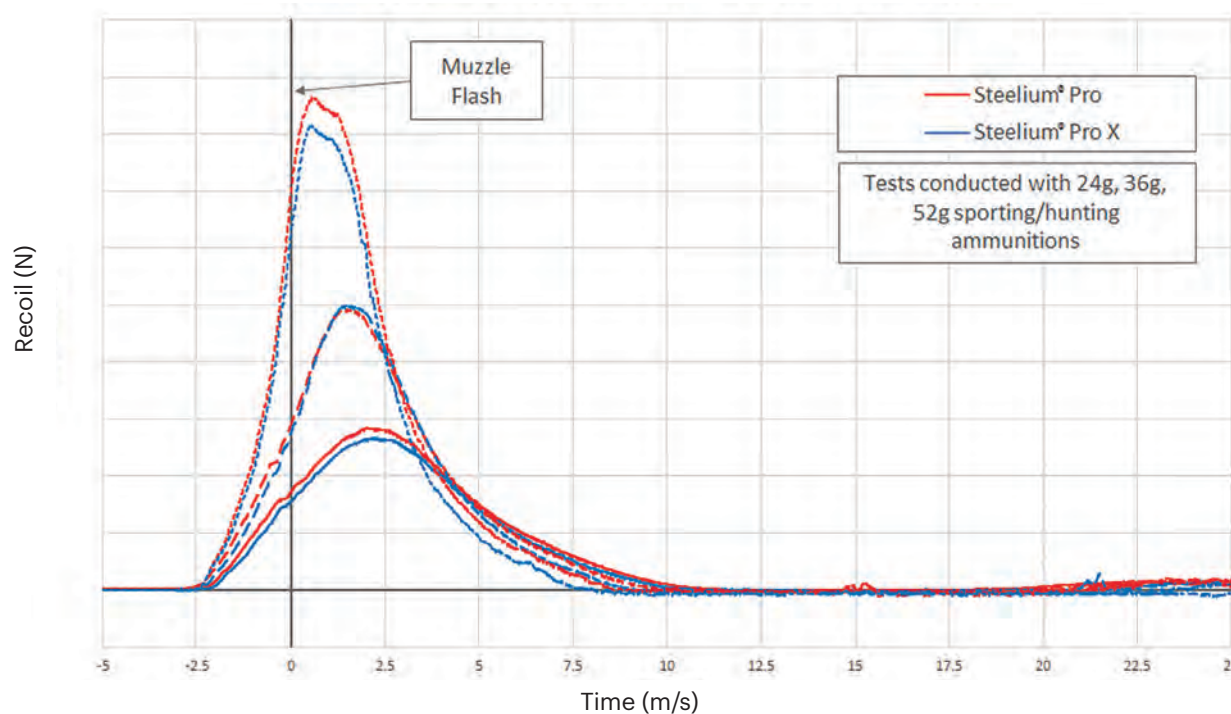


STEELIUM<sup>PRO</sup>

STEELIUM<sup>PRO</sup>X



## Steelium<sup>®</sup> Pro vs Steelium<sup>®</sup> Pro X - recoil measurement

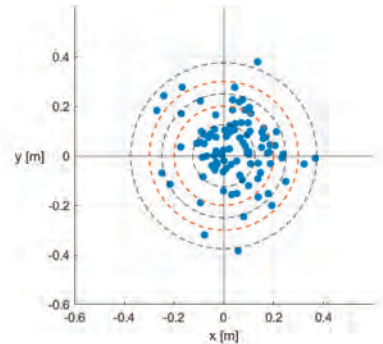
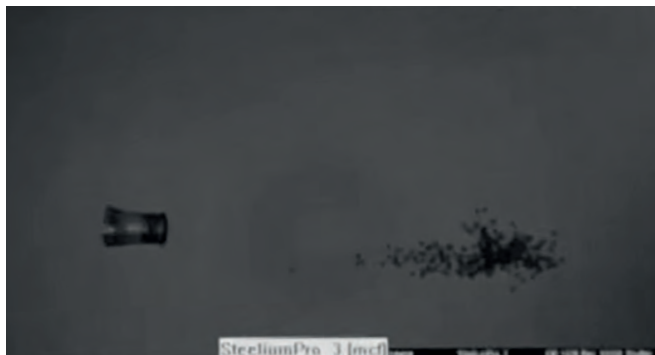
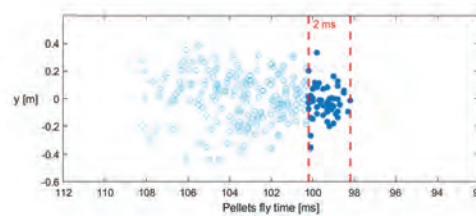
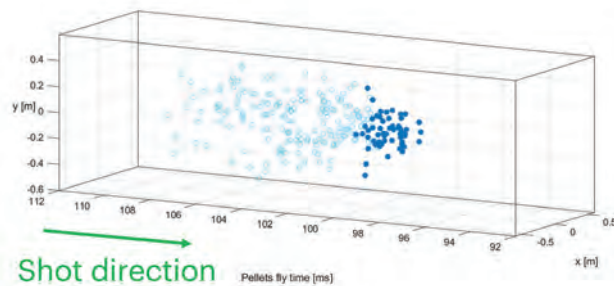


The heat map resulting from the sensor tests showed that Steelium<sup>®</sup> Pro X brings a further improvement in recoil reduction compared to the already high performing Steelium<sup>®</sup> Pro. The tests were repeated with a wide range of cartridges available on the market.

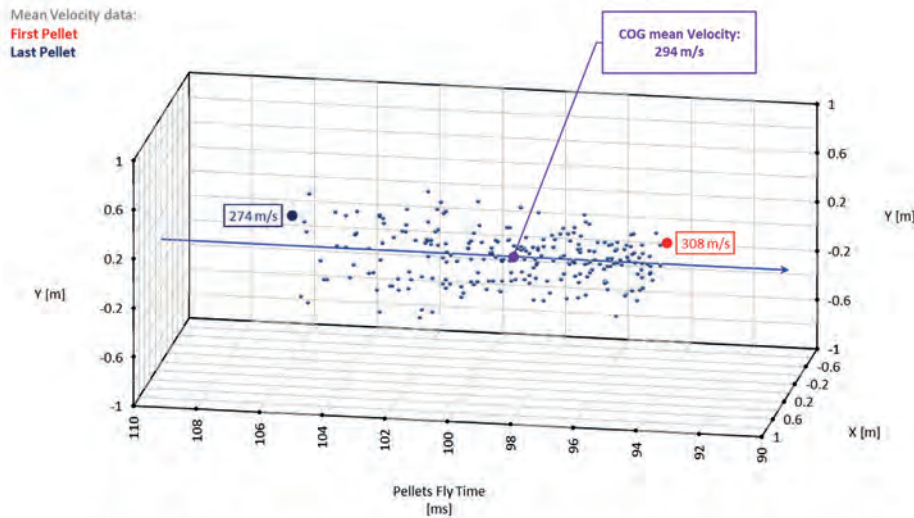
# How to measure a shot pattern?

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.

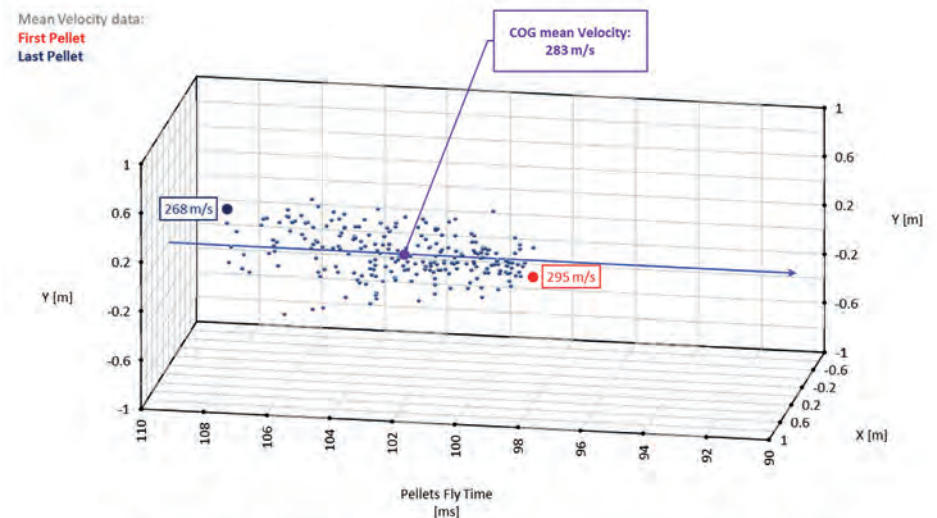
STEELIUM PRO X







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.



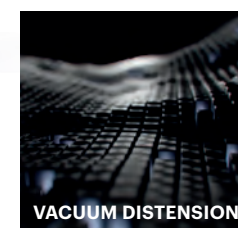
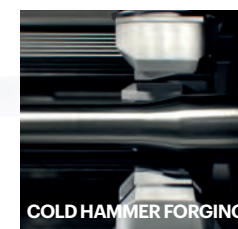
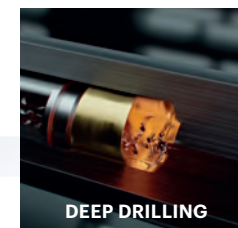
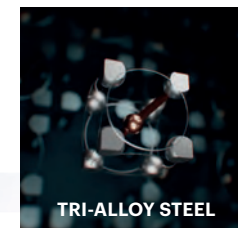




## TECHNOLOGIES

# Steelium®

The range after the Steelium® Pro X



ULTIMATE BALLISTIC PERFORMANCE

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

# SL2



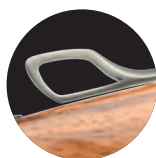
## Wider view on the target

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.

## Customisable top lever



Solid



Hollow

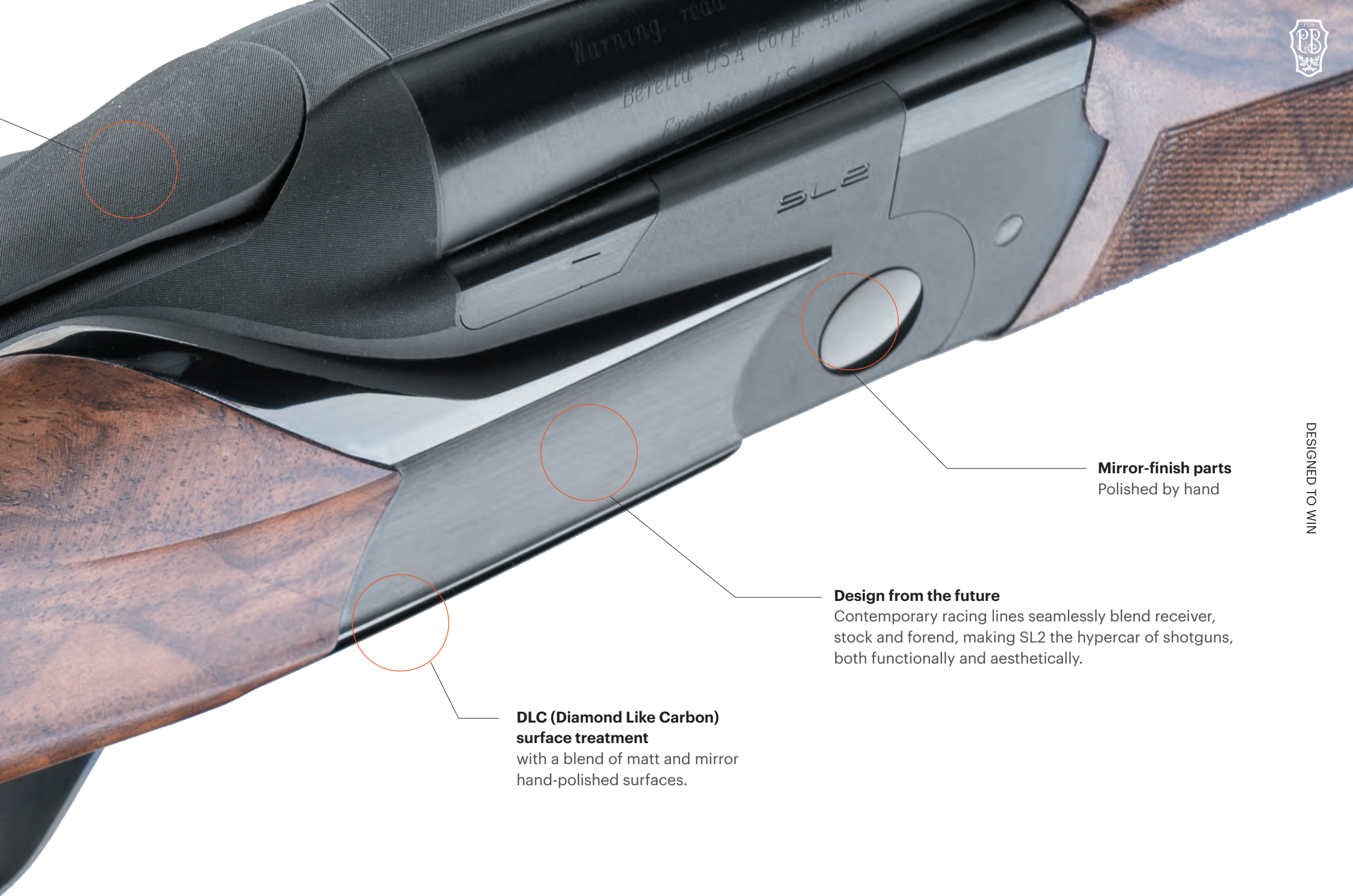


3 arrows

## Grade 4 selected walnut wood

Checked by hand on both pistol grip and forend.



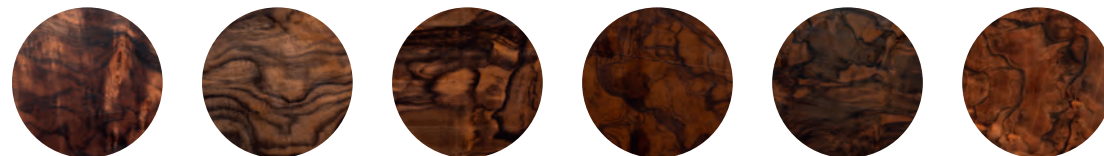


**Mirror-finish parts**  
Polished by hand

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

**DLC (Diamond Like Carbon) surface treatment**  
with a blend of matt and mirror hand-polished surfaces.

# SL2



Wood upgrade to class 5

## Made-to-measure stock

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



## Replaceable carbon fibre trigger group

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

# Customisation options



## Barrel finish

Standard barrel is shiny, alternative finishes are available in mirror hand-polished or matt black.

## Made-to-measure forend

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

## Customisable gun case

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





# SL2

## We are inspired by the desires of shooters

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



# Special order

**Customised hinge pins**  
Unlimited customisation options.

**Carbon fibre stock and forend**  
The modern, racing appearance of carbon fibre, combined with careful attention to wood-based weight compensation, maintains the ideal gun balance required for shooting.

**Customised 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 iconic pattern turns any product into a contemporary design piece.





*Pietro Beretta*

# SL2



BERETTA PB DEALERS			
Bamfords	Lancashire	01257 451274	<a href="http://www.bamfordguns.co.uk">www.bamfordguns.co.uk</a>
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Hollow Farm Shooting Ground	County Down, NI	02897 528381	-----
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Rob Hall Shooting Supplies	Yorkshire	01430 861065	<a href="http://www.thegun-room.co.uk">www.thegun-room.co.uk</a>
The Sportsman Gun Centre Ltd	Devon	01392 354854	<a href="http://www.sportsmanguncentre.co.uk">www.sportsmanguncentre.co.uk</a>
Urbalshinny Sporting Lodge	County Tyrone, NI	02880 758395	<a href="http://www.urbalshinnysportinglodge.co.uk">www.urbalshinnysportinglodge.co.uk</a>

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