

Porsche Tequipment launches Performance roof box

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05/05/2021 Everyday usability and performance: seemingly contradictory characteristics that Porsche has always combined successfully in its products. This also applies to the newly developed Performance roof box from Porsche Tequipment.

Alongside the new design, the focus of development was on the maximum permitted speed: the Performance roof box has been subjected to a comprehensive programme of trials and tests for the new Taycan Cross Turismo – for speeds up to 200 km/h. Trials and tests for other models will take place successively. The innovative luggage system will be available through Porsche Centres from May 2021.

The exceptional design was created in cooperation with Studio F.A. Porsche. With a slight counter-curve shape and a separation edge, the design is based on the 'form follows function' principle. A three-

dimensional silver Porsche logo adorns the rear end. In the same way as for vehicles, the designers worked on a 1:1 clay model at an early stage. In spite of increasing digitalisation, physical prototypes help the designers to assess whether their designs achieve the desired effect in 3D. These models can also be used for initial wind tunnel tests in order to aerodynamically optimise the design.

“In addition to the permitted speed, the individualisation options for the roof box will also be unique,” explains Alexander Fabig, Vice President Individualisation and Classic at Porsche AG. “Like the box, the side blades are available in High-Gloss Black and three other popular colours from our model range: Dolomite Silver Metallic, Carrara White Metallic and Volcano Grey Metallic.” The side blades can also be optionally ordered primed or painted in the individual vehicle colour.

Comprehensive tests relating to aerodynamics and handling

The new roof box has the additional ‘Performance’ designation due to the fact that it has been tested at maximum speeds of up to 200 km/h. In this way, Porsche is meeting the wishes of many customers who also want to use the additional luggage space at higher speeds. This testing included comprehensive tests relating to aerodynamic behaviour and handling characteristics. “The test programme for the roof box was very demanding,” explains Jochen Schmid, Director Tequipment at Porsche. “On its way to series maturity, it was driven on test tracks for several thousand kilometres as part of overall vehicle testing.”

In the driving dynamics tests, the focus was on the controllability of the vehicle with a fitted roof box at high speeds. This programme was complemented by endurance testing in the Porsche Development Centre in Weissach: among other things, the roof box had to prove its ability to withstand tough conditions on the rough-road track. The aerodynamics and noise development were also tested in the wind tunnel in Weissach.

In addition to unique design, outstanding individualisation options and performance that is typical for the brand, development of the new roof box focused on simple handling and a high degree of everyday usability. The box can be conveniently mounted on all base carrier roof transport systems by means of a quick-fastening system. The roof box has a capacity of 480 litres and can be opened from both sides, allowing easy and uniform loading.

The most important data at a glance:

Dimensions (length/width/height)	212.0 × 92.0 × 44.5 cm
Capacity	480 litres (space for at least five pairs of skis or three snowboards)

Maximum load	Up to 75 kilograms
Roof mounting	Quick-fastening system
Opening	Both sides
Included accessories	3 securing straps, protective cover with PORSCHE logo, 2 pairs of gloves and Porsche Crest sticker
Retail availability	Available from May 2021

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Consumption data

Taycan Turbo (Predecessor model)

*Further information on the official fuel consumption and the official specific CO_2 emissions of new passenger cars can be found in the "Leitfaden über den Kraftstoffverbrauch, die CO_2-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Fuel Consumption, CO_2Emissions and Electricity Consumption Guide for New Passenger Cars), which is available free of charge at all sales outlets and from DAT (Deutsche Automobil Treuhand GmbH, Helmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, www.dat.de).

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