

SolvAir's custom Air System eliminates scratch card waste for Scientific Games.



Product
Damage
Eliminated



Energy
Consumption
Reduced

SolvAir's custom Air Systems optimise manufacturing processes, reducing waste and enhancing efficiency across diverse industries.

Problem

Conveyor belt transitions in Scientific Games' scratch card production caused significant issues. Cards frequently became trapped and torn, resulting in entire batch rejections. Their attempted fix using a small blower system failed due to insufficient airflow across multiple sections.

Implication

The persistent problem caused significant financial losses through wasted materials and production time. The issue demanded continuous attention from the senior project engineer, diverting resources from other crucial maintenance tasks and impacting overall operational efficiency.

Solution

We installed an Eco-Blow unit with two Custom Spyder Manifolds, each featuring six adjustable arms and precision nozzles. This setup created an effective air curtain, preventing any card damage. Variable speed controls enabled optimised performance while reducing energy consumption.

Steve Hand

Sales Engineer
SolvAir UK

“ Our work with Scientific Games exemplifies SolvAir's approach to customer challenges. By thoroughly analysing their production process, we provided a solution that resolved immediate issues as well as providing long-term benefits in terms of energy savings and product consistency. ”

CAD / System Layout

