

### Specifications Porsche 911 Turbo S Coupé\*

<b>Body:</b>	Two-plus-two coupé; monocoque, fully hot-galvanised lightweight steel body with aluminium doors; driver and front passenger airbags operating in two stages; side and head airbags for driver and front passenger.
<b>Aerodynamics:</b>	Drag coefficient $C_d = 0.31$ Frontal area $A = 2.05 \text{ m}^2$ $C_d \times A = 0.64$
<b>Power Unit:</b>	Water-cooled horizontally-opposed six-cylinder; engine block and cylinder heads made of aluminium; four overhead camshafts, four valves per cylinder, variable valve timing on intake side and valve lift switchover (VarioCam Plus); hydraulic valve play compensation; bi-turbocharging, turbocharger with variable turbine geometry (VTG); Direct Fuel Injection; two three-way catalytic converters on each row of cylinders, each with two oxygen sensors; 10.4 ltr (2.3 imp gals) engine oil; electronic ignition with solid-state distributor (six ignition coils).
<b>Bore:</b>	102 mm/4.02"
<b>Stroke:</b>	77.5 mm/3.05"
<b>Capacity:</b>	3800 cc
<b>Compression Ratio:</b>	9.8:1
<b>Engine Output:</b>	390 kW (530 bhp) at 6250 – 6750 rpm
<b>Max Torque:</b>	700 Nm/516 lb-ft from 2100 – 4250 rpm
<b>Output per Litre:</b>	102.6 kW/139.5 bhp
<b>Max Engine Speed:</b>	7000 rpm
<b>Fuel Grade:</b>	Premium Plus
<b>Electrical System:</b>	12 V; 2100 W three-phase alternator; 70 Ah, 340 A battery

\* Specifications may vary according to markets

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**Power Transmission:** Engine and gearbox bolted to form one drive unit; active all-wheel drive with electronically controlled power distribution (PTM); seven-speed PDK Porsche-Doppelkupplungsgetriebe; Mechanical rear axle differential.

Gear ratios	PDK
1 <sup>st</sup>	3.91
2 <sup>nd</sup>	2.29
3 <sup>rd</sup>	1.58
4 <sup>th</sup>	1.18
5 <sup>th</sup>	0.94
6 <sup>th</sup>	0.79
7 <sup>th</sup>	0.62
Reverse	3.55
Final drive	3.44
Clutch diameter	220/163.5 mm (8.66"/6.44")

**Chassis and Suspension:** Front: Spring strut axle in McPherson design optimised by Porsche with independent wheel suspension on track control arms, longitudinal arms and spring struts; conical stump springs with inner-mounted vibration dampers.

Rear: Multi-arm axle with independent suspension on five arms; cylindrical coil springs with co-axial inner-mounted vibration dampers.

PASM Porsche Active Suspension Management with electronically controlled vibration dampers; two control maps for manual selection.

**Brakes:** Twin-circuit brake system split front-to-rear. Front: Six-piston aluminium monobloc brake callipers; cross-drilled and inner-vented ceramic PCCB brake discs measuring 380 mm/14.96" in diameter and 34 mm/1.34" across.

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Rear: Four-piston aluminium monobloc brake callipers; cross-drilled and inner-vented ceramic PCCB brake discs measuring 350 mm/13.78" in diameter and 28 mm/1.10" across.

PSM Porsche Stability Management; vacuum brake servo; Brake Assistant.

<b>Wheels and Tyres:</b>	Front	8.5 J x 19	on	235/35 ZR 19
	Rear	11 J x 19	on	305/30 ZR 19

<b>Weight:</b>	Unladen, DIN	1585 kg
	Max permissible	1950 kg

<b>Dimensions:</b>	Length	4450 mm/175.2"	
	Width	1852 mm/72.9"	
	Height	1300 mm/51.2"	
	Wheelbase	2350 mm/92.5"	
	Track,	front	1490 mm/58.7"
		rear	1548 mm/60.9"
	Luggage capacity,	front	105 ltr/3.7 cu ft
		rear	190 ltr/6.7 cu ft

	Tank capacity	67 ltr/14.7 imp gals
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<b>Performance:</b>	Top speed	315 km/h/195 mph
	Acceleration:	
	0 – 100 km/h	3.3 sec
	0 – 200 km/h	10.8 sec

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**Fuel Consumption  
(NEDC):**

Urban 16.5 ltr/100 km

Extra-urban 8.1 ltr/100 km

Combined 11.4 ltr/100 km

**CO<sub>2</sub> Emissions:**

268 g/km

**Emission Rating:**

Euro 5