



AMERICAN PREMIERE FOR TOURING BERLINETTA LUSSO AT QUAIL LODGE

- **Touring Berlinetta Lusso reaches the Golden State for its US debut.**
- **Craftmanship is the motto: more than 5000 hours of highly skilled work to hand build the Ferrari F12-based masterpiece of the Italian *carrozzeria*.**
- **The chance to prove if *Azzurro Nioularge* exterior paint matches with the color of the sea facing Carmel.**

With the 13th edition of “The Quail, A Motorsports Gathering” set to take place in Carmel, California, August 14th, the *Touring Berlinetta Lusso* will touch the American ground for the first time.

Heir of the Italian coachbuilding tradition of Carrozzeria Touring Superleggera, established in Milan in 1926, the *Touring Berlinetta Lusso* bewitched the crowd at launch, on the stage of the 85th Geneva Motor Show and the lawn of the 2015 Concorso d’Eleganza Villa d’Este.

The *fuoriserie* based on Ferrari F12, manufactured in a limited series of 5 units, is a two-seater three-box coupe, whose shape can only be achieved through manual beating of aluminum panels. The *Touring Berlinetta Lusso* embodies essentiality, elegance and well-mannered power. Some traits are inspired by the Ferrari 166MM Touring, one of the first Ferrari destined to the road.

«Until the 40s top-notch carmakers produced the rolling chassis while coachbuilders were entrusted to dress the body, according to the customers’ needs» Piero Mancardi, Touring Superleggera’s CEO states. *Then they converted to mass production too. However, at Touring we have brought tailor-made cars to life again. Nowadays, knowledgeable collectors can order their own bespoke car, uniquely molded on them. This is the work we have always done. We are a dream factory.>>*

Touring Berlinetta Lusso

The *Touring Berlinetta Lusso* is a street legal 2-seater coupe, fulfilment of the desire of a passionate Ferrari collector to have his own F12 dressed up. The tailor-made, lavish coupe in the purest spirit of Italian *carrozzeria* features a three-box architecture, a statement of luxury in itself. The *Touring Berlinetta Lusso* takes inspiration from the golden era of Italian *fuoriserie* with proportions we are not anymore used to.

The opulence is expressed by the apparent separation of volumes: a long bonnet evoking the powerful V12 engine, a cockpit resolutely designed for two, the discrete trunk for precious luggage.

There are evident Touring traits in the surface treatment, like the waistline edge springing from the front wheel arch and embracing the body till its muscular rear. This shape can only be reproduced by craftsmen who form aluminum sheets by hand.



Chassis, engineering and production process

The *Touring Berlinetta Lusso* shares the F12berlinetta rolling chassis, whose outstanding mechanical, electrical and electronic equipment and powertrain are untouched.

Before any action in the building phase is taken Touring performs accurate investigations aimed at respecting or improving the original car's performance and quality and obtaining homologation.

A typical research involves FEM of the structural subsystems, while aerodynamics is assessed through Computational Fluid Dynamics with special attention paid to maintain the rear train downforce.

In addition, every single part including connections between chassis and body is CAD designed to guarantee quality and lack of vibrations.

Like any car manufacturer, a bill of materials and a detailed manufacturing cycle are filed together with parameters that indicate quality standards. Accurate surfacing and digitally controlled assembly tools are used for three-dimensional positioning of body parts, symmetry and gap measurement. This process allows matching surfaces and ensure less than 0.08 inches tolerance in each single surface point of the finished car.

Aluminium and carbon fibre

Although Touring Superleggera gained recognition for mastering hand beaten aluminium, the bodywork combines aluminium and carbon fibre panels to save weight.

In the preliminary study, early consideration is devoted to the analysis of the ultimate materials in terms of weight reduction, stiffness, quality of surface and ease of repair in the event of damage.

Touring Superleggera choose carbon for the bonnet, front bumper, skirts, tailgate, front splitters and rear diffuser. The structure of the fibres is investigated to optimize the weight/stiffness ratio. For the best accuracy and quality, every CFRP element is autoclave cured at 248° F, while the bonnet features special pre-preg and treatment to resist high temperature.

Aluminium panels are hand-beaten at Touring Superleggera using a 1:1 manufacturing buck made of epoxy, replicating the zero-surface with offset equal to the panels' thickness.

Touring's engineers and artisans devote to each manufactured unit 5000+ hours of highly skilled work. The human touch and painstaking care of each detail will always mark the difference from series production.

The whole process is run in the Touring Superleggera atelier nearby Milan.



TECHNICAL SPECIFICATIONS

Dimensions

Length: 184.7 in
Width: 81.9 in
Height: 50.7 in
Wheelbase: 107.1 in
Weight: 3627 lb
Boot volume: 49.4 gal
Fuel tank capacity: 24.3 gal

Engine

Cylinders/ type: V12, 65°
Cubic capacity: 382.1 in³
Nominal output: 731 bhp at 8250 rpm
Maximum torque: 508.9 lbf ft at 6000 rpm

Fuel consumption

Combined ECE : 15.7 mpg
CO2 emissions (combined ECE): 19.87 oz/mi

Driveline

Rear wheel drive, 7-speed, electroactuated sequential gearbox with paddle-shift control and automatic mode.

Wheels

Tyres: Michelin Super Pilot front 255/35 ZR20 ; rear 315/35 ZR20
Wheel type: Aluminium forged wheels

Performance

Top speed (est.): over 211 mph
Acceleration (est.) 0-62 mph: 3.1 sec



Coachbuilder in 2015

“Tailor made, hand made” is Touring Superleggera’s credo to respond to an increasing need of distinctiveness, customization and exclusiveness coming from all over the world. Touring Superleggera grants immediate feasibility beyond the limits of series-production allowing the design department to be free, obeying only to what the customers desire.

Today, however, creativity is not enough to design and coach build beautiful body shapes. In order to be produced, even a *fuoriserie* needs to meet the standards for quality, safety and functionality of every other mass produced car. Actually, it shall exceed these terms aiming at excellence in every single detail, exuding quality in design, execution and materials.

This is nowadays possible thanks to state-of-the-art engineering techniques allowing accelerated design and test on parts, accessories and systems. Even the most skilled hands cannot perform at the level we require if not supported by computer technology, tooling and modern processes.

Touring Superleggera stands out in the industry landscape for its unique capability of completing the whole cycle from the initial sketches till the delivery of exclusive cars under the same roof. Exposed to the vibrant atmosphere of Milan, it epitomizes the design and luxury values of *Made in Italy*.

Touring Superleggera believes that coachbuilding adds great value to the automotive industry if it respects its rigorous needs and requirements.

The History of Touring Superleggera

Touring Superleggera is recognized worldwide as one of the iconic names in Italian car design and coachbuilding. Founded by Felice Bianchi Anderloni and Gaetano Ponzoni in 1926, the company started to produce custom built automotive bodywork with two distinctive features from the very beginning: sporting elegance and lightness.

Early customers were reputed car makers as Isotta Fraschini and Alfa Romeo. It was the start of a flamboyant period, culminating in the “Flying Star” era that gave birth to several spectacular spider coachworks.

Touring Superleggera also gradually researched the streamlining science. The marriage between aerodynamic study and their Superleggera construction system, using aluminium body panels over a light but rigid tubular steel frame, resulted in masterpieces such as the 1938 Alfa Romeo 8C2900 Touring, which today have become icons of automotive design.

In 1945 the excellent Carlo Felice Bianchi Anderloni joined his father at the company, which soon started to receive its first orders from Enzo Ferrari. The Ferrari 166 MM Touring Barchetta of 1948 was a new milestone for light, elegant and effective design on a competition chassis.

Under Carlo Felice, Touring saw its industrial customer basis grow in the mainstream of the expanding automotive industry in Europe and overseas. A number of specialty models were



designed and built on Alfa Romeo 1900, Lancia Flaminia and Maserati 3500. Another new inspired car manufacturer from the Bologna area relied on Touring's skills: Lamborghini, that commissioned its first GT, the 350. In the same period Touring created another iconic automobile: the Aston Martin DB4, followed by the DB5 and 6, manufactured in Newport Pagnell under license for the Superleggera bodywork system.

Since 2008, Carrozzeria Touring is an all-round supplier of automotive design, engineering and body manufacturing.

Services range from style research and digital design to body engineering, CAD feasibility studies, FEM/FES analysis, CFD/aerodynamic analysis, virtual crash test.

The manufacturing department provides style models, show cars, rolling concepts, street legal one-offs and limited production series. Recent models include the Bellagio Fastback based on Maserati Quattroporte and the concept two-seater A8GCS Berlinetta winner of the "Best Supercar of the Year" award in 2009.

They were followed by the acclaimed Bentley Continental Flying Star (2010), manufactured in limited run with the endorsement of Bentley Motors, and the Gumpert Tornante by Touring (2011), a superfast Grand Tourer commissioned by the German sports car manufacturer.

In 2012 Touring celebrated a masterpiece from its rich heritage, taking inspiration from the Alfa C52 Disco Volante of sixty years before. The innovative, breathtaking Alfa Romeo Disco Volante, built by hand in a limited run of up to eight units, won the coveted Design Award at Concorso d'Eleganza Villa d'Este 2013.

In 2014 in collaboration with MINI, Touring Superleggera designed and built an elaborately crafted, unique concept car to explore new design languages for the iconic British brand. Exhibited at Villa d'Este as the BMW Group's annual design statement, the MINI Superleggera™ Vision blends the tradition of classic coachwork construction with MINI's authentic British styling to create timeless aesthetic appeal.

This year the *Touring Berlinetta Lusso* won the public appreciation at the Geneva Motor Show and Concorso d'Eleganza Villa d'Este.

The company aims at perpetuating the core values of Touring design: purity, integrity, proportions, simplicity, resulting in timeless sporty elegance.

Design, manufacturing and restoration activities are run in the company premises nearby Milan.

"Quail. A Motorsports Gathering", August 14th, 2015.

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