**Koenigsegg CC8S**:

* **Car Name:** Koenigsegg CC8S
* **Overview:**
* The CC8S is a mid-engine sports car produced by the Swedish automobile manufacturer Koenigsegg.
* It was the company's **first production automobile** and the **first production car** to use the company's trademark **dihedral synchro-helix actuation doors**.
* At its introduction, it won several awards, including the **Guinness World Record for the Most Powerful Production Engine** and design awards from both **Red Dot** in Germany and **Utmärkt Svensk Form** in Sweden[**1**](https://en.wikipedia.org/wiki/Koenigsegg_CC8S).
* **Development:**
* The CC8S was developed from the CC prototype after **8 years of research and development**.
* Unique features included a **roof that could be stored in the front trunk**, vertical opening **dihedral synchro-helix doors**, and a patented **free-flowing exhaust system** based on the 'Rocket Cat Principle'.
* Despite large orders, only **6 cars** were produced due to high production costs, with **2 being right-hand drive**.
* **Body and Chassis:**
* Two-door, two-seat **targa top design** with removable roof.
* **Kevlar-reinforced carbon fiber** semi-monocoque attached to steel and aluminum subframes.
* Carbon fiber body panels, venturi tunnels, and diffusers for increased downforce.
* Low overall aerodynamic drag with a frontal area of just **Cd A = 1.825 square meters** and a low drag coefficient of **Cd = 0.30**[**1**](https://en.wikipedia.org/wiki/Koenigsegg_CC8S).
* The Koenigsegg CC8S laid the foundation for the aesthetics, philosophy, and functionality of all Koenigsegg cars since. 🚗✨