


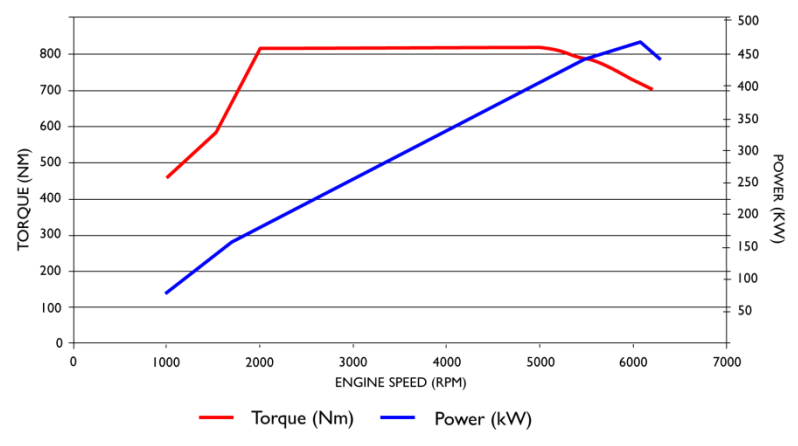
Press Information – Technical Specifications

FLYING SPUR W12 S

Four-door, four- or five-seat luxury performance sedan

General Data and Dimensions			
Length	5299 mm / 208.6 in		
Width	2207 mm / 86.9 in		
Width across body	1976 mm / 77.8 in		
Height	1488 mm / 58.6 in		
Wheelbase	3066 mm / 120.7 in		
Front track	1643 mm / 64.7 in		
Rear track	1642 mm / 64.6 in		
Front legroom	1056 mm / 41.6 in		
Rear legroom	1073 mm / 42.2 in		
Front headroom	968 mm / 38.1 in	Drag coefficient	C _D 0.29
Rear headroom	965 mm / 38.0 in	Wheels	2x 21" designs, black-painted or dark-tinted
Kerb weight	2475 kg / 5456 lb	Tyres	Pirelli 275/35 ZR21
Gross vehicle weight	2972 kg / 6552 lb	Boot volume	475 litres / 16.7 cu ft
Weight distribution		Fuel capacity	90 litres / 20 UK gallons / 24 US gallons

Engine	
Configuration	6.0-litre twin-turbocharged W12
Capacity	5998 cc / 366 cubic inches
Induction	Two parallel turbochargers, direct intercooling
Power	635 PS / 626 bhp / 467 kW @6000 rpm
Torque	820 Nm / 605 lb.ft @2000 rpm
Bore x stroke	84 mm x 90.2 mm / 3.3" x 3.55"
Compression ratio	9.0:1
Fuel delivery	Port injection
Fuel	98 RON unleaded to E10
Valve gear	4x overhead camshafts, dual cam phasing, 48 valves
Cylinder deactivation	Six cylinders, valves and fuel deactivated at light load
Notes	15° V-angle per bank, 72° between banks



Chassis and Drivetrain			
Front suspension	Four-link double wishbones, anti-roll bar	Front brakes	405 mm vent. iron / 420 mm cross-drilled CSiC
Rear suspension	Trapezoidal multi-link, anti-roll bar	Rear brakes	335 mm vent. iron / 356 mm cross-drilled CSiC
Springs and dampers	Self-levelling air suspension, Continuous Damping Control	Calipers	2-piston sliding or 8-piston front, single-piston sliding rear
Steering system	ZF speed-sensitive Servotronic rack and pinion	Turning circle	12.1 m / 39.7 ft
Drive configuration	ZF eight-speed automatic gearbox, permanent all-wheel drive, 40:60 torque split (variable from 15:85 to 65:35)		
Gear ratios	1st: 4.71, 2nd: 3.14, 3rd: 2.1, 4th: 1.67, 5th: 1.29, 6th: 1.00, 7th: 0.839, 8th: 0.667, final drive: 2.85		
Notes	Gearbox features Block Shifting, allowing combined downshifts (e.g. 8 th to 3 rd). Four-mode driver control over suspension settings.		

Exterior and Interior Specifications			
Body materials	Steel monocoque, superformed aluminium front fenders, aluminium bonnet, composite (SMC) boot lid with integrated antennae		
Headlights	Bi-Xenon projector headlamps, LED signature daylight running lamps, LED main beam supplementation, LED rear lamps		
Infocainment	8" central touchscreen with optional TV tuner. 30 GB on-board hard drive. MultiMedia specification includes WiFi router, 2x 10" rear screens with DVD players, 64 GB hard drive, SD slots, USB ports, 12V charging and wireless headphones.		
Sound system	Balanced Mode Radiators, Dirac Dimensions DSP. 440W 8-speaker standard system, 1100W Naim option, 6-disc CD changer, SD card reader, iPod connection, DVD playback.		
Safety	Front and side driver / passenger airbags, driver's kneebag		
Driver assistance	Three-mode ESP (normal / dynamic / off). Cruise control, optionally radar-guided. Electronic Park Brake with drive-away assist.		
Paint colours	17 standard, 90+ optional, bespoke on request	Hide colours	17 standard
Hood colours	NA	Veneer species	1 standard, 6 optional

Performance	
0-60 mph	4.2 secs
0-100 mph	9.4 secs
0-100 km/h	4.5 secs
0-160 km/h	9.4 secs
Top speed	202 mph / 325 km/h

Fuel Economy and Emissions – EU and EPA drive cycles (subject to type approval)			
Urban	12.8 mpg / 22.1 litres/100 km	City	12 USmpg
Extra urban	28.5 mpg / 9.9 litres/100 km	Highway	20 USmpg
Combined	19.6 mpg / 14.4 litres/100 km	Combined	15 USmpg
Compliance	EU6	Compliance	LEV II
CO₂	320 g/km (efficiency class G)		