

# Carrera GT – representative technology for the new millennium

**Experts often like to refer to the Porsche Carrera GT as a super lightweight car. For Porsche, it is a leader in technology that first and foremost adds a new dimension to the concept of lightweight construction.**

1,270 Porsche Carrera GT cars – with this sales result at the end of its production in mid-2007, the Carrera GT became the most successful supercar of all time. But the Carrera GT is more than a high-performance sports car. At Porsche in Zuffenhausen, it stands for representative technology at the start of the millennium – on a par with the 959, which astounded the automotive industry in 1983.

The performance figures alone of the Carrera GT were enough to impress the trade audience when the study of the supercar was first unveiled at Louvre in Paris on 28 September, 2000. The naturally aspirated V10 engine produces 450 kW (612 hp) at 8,000 rpm. The maximum torque is 590 Nm at 5,750 rpm. It can sprint from zero to a hundred in just 3.9 seconds and takes just 9.9 seconds to reach a speed of two hundred kilometres per hour. The forward thrust only comes to an end at 330 km/h.

Talking about the Carrera GT, former CEO Dr Wendelin Wiedeking says, ‘Once again, we wanted to show what Porsche is capable of – everything.’ More than anything else, this included global innovations: The monocoque design of the chassis and subframe featured lightweight carbon fibre-reinforced plastic. A ceramic clutch with a diameter of only 169 millimetres was employed for the first time in a car. The Porsche Ceramic Composite Clutch gave the engine and transmission an extremely low centre of gravity. Also unique were the extremely lightweight rim blanks, forged from a magnesium alloy. For the first time, the seats were made from a composite of carbon and aramid fibres, making them around half the weight of the seats used in the 911 and Boxster.

When this new leader in technology celebrated its world premiere as a series-production model at the Geneva Motor Show in 2003, its kerb weight was only 1,250 kilograms.