



CONGRATULATIONS VOLKSWAGEN!

Volkswagen is the 2020 winner of the automotive sector at the world's leading composite show in Paris. The JEC price was awarded for an innovative and cost-effective composite component, which is suitable for mass production.

>> Project description JEC Innovation Award 2020

Reduction in both weight and the number of components was the goal when a consortium of Volkswagen, Porsche, Braunschweig University and Invent, a specialist in fibre composite technology contracted Schneider Form with building a mould for a Porsche centre tunnel. The lightweight materials were metal inserts, carbon-fibre reinforced tape layers and the thermoplastic rib structure. The metal inserts and previously heated fibre fabrics were inserted in the mould. Finally an injection machine with a vertical opening stroke allowed the melt to flow around the inserts to form a single component.

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