

Specifications Porsche Cayenne S Diesel*

Body:	Unitary construction, fully galvanised lightweight all-steel body; two-stage driver and front passenger airbags; side airbags for driver and front passenger; curtain airbags over the roof frame and side windows from A-pillar to C-pillar; seating for five persons.		
Aerodynamics:	Drag coefficient c_d	0.36	
	Frontal area A	2.81 m ²	
	$c_d \times A$	1.012	
Engine:	Eight-cylinder V engine; cylinder angle 90 degrees; grey cast iron engine block; aluminium cylinder heads; four overhead camshafts, four valves per cylinder; hydraulic valve lifter; load-controlled common rail diesel direct injection (2,000 bar) via piezo-controlled injectors; two turbochargers with variable turbine geometry (VTG); two intercoolers; controlled exhaust gas recirculation with cooler; one air intake system per cylinder bank with map-controlled swirl flap; two-stage pressurised lubrication control with wet sump; engine oil volume 10.2 litre; dual-branch emissions control system, each with one oxidation catalytic converter and diesel particulate filter; thermal management for engine and gearbox coolant circulation; extended auto start/stop function Plus.		
	Bore	83.0 mm	
	Stroke	95.5 mm	
	Displacement	4,134 cm ³	
	Compression ratio	16.4:1	
	Engine power	385 hp (283 kW) at 3,750 rpm	
	Max. torque	850 Nm at 2,000 – 2,750 rpm	
	Power output per litre	93.1 hp/l (68.5 kW/l)	
	Maximum engine speed	4,600/min	
	Fuel type	diesel	
Electrical system:	12 Volt; alternator 2,600 W; battery 105 Ah/580 A; electrical system recuperation.		

* Specifications may vary according to markets

Specifications • Porsche Cayenne S Diesel

Power transmission: Engine and transmission bolted to form one drive unit; Porsche Traction Management (PTM): active hang-on all-wheel drive with electronically controlled, map-controlled multi-plate clutch; permanently driven rear axle, fully variable distribution of power to the front axle; eight-speed Tiptronic S.

Gear ratios

1 st gear	4.92
2 nd gear	2.81
3 rd gear	1.84
4 th gear	1.43
5 th gear	1.21
6 th gear	1.00
7 th gear	0.83
8 th gear	0.69
Reverse	4.02
Final drive ratio FA	2.58
Final drive ratio RA	2.92
Converter diameter	272 mm

Suspension: Front axle: aluminium double wishbone suspension; struts with steel springs and internal, hydraulic double-tube gas dampers.

Rear axle: multi-link suspension with lower transverse links, two individual upper links and tie rod; struts with steel springs and internal hydraulic double-tube gas dampers.

Brakes: Dual-circuit brake system with separate circuits for front and rear axles.

Front: six-piston aluminium monobloc brake callipers; internally ventilated brake discs, 360 mm in diameter and 36 mm thick.

Rear: four-piston aluminium monobloc brake callipers, internally ventilated brake discs, 330 mm in diameter and 28 mm thick.

Porsche Stability Management (PSM); vacuum brake booster; brake assist; multi-collision brake; electric parking brake.

Specifications • Porsche Cayenne S Diesel

Wheels and tyres: front and rear 8.0 J x 18 with 255/55 R 18

Weights:

Unladen weight DIN	2,215 kg
Gross vehicle weight rating	2,955 kg
Maximum trailer weight	3,500 kg
Maximum draw bar weight	140 kg
Maximum roof load	100 kg

Dimensions:

Length	4,855 mm
Width	1,939 mm
Width with door mirrors	2,165 mm
Height	1,705 mm
Wheelbase	2,895 mm

Track widths	front	1,655 mm
	rear	1,669 mm

Luggage comp. capacity	670 – 1,780 l
Fuel tank capacity	85 l

Performance:

Top speed	252 km/h 157 mph
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Acceleration:	
0 – 100 km/h	5.4 s
	with Sport Chrono package 5.3 s

0 – 60 mph	5.1 s
	with Sport Chrono package 5.0 s

0 – 160 km/h	12.9 s
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0 – 400 m (1/4 mile)	13.7 s
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0 – 1,000 m	25.2 s
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Specifications • Porsche Cayenne S Diesel

Consumption (NEDC):	combined	8.0 l/100 km
	urban	10.0 l/100 km
	extra-urban	7.0 l/100 km
CO₂ emissions:	combined	209 g/km
Emissions class		Euro 5