

Technical data

Panamera Turbo Executive**Engine**

Type	V8 twin-tube; with gasoline particulate filter (GPF)
No. of cylinders	8
Valves/cylinders	4
Displacement	3,996 cm ³
Bore	86.0 mm
Stroke	86.0 mm
Max. power output	404 kW (550 PS)
at engine speed	5,750 – 6,000 rpm
Max. torque	770 Nm
at engine speed	2,000 – 4,500 rpm
Max. output per litre	101.0 kW/l (137.5 PS/l)
Compression ratio	10.1:1
Maximum engine speed	6,800 rpm
Cooling system	Water cooling, thermal management with control thermostat and potted water pump
Valve control	VarioCam Plus with adaptive cylinder control: Camshaft timing (intake & exhaust); cylinder shut-off via two-stage sliding cams on the intake and exhaust side

The technical data may vary from country to country

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Power transmission

Drive system	Porsche Traction Management (PTM): Active all-wheel drive with electronically regulated, map-controlled multi-plate clutch, variable torque distribution between front and rear axle
Transmission	Eight-speed dual-clutch transmission (PDK)

Gear ratios

1 st gear	5.97
2 nd gear	3.24
3 rd gear	2.08
4 th gear	1.42
5 th gear	1.05
6 th gear	0.84
7 th gear	0.68
8 th gear	0.53
Reverse gear	5.22
Rear axle ratio	3.15

Chassis

Suspension and damping	Adaptive air suspension with three-chamber air springs and Porsche Active Suspension Management (PASM)
Front axle	Aluminium double wishbone axle, independent suspension
Rear axle	Aluminium multi-link suspension with subframe, independent wheel suspension
Steering	Electromechanical power steering; rear axle steering (RAS) as standard
Steering ratio	14.2:1 (centre position) to 9.3:1
Steering wheel diameter	375 mm
Turning circle diameter	11.8 m
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS with extended brake functions

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Brakes

Brake system	Six-piston aluminium monobloc fixed calliper brakes at the front, four-piston aluminium monobloc fixed calliper brakes at the rear; electric parking brake
Brake discs, front axle	Grey cast iron, internally vented
Diameter	410 mm
Thickness	38 mm
Brake discs, rear axle	Grey cast iron, internally vented
Diameter	380 mm
Thickness	30 mm

Wheels and tyres

Wheels and tyres, front	9.5 J x 20 ET 71 with 275/40 ZR 20 tyres
Wheels with tyres, rear	11.5 J x 20 ET 68 with 315/35 ZR 20 tyres

Dimensions

Length	5,199 mm
Width (with door mirrors)	1,937 mm (2,165 mm)
Height	1,432 mm
Wheelbase	3,100 mm
Track width, front	1,657 mm
Track width, rear	1,639 mm

Luggage volumes and weights

Luggage volumes	500 – 1,490 l
Unladen weight (DIN)	2,100 kg
Allowable gross weight	2,635 kg
Towing capacity (braked/unbraked)	–
Drawbar load	–
Roof load (with Porsche roof transport system)	–

Technical data**Panamera Turbo Executive****Performance**

Top speed	306 km/h
Acceleration	
0-60 mph	3.7 s
0-60 mph with Sport Plus	3.5 s
0-100 km/h	3.9 s
0-100 km/h with Sport Plus	3.7 s
0-160 km/h	8.7 s
0-160 km/h with Sport Plus	8.4 s
0-200 km/h	13.4 s
0-200 km/h with Sport Plus	13.1 s

Fuel and emissions

Emissions standard	Euro 6 d-Temp EVAP (EU6 BG)
Fuel type	Super Plus (98 RON)
Fuel consumption	
Urban	14.4 l/100 km
Extra-urban	8.4 l/100 km
Combined	10.6 l/100 km
CO₂ emissions	
Combined	242 g/km
Efficiency class in Germany	E
Fuel tank capacity	90 l

Aerodynamics

Drag coefficient c_d	0.29
Frontal area A	2.39 m ²
$c_d \times A$	0.693

All information refers to the EU model.