


Press Information – Technical Specifications

**NEW FLYING SPUR AND AZURE**

Fourth generation, four-door, four-seat or 4+1 Grand Tourer

General Data and Dimensions			
<b>Length</b>	5316 mm / 209.29 in		
<b>Width</b>	2220 mm / 87.40 in		
<b>Width across body</b>	1988 mm / 78.27 in		
<b>Height</b>	1474 mm / 58.03 in		
<b>Wheelbase</b>	3194 mm / 125.75 in		
<b>Front track</b>	1670 mm / 65.75 in		
<b>Rear track</b>	1664 mm / 65.51 in		
<b>Front legroom</b>	1149 mm / 45.24 in		
<b>Rear legroom</b>	1074 mm / 42.28 in		
<b>Front headroom</b>	995 mm / 39.17 in		
<b>Rear headroom</b>	982 mm / 38.66 in	<b>Tyres</b>	Pirelli 275/35 ZR22 104Y (front) and 315/30 ZR22 107Y (rear)
<b>Kerb weight, EU</b>	2646 kg / 5833 lb (48.3:51.7)	<b>Boot volume</b>	346 litres
<b>GVW, EU</b>	3215 kg / 7088 lb	<b>Fuel capacity</b>	80 litres / 18 UK gallons / 21 US gallons

Engine			
<b>Configuration</b>	4.0-litre twin-turbocharged V8 engine with 140 kW electric motor (e-machine)		
<b>Capacity</b>	3996 cc / 243.9 cubic inches		
<b>Induction</b>	Two parallel mono-scroll turbochargers, direct intercooling		
	<b>Combined</b>	<b>Engine only</b>	<b>E-Motor</b>
<b>Power (max)</b>	680 PS / 671 bhp / 500 kW	519 PS / 512 bhp / 382 kW @ 6250 rpm	190 PS / 188 bhp / 140 kW
<b>Torque (max)</b>	930 Nm / 686 lb.ft	770 Nm / 568 lb.ft @ 2300-4500 rpm	450 Nm / 332 lb.ft
<b>Bore x stroke</b>	86 mm x 86 mm / 3.39" x 3.39"		
<b>Compression ratio</b>	9.7:1		
<b>Fuel delivery</b>	Seven-hole, 350 bar high-pressure direct fuel injection		
<b>Fuel</b>	Gasoline, 95-98 RON, up to E10		
<b>Valve gear</b>	Double overhead camshafts per bank, 32 valves with variable lift.		
<b>Battery system</b>	25.9 kWh battery (10-95% usable) - charging time: 2 hrs 45 min on fast charger. Domestic charging times vary by country.		

Chassis and Drivetrain			
<b>Front suspension</b>	Aluminium double wishbones, 48V active anti-roll bar	<b>Front brakes</b>	420 mm x 40 mm ventilated iron
<b>Rear suspension</b>	Aluminium multi-link design, 48V active anti-roll bar	<b>Rear brakes</b>	380 mm x 30 mm ventilated iron
<b>Springs and dampers</b>	Air suspension with new advanced twin-valve dampers	<b>Calipers</b>	10-piston front, four-piston rear
<b>Steering system</b>	Electronic, variable ratio all-wheel steering	<b>Turning circle</b>	12.4 m / 40.7 ft (wall to wall)
<b>Drive configuration</b>	Eight-speed dual-clutch gearbox, active all-wheel drive. Electronic limited slip differential and torque vectoring.		
<b>Gear ratios</b>	1st: 5.973, 2nd: 3.219, 3rd: 2.083, 4th: 1.420, 5th: 1.054, 6th: 0.841, 7th: 0.678, 8th: 0.534, final drive: 3.129 / 3.154 (front / rear)		
<b>Notes</b>	Four driver-selectable Bentley Driving Modes		

Exterior and Interior Specifications			
<b>Body materials</b>	Steel and aluminium monocoque, superformed aluminium exterior panels, composite (SMC) boot lid with integrated antennae		
<b>Headlights</b>	Full LED matrix headlamps with high beam assist and Speed welcome & coming home animations, with precision design detail		
<b>Infotainment</b>	12.3" central touchscreen system with gesture control and wireless Apple CarPlay and Android Auto. Introduction of all-new Bentley App Studio for installation of third-party applications. Enhanced voice control with natural speech recognition and "Hey Bentley" wake word. Optional Bentley Rotating Display switches between touchscreen, three analogue gauges (compass, chronometer and outside temperature) and unbroken veneer.		
<b>Sound system</b>	650W 10-speaker standard system. 1,500W 16-speaker Bang & Olufsen option with three DSP sound modes. 2,200W 18-speaker (+two kinaesthetic shakers) Naim option with eight DSP sounds modes and Active Bass.		
<b>Safety</b>	Front and side driver / passenger airbags. Bentley Safeguard including Advanced Emergency Braking, Swerve Assist and Turn Assist.		
<b>Driver assistance</b>	New and improved technologies, including Predictive Adaptive Cruise Assist with Lane Guidance, Lane Departure Warning, Environmental Display, Emergency Assist, Remote Park Assist and 3D Surround View.		
<b>Paint colours</b>	7 standard, 120 optional	<b>Hide colours</b>	15
<b>Hood colours</b>	N/A	<b>Veneer species</b>	8 wood, 3 technical finishes, plus dual and painted options

Performance	
<b>0-60 mph</b>	3.8 secs
<b>0-100 mph</b>	8.2 secs
<b>0-100 km/h</b>	3.9 secs
<b>0-160 km/h</b>	8.1 secs

Fuel Economy and Emissions – WLTP cycle			
<b>Compliance</b>	EURO 6	<b>CO<sub>2</sub> combined</b>	100 g/km
<b>Driving range</b>	514 miles / 828 km	<b>Fuel Combined</b>	64.2 mpg / 4.4 l/100 km
<b>E Range (EAER)</b>	50 miles / 80 km	<b>Energy Consumption</b>	294 Wh / km