

Technical data**Macan Turbo****Engine**

Type	V6 biturbo with gasoline particulate filter (GPF)
No. of cylinders	6
Valves/cylinder	4
Displacement	2,894 cc
Bore	84.5 mm
Stroke	86.0 mm
Max. power output	324 kW (440 PS)
at engine speed	5,700 – 6,600 rpm
Max. torque	550 Nm
at engine speed	1,800 – 5,600 rpm
Max. power output per litre	112 kW/l (152 PS/l)
Compression ratio	10.5:1
Max. engine speed	6,800 rpm
Cooling system	Water cooling, thermal management with control thermostat and potted water pump
Valve control	VarioCam Plus: Camshaft control on intake and exhaust sides, valve lift adjustment on the intake side

All data refers to the EU model. The technical data may vary from country to country

Technical data**Macan Turbo****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; variable centre differential lock
Transmission	Seven-speed dual-clutch transmission (PDK)
Gear ratios	
1 st gear	3.69
2 nd gear	2.15
3 rd gear	1.41
4 th gear	1.03
5 th gear	0.79
6 th gear	0.63
7 th gear	0.52
Reverse gear	2.94
Rear axle ratio	4.67

Chassis

Suspension and damping	Steel suspension and double-acting hydraulic gas-filled vibration dampers; Porsche Active Suspension Management (PASM) with continuous damper adjustment and three programs; optional air suspension including PASM
Front axle	Independent suspension with five-link aluminium front axle with separated wishbones at top and bottom
Rear axle	Independent suspension with aluminium trapezoidal link at the bottom, aluminium link at the top and tie rod
Steering	Electromechanical power steering
Steering ratio	14.3:1 (centre position)
Steering wheel diameter	375 mm
Turning circle diameter	11.96 m
Vehicle stability system	Porsche Stability Management (PSM) with ABS, ASR, ABD, EDTC and Trailer Stability Management

Technical data**Macan Turbo****Brakes**

Brake system	Six-piston aluminium monobloc fixed-calliper brakes at the front, combination floating-calliper brakes at the rear; electric parking brake
Brake discs, front axle	Porsche Surface Coated Brake (PSCB): Grey cast iron with tungsten-carbide coating, internally ventilated
Diameter	390 mm
Thickness	38 mm
Brake discs, rear axle	Porsche Surface Coated Brake (PSCB): Grey cast iron with tungsten-carbide coating, internally ventilated
Diameter	356 mm
Thickness	28 mm

Wheels and tyres

Wheels with tyres, front	9J x 20 ET 26 with tyres 265/45 R 20
Wheels with tyres, rear	10J x 20 ET 19 with tyres 295/40 R 20

Dimensions

Length	4,684 mm
Width (with exterior mirrors)	1,926 mm (2,098 mm)
Height	1,624 mm
Wheelbase	2,807 mm
Track width, front	1,645 mm
Track width, rear	1,655 mm

Luggage compartment volume and weights

Luggage compartment volume ¹⁾	488 – 1,503 l
Unladen weight according to DIN	1,945 kg
Permissible gross weight	2,580 kg
Trailer load (br./unbr.)	2,400/750 kg
Drawbar load	96 kg
Roof load (with Porsche roof transport system)	75 kg

Technical data**Macan Turbo****Performance**

Top speed	270 km/h
Acceleration	
0 – 60 mph	4.3 s
0 – 60 mph with Sport Plus	4.1 s
0 – 100 km/h	4.5 s
0 – 100 km/h with Sport Plus	4.3 s
0 – 160 km/h	10.5 s
0 – 160 km/h with Sport Plus	10.3 s
0 – 200 km/h	17.1 s
0 – 200 km/h with Sport Plus	16.9 s

Fuel and emissions

Emissions standard	Euro 6d Temp EVAP ISC (EU6 DG)
Fuel type	Super Plus (98 RON)
Fuel consumption	
Urban	12.2 l/100 km
Extra-urban	8.4 l/100 km
Combined	9.8 l/100 km
CO₂ emissions	
Combined	224 g/km
Efficiency class Germany	E
Tank capacity (optional)	75 l

Aerodynamics

Drag coefficient c_d	0.37
Frontal area A	2.63 m ²
$c_d \times A$	0.973 m ²