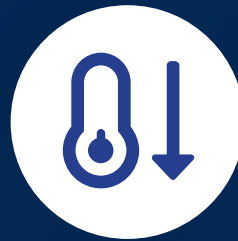


SolvAir's bespoke Air Solutions solve multiple issues for Aquapak's polymer extrusion line.



Significant
Energy Savings
Achieved



Cooling
Dramatically
Improved

SolvAir delivers cutting-edge drying and cooling solutions for optimal performance in high-speed polymer production facilities.

Problem

Aquapak's polymer production was hindered by inefficient water removal and cooling processes. Existing wiping for drying risked recontamination, while the compressed air cooling system was energy-intensive and potentially introduced water particles, compromising product integrity.

Implication

Suboptimal water removal and cooling processes posed significant risks to product quality and efficiency. High energy consumption from the compressed air system increased production costs, while the potential for water contamination threatened the integrity of the final product.

Solution

SolvAir created a bespoke two-stage Air System: a PX500-4.0kW with two 457mm Air Knives for water removal, and a PX1000-7.5kW with eight 457mm Air Knives for cooling. Mobile enclosures and adjustable controls provided flexibility and minimised energy usage.

Chris Davies

Managing Director
SolvAir UK

“The success of our dual-stage system at Aquapak underscores SolvAir's innovative approach to industrial challenges. Our solution not only improved drying and cooling performance but also addressed critical energy efficiency concerns.”

Final Installation

