



SolvAir

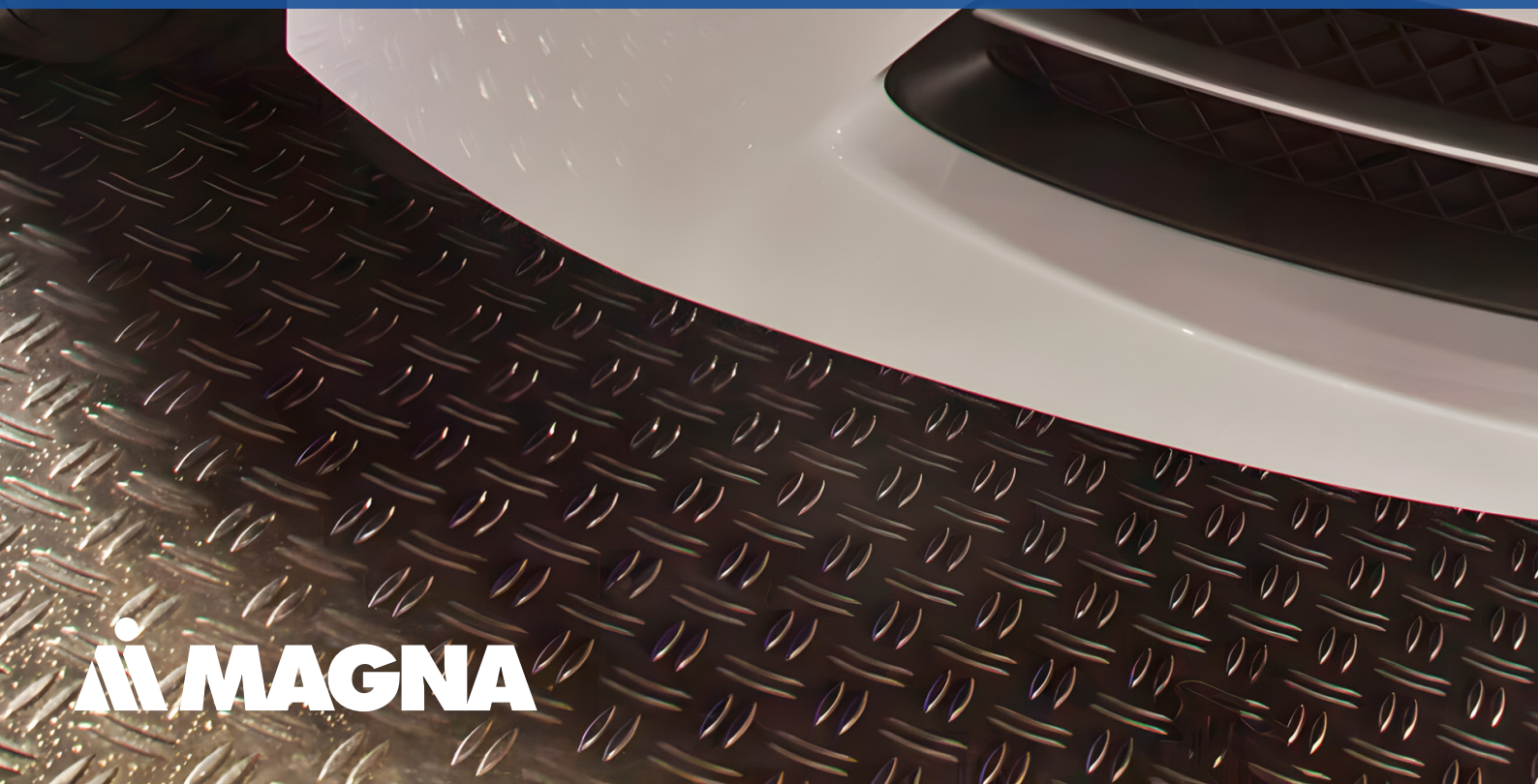
SolvAir engineers a flawless drying solution for Magna UK complex automotive components.



Energy-Efficient
Custom Solution



Paint Rejection
Issues Resolved



MAGNA

SolvAir's bespoke systems and engineered Air Solutions provide advanced drying for a diverse range of automotive parts.

Problem

Decoma UK, part of the Magna Group, experienced inefficient drying of plastic automotive parts in their paint preparation area. Their existing Air Force I system and additional compressed air nozzles failed to achieve the required drying level, resulting in unacceptable paint job rejections and high rework rates.

Implication

The inadequate drying process led to increased production costs, reduced efficiency, as well as potential quality issues in the final painted products. The challenge was compounded by the variety of parts moving randomly through the production line, meaning consistent drying was difficult.

Solution

A bespoke three-stage drying system, including a pre-drying stage. Strategically placed SV10 nozzles integrated with the existing Air Force I system, and a final spot drying stage using cone nozzles. Powered by twin 15kW blowers, the system effectively eliminated all previous drying inconsistencies.

Chris Davies

Managing Director
SolvAir UK

“ Our multi-stage drying system for Magna demonstrates SolvAir's commitment to innovation. By integrating our three-stage system with existing equipment, we eliminated paint defects and optimised energy efficiency. ”

Final Installation

