

SolvAir boosts car shell drying at Audi Brussels, improving both efficiency and quality.



Reduced
Energy
Consumption



Enhanced
Production
Quality

Innovative engineered drying solutions that maximise performance and minimise energy consumption for automotive plants.

Problem

Audi Brussels faced inefficiencies in their car shell drying process before the final coating. The existing compressed air drying system was energy-intensive and potentially compromising production quality, necessitating a more effective solution for their new product line.

Implication

High energy consumption of the existing compressed air system was increasing operational costs and potentially affecting Audi's sustainability goals. Inefficient drying could lead to coating imperfections, resulting in quality issues and possible production delays in their high-precision manufacturing process.

Solution

A custom drying system with multiple 15 kW blowers and strategically placed Air Knives. This setup ensured thorough drying of all car shell surfaces, including hard-to-reach areas, while significantly reducing energy consumption and enhancing production efficiency.

Steve Hand

Sales Engineer
SolvAir UK

“ At SolvAir, we pride ourselves on solving complex manufacturing challenges. Our multi-stage drying system for Audi ensures thorough moisture removal across various car models, enhancing both quality and productivity. ”

Final Installation

