



Pagani Automobili and Dainese develop sophisticated materials for the Huayra Roadster Soft Top

Vicenza, March 2nd, 2018. Dainese and Pagani Automobili work together to give life to a first-rate product. Dainese made its R&D department available to the Modenese Atelier, with the aim of identifying and creating the best possible materials for the fabric and structural parts for the soft top of the Huayra Roadster.

Sharing the know-how of these two Italian brands translated into developing sophisticated technical solutions on a par with cars such as the Pagani Huayra Roadster.

“Innovation is in Dainese DNA and the development of highly sophisticated technical solutions is the direct consequence of this,” says Cristiano Silei, Dainese Group CEO. *“To give life to something valuable, and to do so in collaboration with a prestigious brand like Pagani Automobili, makes us proud yet again.”*

Inspired by the first flying machine designed by Leonardo Da Vinci, the Ornitottero, the soft top is a combination of components in a Highly Elastic Carbon Fiber Modulus developed by Pagani, which is connected by means of aluminum and titanium billet joints that stretch the technical fabric developed by Dainese.

The Pagani Fabric and the structure are the result of a joint development by Dainese and Pagani, the two firms working together to achieve absolute perfection on both a technical and aesthetic level. The Dainese extensive know-how in technical fabrics sector enabled the creation of an innovative material whose different layers, made of refined material and waterproof technology, were specifically developed by the company R&D dpt. The aim was to achieve the right balance between flexibility and resistance across every single zone.

Studied like an Origami, the soft top closes in on itself by following the folds of the structural members. This system ensures the durability of the fabric over time and reduces the amount of storage space needed in the car to a minimum. The new soft top on the Huayra Roadster offers both a comfortable driving experience and a one-of-a-kind look.



“Creating the emergency soft top for the Huayra Roadster was a real technical challenge,” confirms Horacio Pagani, Chief Designer at Pagani Automobili. “Our goal was to provide customers with a folding roof solution, which could take up minimal space when stored in the car. The soft top was conceived as a lightweight, resistant tensioned structure, in which every single element contributes to carrying out the overall function through its tension.”