

SolvAir's high-flow, high-pressure, blower solution eliminates downtime for EMR recycling.



Frequent Manual
Cleaning Shifts
Eliminated



Improved
Production
Throughput



SolvAir's Paxton-powered Air Solutions provide industry-leading pressure, air-flow and efficiency in challenging environments.

Problem

EMR faced persistent issues with their existing Air Knife System due to inadequate air pressure and flow. The under-performing 5.5kW blower led to regular clogging, material wastage, and frequent maintenance, requiring system cleaning multiple times per week and causing substantial production delays.

Implication

The existing air blower's poor performance had far-reaching consequences for EMR. Production bottlenecks from frequent cleaning reduced throughput, while material losses affected recovery rates. Increased energy consumption and maintenance costs strained resources, compromising the facility's efficiency and profitability.

Solution

SolvAir's PX750 5.5kW Blower with a 1000mm Air Knife resolved EMR's air flow challenges. The new system's superior flow, pressure and efficiency eliminated clogging and maintenance downtime, maximised material recovery, and optimised energy use, all without increasing power consumption.

Jamie Garwood

Business Development Manager
SolvAir UK

“ The EMR project demonstrates how SolvAir's Air Systems transform industrial processes. Our Paxton-based solution has eliminated chronic issues, boosted recovery rates, and dramatically improved overall system efficiency. ”

CAD Design / System Layout & Specification

