

SolvAir

SolvAir Ionised Air System eliminates manual labour and increases production quality for Tesla.



99%

Manpower Reduction



£1.2m

Annual Savings



TESLA

SolvAir's Ionised Air Systems achieve perfect finishes and enhanced efficiency in your manufacturing processes.

Problem

Tesla found that the product was dirty after production, meaning there were imperfections on the body/framework. 24 employees across a 24-hour period were working to clean the body/framework using compressed air.

Implication

The cost of employment and compressed air meant the running costs for Tesla were very high. Due to human error, there were also rejections during production, meaning loss of time and money.

Solution

Ionised Air System, including 2x PX2000 Blowers and Ionised Air Knives. This cleared the debris from the body/framework. This system is also unmanned, and no compressed air is required, meaning significant costs savings.

Maria Gago da Silva

Senior Manufacturing Engineer
Tesla Giga Berlin

“We're completely happy with the project outcome! The blowers are working great thanks, I appreciate the preventive maintenance that the team did on the last visit.”

Final Installation

