



By appointment
to Her Majesty The Queen
motor car manufacturers
Bentley Motors Limited
Crewe Cheshire



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Press Information

BACALAR CAR ZERO STARTS SIGN-OFF DUTIES

- **Engineering prototype of coachbuilt Bentley Mulliner Bacalar starts test and durability programme**
- **Bacalar Car Zero to deliver engineering validation of the project**
- **20-week schedule demands intense, non-stop work**
- **Top speed run proves Vmax above 200 mph (322 km/h)**
- **Suite of 45 individual validation tests to prove new car**
- **More than 750 new parts, including 40+ in carbon fibre and nearly 100 made by rapid additive manufacture**
- **The first member of new Bentley Mulliner Coachbuilt portfolio**
- **12 customer cars – all pre-sold – to follow**

(Crewe, 16 December 2020) The first member of the Bentley Mulliner Coachbuilt portfolio – the Bacalar – has started its final test, development and durability work ahead of the build of 12 pre-sold customer cars due to start build next year.

Bacalar Car Zero, a purpose-built engineering prototype and the first barchetta-style Bentley of the modern era, is already accumulating mileage and passing crucial quality tests at a variety of locations around Europe.

The on-car validation programmes have been condensed into an extremely busy schedule covering 20 weeks. So far, the car has completed wind tunnel-based aerodynamic assessment, high speed stability and top speed testing, handling and dynamics evaluations, appraisal of noise and vibration, and careful thermal measurements. The car now enters a period of ongoing customer-

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focused mileage accumulation and durability work, before a phase of climate cycle testing up to 80 °C and an intensive electrical system validation.

All of this work is vital to sign-off the new and bespoke nature of the Bacalar – the car includes a total of more than 750 new components, all of which have to pass Bentley’s exceptionally stringent quality, functionality and durability standards. More than 40 of those parts are crafted in carbon fibre, while a complement of nearly 100 are produced using rapid additive manufacture techniques.

Bentley’s Director of Mulliner, Paul Williams, comments:

“Very much like Blower Car Zero that we unveiled last week, Bacalar Car Zero is the crucial prototype that we’re using to sign-off the design, engineering and craftsmanship of this ground-breaking part of Bentley Mulliner’s future. The Bacalar is a thoroughly modern iteration of the coachbuilt Bentleys of the past – extremely rare, entirely hand-crafted, totally bespoke to each customer and exquisite in its details. The whole team behind the car is thrilled to see the prototype shrugging off every test we throw at it, and we’re really looking forward to starting the build of the 12 customer cars.”

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The Bentley Mulliner Bacalar

Just 12 examples of this striking, limited edition model are being created, guaranteeing rarity and exclusivity, and offering supreme luxury and breathtaking performance. Bacalar looks to the future of bespoke luxury motoring - each model will be handcrafted in Bentley Mulliner’s workshop in Crewe, according to the individual customer’s personal.



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This exceptionally rare car is appropriately named after Laguna Bacalar in Mexico's Yucatan peninsula, a lake renowned for its breath-taking natural beauty, continuing Bentley's strategy of naming cars after remarkable landmarks which started with Bentayga in 2015.

Bacalar has been brought to life by Bentley Mulliner, reviving its specialism in providing rare coach-built cars to only a few discerning customers. A roofless Barchetta design with all-new and highly muscular coachwork, embracing a myriad of options and materials, each Bacalar will be truly unique, the result of direct interaction between the Bentley Mulliner design team and the individual customer.

Bentley Mulliner has an illustrious history and can proudly trace its roots back to the 1500s when the company's original focus was customising luxurious, horse-drawn carriages. The remarkable Bacalar is therefore the culmination of almost 500 years of expertise and heritage in the art of vehicle design.

A masterpiece of craftsmanship, the Bacalar is a seamless fusion of materials with an intelligent curation of technology. It draws on design DNA and materials inspiration from the beautifully sculpted, award-winning EXP 100 GT which was crowned 'Most Beautiful Concept Car of the Year' at the prestigious French Festival Automobile International and 'Concept Car of the Year' by GQ magazine. Materials include paint containing ash from rice husks, which provides a sustainable way of delivering a rich metallic finish, natural British wool and 5,000-year-old Riverwood sourced from the ancient Fenlands of East Anglia.

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The Bacalar features an enhanced version of Bentley's peerless 6.0-litre, W12 TSI engine. The most advanced 12-cylinder engine in the world, it produces 659 PS (650 bhp) and 900 Nm (667 lb.ft) of torque. An advanced Active All-Wheel-Drive System varies the torque split between front and rear wheels. It allows the Bacalar to use rear-wheel drive as much as possible during normal driving for optimum efficiency and dynamic performance. The drivetrain is at the heart of the Bacalar, creating the ultimate open-air, two-seat luxury Grand Tourer available in the world today.

Bentley Mulliner Returns To Coachbuilding

With the Bacalar, customers have had the ability to work closely with a team of specialist designers to enhance their vehicle with a selection of unique materials and specially curated options. The Bacalar is the first – but other new bespoke Bentleys will follow as part of the Bentley Mulliner Coachbuilt portfolio – one of three divisions of the Bentley Mulliner organisation, alongside Classic (delivering the Blower Continuation Series) and Collections (responsible for the Continental GT Mulliner coupe and convertible).

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The new Bentley Mulliner Bacalar is a genuine 'roofless' Barchetta – a luxury, two-seat, open-air performance car, the likes of which have never been seen before. Handcrafted to the individual customer's personal tastes, Bacalar is the ultimate expression of an open-top Grand Tourer: a spirited GT combining traditional handcrafted techniques with the latest cutting-edge technology.

The Bacalar shares no body panel with any other car in the Bentley model line-up and derives inspiration from the dramatic EXP 100 GT concept car



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conceived to mark the company's centenary last year. Indeed, it only shares one exterior component with a Continental GT – the door handle, simply because it contains the keyless entry system.

The rear clamshell, wings and top deck of the Bacalar are crafted from carbon fibre, while the doors are lightweight aluminium. Combined with the use of three-dimensional printing, it has allowed designers to create an even more distinctive car.

The exterior look of each model is completed in collaboration with individual customers, who have been able to further personalise their car, choosing from rare paint options, exterior treatments and design themes. The Bacalar represents a return to the exciting early years of Bentley, allowing owners to help shape the car of their dreams.

The Legend Of Mulliner

The legend of Mulliner is woven into the very fabric of Bentley. The tradition of bespoke craftsmanship has been passed down from generation to generation since the 1500s, when Mulliner was founded as a saddler.

In the 1760s, the Mulliner family business refocused on coachbuilding and rose to prominence when it was commissioned to build and maintain carriages for the Royal Mail postal service. With the arrival of the motor car, the company stepped away from horse-drawn carriages and focussed on coachbuilding for mechanical propulsion.

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The then independent Mulliner crafted a bespoke, 3-litre, two-seater Bentley for the 1923 Olympia Show in London, creating a bond between the two companies that would last for decades. Mulliner bodied over 240 Bentley chassis in the 1920s alone and became renowned as the very best of the new coachbuilding firms.

Perhaps the most famous was Mulliner's design for the 1952 R-Type Continental, still considered one of the most beautiful cars of all time. The fastest, four-seat sports car of the era, the R-Type's iconic beauty continues to influence design today through the Bentley Continental GT.

Mulliner cemented its partnership with Bentley in 1959 by becoming part of the business. Today, around 40 employees, ranging from specialists with over 40 years of Mulliner experience to apprentices learning the skills that have been honed over decades of manufacturing, work for Mulliner.

- ENDS -

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Notes to editors

Bentley Motors is the most sought after luxury car brand in the world. The company's headquarters in Crewe is home to all of its operations including design, R&D, engineering and production of the company's three model lines, Continental, Flying Spur and Bentayga. The combination of fine craftsmanship, using skills that have been handed down through generations, alongside engineering expertise and cutting-edge technology is unique to UK luxury car brands such as Bentley. It is also an example of high-value British manufacturing at its best. Bentley employs around 4,000 people at Crewe.