



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



By appointment  
to His Majesty The Prince of Wales  
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**BENTLEY**

## Press Information

### **THE WORLD'S BEST LUXURY SEDAN MADE GREENER: INTRODUCING THE NEW FLYING SPUR HYBRID**

- **Bentley's Hybrid range expands with the addition of the Flying Spur**
- **Next step in Beyond100 strategy to achieve an end-to-end carbon neutral organization and journey towards electrification**
- **New powertrain delivers the renowned luxury and performance of a Flying Spur, without compromise**
- **Combined power of 536 bhp (544 PS) and 553 lb-ft (750 Nm) provided by a 2.9-liter V6 gasoline engine and advanced electric motor**
- **Total driving range of over 434.9 miles (700 km) and an expected all-electric range of greater than 24.8 miles (40 km) EU (WLTP) pending certification**
- **Greater access to cities and ULEV zones with the lowest CO<sub>2</sub> emissions of the Flying Spur range**
- **Subtle exterior badging and additional hybrid information presented via the head-up display, infotainment screen and instrument cluster**
- **Expanded suite of My Bentley Connected Services using embedded SIM with Hybrid-specific content**

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**(Crewe, July 6, 2021)** Bentley Motors is today announcing details of the company's latest luxury model on its journey to electrification. The introduction of the new Flying Spur Hybrid builds on the success of the third generation Flying Spur, using a highly innovative third powertrain delivering the most environmentally friendly Bentley to date. The introduction of the Flying Spur Hybrid establishes a family of Bentley hybrids for the first time, emphasizing Bentley's commitment to its Beyond100 strategy to become an end-to-end carbon neutral organization and the world's leading sustainable luxury mobility company.

Flying Spur Hybrid is available to order in most markets, but is currently not available in EU27, UK, Switzerland, Israel, Ukraine, Norway, Turkey and Vietnam.



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The latest addition to Bentley's new hybrid range demonstrates that hybridization does not compromise luxury or performance. With an unperceivable blend between the internal combustion engine and electric motor, refined serenity is on offer regardless of driving mode or style.

The new powertrain combines a 2.9-liter V6 gasoline engine with an advanced electric motor, delivering a total of 536 bhp (544 PS) and 553 lb-ft (750 Nm) of torque - an additional 95 bhp in comparison to the Bentayga Hybrid. The new Flying Spur becomes the most efficient Bentley ever having the capability to cover over 434.9 miles (700 km) when fully fueled.

With high power reserves, superior torque and quick throttle response the latest hybrid model gives little away to the Flying Spur V8 in acceleration, passing 60 mph from a standstill in 4.1 seconds (0-100 km/h in 4.3 secs). The new powertrain achieves a significant reduction in fuel consumption while still providing the authentic Bentley character of effortless, refined performance.

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The new Flying Spur incorporates a class-leading portfolio of intelligent and intuitive equipment tailored to the driver and passengers. For the Flying Spur Hybrid, connected car services will now also include My Battery Charge, My Car Statistics, and My Cabin Comfort.

To provide further feedback to the driver, the driver instruments include additional information showing when the car is operating solely in EV Drive, regenerating while decelerating or using the combustion engine.

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Inside the cabin, the automatic Start-Stop switch was replaced with a control for the three E-Modes – EV Drive, Hybrid Mode and Hold Mode, enabling the driver to manage the battery usage during a journey. EV Drive mode is engaged as soon as the car is switched on, and maximizes the electric driving experience. This is ideal for city driving and for shorter journeys.

The flow of energy can also be displayed via the infotainment screen where statistics can be seen and the timers for charging of the vehicle can be set. Additional e-motion information is available to the driver via the instrument panel, head-up display and center screen, including range, battery level and charging information.

Exterior visual differences for the Flying Spur Hybrid include a ‘Hybrid’ front fender badge, quad oval tailpipes and a covered universal charging point on the left hand rear fender.

### **Environmentally-Focused Powertrain**

The combination of a highly efficient engine and advanced E-Motor delivers the same flexibility and practicality associated with the W12 and V8 powertrains on offer today, achieving a responsive, engaging and supremely refined experience.

The new 2.9-liter V6 engine achieves 410 bhp (416 PS) and 406 lb-ft (550 Nm) of torque up to 5650 rpm, sharing similar design methodology as the 4.0-liter V8. The twin-scroll turbochargers and primary catalytic converters are positioned within the V of the engine. Fuel injectors and spark plugs were centralized within each combustion chamber to ensure optimal spray patterns and combustion paths, and the camshafts are variable by up to 50 degrees.

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The engine delivers over 150 bhp per liter (0.26 US gallon), even higher than the Flying Spur V8.

The advanced electronic motor is located between the transmission and the engine and provides up to 134 bhp (136 PS) and 295 lb-ft (400 Nm) of torque. The permanent magnet synchronous motor delivers full torque instantly for silent acceleration from standing start. The rapid response of torque minimizes any perceived delay often associated with turbocharger lag.

The E-Motor is powered by a 14.1 kWh lithium ion battery and can be charged to 100 percent in as little as two and a half hours (region specific). The power electronics convert the energy stored from the high voltage battery to supply the E-Motor or supplement the existing 12v vehicle electrical infrastructure. The combined powertrain propels the Flying Spur Hybrid from 0-60 mph in 4.1 seconds (Flying Spur V8: 4.0 secs) and on to a top speed of 177 mph. Reduced CO<sub>2</sub> values and lower fuel consumption are pending certification and will deliver the most environmentally-focused powertrain of the range.

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### **Subtle Integration of Technology**

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The interior of the Flying Spur Hybrid is a striking combination of the very latest integrated technology, beautiful materials and design prowess, now combined with the features required for a plug-in hybrid vehicle.

A dedicated button allows control over the three E-Modes – EV Drive, Hybrid Mode and Hold Mode. These will enable the driver to manually manage battery usage during a journey – though this can also be managed automatically by the car:

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**EV DRIVE** - is engaged as soon as the car is switched on, and maximizes the electric driving experience. This is ideal for city driving and for shorter journeys.

**HYBRID** - maximizes vehicle efficiency and range using data from the intelligent navigation system. This mode is suited for longer journeys and uses predictive E-Mode and engine coasting while following directions from the navigation system. Inputting a destination, the car will automatically engage the correct Drive Mode for each part of the journey, constantly calculating the most efficient use of battery charge and storing electrical energy for sections of the journey where it is most useful – such as when arriving in the city. The system will reduce on-board charge to zero just as the vehicle reaches its destination, maximizing overall efficiency.

**HOLD** - balances engine and electric power to hold high voltage battery charge for later use conserving electric energy. This is the default mode when the driver selects Sport to provide consistent boost and recuperation.

The Flying Spur Hybrid is delivered with all of the required market-specific cables, facilitating charging of the vehicle at the home or via industrial charge points at work or in public parking lots. In addition to the standard equipment supplied, customers can also choose a Bentley-branded wallbox available as a no-cost option, providing an attractive solution housing the charge unit and storing the charge cables neatly.

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### **Expanded Connected Car Services**

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The Flying Spur Hybrid incorporates a class-leading portfolio of intelligent and intuitive equipment tailored to the driver and passengers. An embedded SIM is provided, meaning My Bentley Connected Car features no longer require customers to provide their own data connection. My Bentley in-car and remote services is a continually-developing range of services available to customers through a dedicated app, available both on Apple iOS and Android mobile platforms.

Remote services - subject to regional availability - are accessible through the My Bentley app, including a range of features our customers now come to expect – from ‘find my car’ and ‘lock my car’, through to car status and statistics. Specific features for the new Flying Spur Hybrid can be found in the convenient features and are as follows:

**MY CAR STATISTICS** - which provides an overview of vehicle data. You can view the time and date of recent trips as well as last trip distance, average speed, travel time and average fuel/electric consumption.

**MY BATTERY CHARGE** - allows you to remotely initiate vehicle charging as long as your vehicle is plugged in. You can select the time you plan to leave and the charging system will calculate a rate of charging to achieve the highest level of charge in line with your departure.

**MY CABIN COMFORT** - lets you remotely heat or cool the cabin to an optimum temperature of 71.6°F (22°C) ahead of your journey.

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### **A Distinct Model in the Flying Spur Range**

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The Flying Spur Hybrid has seven Bentley paint colors to choose from as standard, which were carefully selected to complement the character and style of the car. Customers can also specify their vehicle from the additional extended paint range of over 60 colors, including Mulliner and personal commission. The Blackline Specification offers a contemporary alternative to exterior brightware including a black version of the optional illuminated electrically deployed Flying B radiator mascot, and for a more contemporary exterior aesthetic.

A 'Hybrid' badge mounted on the lower front fender, quad oval tailpipes at the rear of the vehicle and a covered universal charging point on the left hand rear fender denote the new model. The choice of optional wheels includes; the 22" Mulliner Driving Specification wheel in three different finishes, a 21" wheel in Polished or Grey Painted and Bright Machined or the standard 20" wheel.

The interior of the Flying Spur Hybrid showcases Bentley's expertise in creating a modern cabin of unrivalled luxury and innovation. Stylish and unique, the interior features supremely comfortable seats in five hide colors, with Bentley's 'Wing' theme across the lower console and fascia. For additional choice, the 'Color Specification' option adds 10 further hide colors and two duo-tone interior configurations.

All Flying Spurs are manufactured at Bentley's home in Crewe - the world's first carbon neutral factory for luxury car production. Customer orders can be taken from summer onwards, and first customer deliveries are due before the end of 2021 (region specific).

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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, Mulliner 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.

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