

The technology of the new Porsche Cayenne

## **A sporty all-rounder with enhanced performance and comfort**

The Porsche Cayenne is the epitome of the sporty SUV – and now the new generation of this legendary car has arrived, with a significantly increased performance range. The completely redeveloped Cayenne is even closer to its roots as a Porsche sports car than its predecessor, boasting intelligent lightweight construction, powerful drives, exceptional driving dynamics and smart driver assistance systems. All of this is combined with outstanding handling on any terrain, greater comfort and all-round enhancements – with familiar Cayenne finesse. It's a concept that has made the model a best-seller: Since its market launch in 2002, Porsche has sold over 770,000 Cayennes.

The starting line-up is comprised of three models. With its 404 kW (550 hp) biturbo eight-cylinder engine and the driving dynamics of a sports car, the Cayenne Turbo is heading up the new Cayenne generation. Translated into numbers: The car accelerates from zero to 100 km/h in 4.1 seconds (or 3.9 seconds with the Sport Chrono Package), and achieves a top speed of 286 km/h. The Cayenne S is powered by a 2.9-litre, 324 kW (440 hp) biturbo-charged V6 engine. From a standing start, the Cayenne S reaches 100 km/h in 5.2 seconds. With the optional Sport Chrono Package, this is reduced to 4.9 seconds. The maximum speed is 265 km/h. The Cayenne with six-cylinder turbo engine and a displacement of three litres delivers 250 kW (340 hp) of power, ensuring that even the standard model achieves outstanding driving performance. The Cayenne accelerates to 100 km/h in just 6.2 seconds, or just 5.9 seconds with the Sport Chrono Package, and achieves a top speed of 245 km/h.

### **Redeveloped with innovative technologies**

All of the core components of the Cayenne are new developments. More powerful and more efficient engines combine with the new eight-speed Tiptronic S to spontaneously convert the driver's desires into acceleration, traction and best-in-class performance. Thanks to its sports car genes, the completely new lightweight construction of the chassis delivers excellent driving dynamics that surpass expectations for this segment. New technologies such as 4D Chassis Control, rear axle steering, three-chamber air suspension, the 48-volt electronic rolling-motion compensation system and the tungsten-carbide-coated Porsche Surface Coated Brake (PSCB) play a key role in this performance. The Cayenne Turbo also brings active aerodynamics to this market segment, with an adaptive roof spoiler and new air brake technology for even sportier driving performance and enhanced safety. These systems also set the vehicle even further apart by achieving a level of driving comfort closer to that of a high-end saloon. Going off-road is even easier, too, as the driver can now choose between five different drive and chassis modes, depending on the terrain.

### **Digital network: Porsche Advanced Cockpit and new PCM**

With this new generation, the Cayenne is writing a new chapter in the relationship between the driver and vehicle. The Porsche Advanced Cockpit integrates display and control elements in a single, harmonious design. The centre console with Direct Touch Control and the new 12.3-inch touch display of the Porsche Communication Management (PCM) system act as the driver's interface to all vehicle functions. The new Cayenne comes fully networked and connected as standard. It is equipped with online navigation, including real-

time traffic information, an LTE telephone module with integrated SIM card, mobile phone preparation with Bluetooth interface, online voice control, a Wifi hotspot, four USB ports, Porsche Connect services with up to two years' membership included (between 12 and 24 months in Germany, depending on the service) and Apple® CarPlay.

The new infotainment system is intuitive to operate and is designed with the ever-increasing degree of connectivity between customers and their vehicles in mind. At the same time, the new PCM takes customisation to new levels, enabling the configuration of up to six individual profiles. In addition to defining a large number of interior settings, a profile is also used to store preferences for lights, driving programmes and assistance systems.