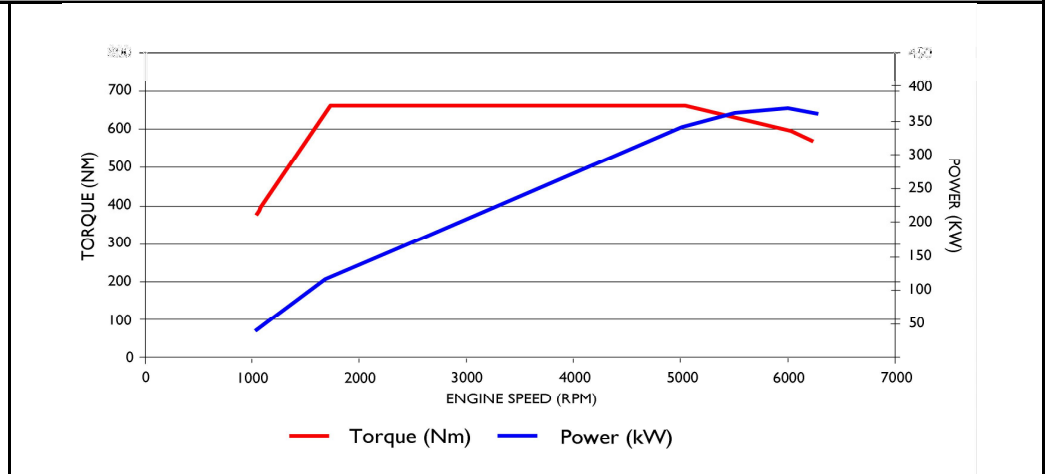


Bentley Motors Vehicle Specification

2012 Continental GTC V8

Two-door, four-seat convertible Grand Tourer

ENGINE	
Configuration	4.0-litre twin-turbocharged V8
Capacity	3993 cc / 243.7 cu in
Induction	Two parallel twin-scroll turbochargers, indirect intercooling
Power	507 PS / 500 bhp / 373 kW @6000 rpm
Torque	660 Nm / 487 ft/lb @1700rpm
Construction	Alu. alloy block, heads & pistons, forged steel crank & conrods
Bore x Stroke	84.5 mm x 89 mm / 3.33" x 3.5"
Compression ratio	9.3:1
Fuel delivery	Direct injection
Valve Gear	4x overhead camshafts with cam phasing, 4 valves per cylinder
Fuel	98 (95) RON
Cylinder Deactivation	Four cylinders, valves and fuel deactivated at light load
Other Notes	Turbos in the V for efficiency & response. Thermal management reduces warm-up time. Recuperation & variable power steering.



TRANSMISSION	
Configuration	Automatic gearbox, torque converter, permanent all-wheel drive
Torque Split (front:rear)	40:60 with ability to send max 85% to rear and max 65% to front
Gearbox Specification	ZF 8HP90 AL951 eight-speed automatic with block shifting
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
Shift Time	Mechanical time 600ms, total time 800ms
Other Notes	Block shifting allows combined downshifts (e.g. 8th to 3rd)

SUSPENSION AND STEERING	
Front Layout	Four-link double wishbones, anti-roll bar
Rear Layout	Trapezoidal multi-link, anti-roll bar
Springs & Dampers	Self-levelling air suspension with Continuous Damping Control, four-position driver-selectable settings from Comfort to Sport
Steering System	Rack and pinion, ZF speed-sensitive Servotronic power assistance
Turns Lock-to-Lock	2.6
Steering Rack Ratio	66.92 mm/rev
Turning Circle	11.3 m / 37.1 feet

BRAKES, ESP & CRUISE CONTROL	
Brake Disc Material	Cast Iron or optional Carbon-Silicon-Carbide (CSiC)
Front	405 mm ventilated iron / 420 mm cross-drilled CSiC
Rear	335 mm ventilated iron / 356 mm cross-drilled CSiC
Callipers	8-piston
Assistance	Electronic Brake-force Distribution, ABS, Hydraulic Brake Assistance, Aquaplane detection
ESP	Two-mode ESP, enhanced brake & throttle regulation, increased cornering control. System can be disabled on driver command
Cruise control	Cruise control as standard, optional Adaptive Cruise Control
Other Notes	Electronic Park Brake with Drive-Away assist

INFOTAINMENT AND ELECTRONICS	
Driver Interface	Centralised 8" touchscreen interface, dedicated HVAC panel
Sound System	8-speaker standard system, 900W 11-speaker Naim option, 6-disc CD changer, SD card reader, iPod connection, DVD playback
Navigation System	Dynamic route guidance, 7-digit postcodes, Google Maps imagery
Phone System	Optional Bluetooth telephone connection with privacy handset
Onboard Storage	30Gb onboard hard-drive
Other Notes	Electronic tyre-pressure monitoring, Keyless entry & ignition, power boot, power door-latching, Park Distance Control, optional rear-view camera, optional TV tuner

EXTERIOR SPECIFICATION	
Body Type and Style	Steel monocoque, super-formed aluminium front fenders, composite bootlid with integrated antennae
Headlights	Bi-Xenon projector headlamps, LED signature daylight running lamps, LED main beam supplementation, LED rear lamps
Paint Colours	7 standard, 123 further optional, bespoke paint on request
Hood	As per GTC W12 but only 3 standard colours (plus 5 optional)
Aerodynamics	Concealed rear aerofoil with automatic deployment

INTERIOR SPECIFICATION	
Seating	14-way power-adjustable front seats. Heating, lumbar, nose extension & memory functions. Optional massage function. "Neck warmer".
Interior Features	Automatic seat-belt presenter, multi-zone climate control with bulls-eye air vents and organ-stop controls
Hide Colours	4 standard, further 13 optional. 4 headlining colours
Wood Veneers	1 standard, 7 optional (one new for GTC - Tamo Ash)
Safety	front & side airbags for driver & passenger, driver's kneebag, ROPS

GENERAL DATA	
Length	4806 mm / 189.2 in
Width across mirrors	2227 mm / 87.7 in
Width across body	1944 mm / 76.5 in
Height	1403 mm / 55.2 in
Wheelbase	2746 mm / 108.1 in
Front track	1664 mm / 65.51 in (+41mm to BY614)
Rear track	1655 mm / 65.16 in (+48 mm to BY614)
Front Legroom	1049 mm / 41.3 in
Rear Legroom	806 mm / 31.7 in
Front Headroom (max)	970 mm / 38.2 in
Rear Headroom	970 mm / 38.2 in
Drag Coefficient	0.32 Cd (roof up)
Kerb Weight	2470 kg / 5445 lb
Gross Vehicle Weight	2900 kg / 6393 lb
Weight distribution (FR:RR)	

Wheels	As per GTC W12 plus optional unique 21" six-spoke wheel
Tyres	275/40 ZR20, optional 275/35 ZR21
Boot Volume	260 litres / 9.18 cu ft
Fuel tank capacity	90 litres / 20 UK gallons / 24 US gallons

PRICING	
UK (inc. 20% VAT)	£136,250
US (MSRP)	\$210,500
Europe (exc. tax)	€ 149,600
Middle East (exc. duty & tax)	\$189,780
China (inc. taxes & duties)	RMB 3,280,000
Japan (inc. 5% sales tax)	¥23,800,000

PERFORMANCE	
0-60 mph	4.7 secs
0-100 mph	11.4 secs
0-100 km/h	5.0 secs
0-160 km/h	11.4 secs
Top Speed	187 mph / 301 km/h
Torsional Stiffness	22,500 Nm/° - stiffest convertible in the world

EU DRIVE CYCLE	
Urban	17.9 mpg / 15.8 litres/100 km
Extra Urban	35.3 mpg / 8 litres/100 km
Combined	25.9 mpg / 10.9 litres/100 km
Emissions Compliance	EU5
CO ₂ Emissions	254 g/km

EPA DRIVE CYCLE	
City Driving	14 USmpg
Highway Driving	24 USmpg
Combined	17 USmpg
Emissions Compliance	LEV II
CO ₂ Emissions	