

Prysmian Cables & Systems enhances energy efficiency with SolvAir's cable drying technology.



Compressed
Air Dependency
Eliminated



Significant
Energy Savings
Achieved

SolvAir's innovative Circular Air Knife technology transforms cable drying processes, enhancing energy efficiency for manufacturers.

Problem

Prysmian USA's cable production facility in Scotsville, Texas, relied on an inefficient compressed air system for cable drying. This method resulted in high energy consumption and operational costs, prompting the need for a more sustainable and cost-effective drying solution.

Implication

Prysmian's reliance on compressed air for cable drying resulted in unnecessarily high energy bills and operational costs. This inefficiency not only affected the company's bottom line but also hindered their ability to meet increasingly stringent industry sustainability requirements.

Solution

SolvAir delivered a tailored energy-efficient drying solution using an ARIA 200 2.2kW blower and a CA-04 4" (102mm) Diameter Circular Air Knife. This system effectively replaced compressed air drying, optimising energy usage, while maintaining high-quality cable drying.

Chris Davies

Managing Director
SolvAir UK

“ With our Circular Air Knife system, we've showcased SolvAir's ability to optimise high-volume cable production processes. Prysmian's significant reduction in energy consumption highlights our dedication to providing both efficient and sustainable solutions. ”

CAD/System Design

Prysmian
Group

