

CASE STUDY

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Flush with Success

Empowering an Australian Tissue Company to Meet Soaring Demand

ABC Tissue Products is the leading tissue paper supplier in Australia, with a strong reputation for providing trusted brands of toilet tissue, facial tissue, kitchen towels, and napkins. With manufacturing facilities in Queensland and New South Wales and a dedicated workforce of over 600 employees, the company has been meeting the diverse needs of Australian families for nearly three decades. Their wide range of household tissue brands include the best-selling premium Quilton and environmentally-friendly Earthcare. ABC Tissue Products is more than just a provider of quality tissue products, as they prioritize the overall health, hygiene, and well-being of their customers.

CompAir is a renowned brand, known for its expertise in compressed air solutions. With a rich history spanning several decades, CompAir has established itself as a global leader in the field of compressed air systems. Their products are characterized by exceptional quality, reliability, and energy efficiency, making them a preferred choice for a wide range of industries and applications. Whether it's rotary screw compressors, oil-free compressors, or portable compressors, CompAir's comprehensive product portfolio caters to diverse customer needs.

CompAir's expertise and specialized solutions have made them a key player in the paper and pulp industry, providing reliable and energy-efficient compressed air systems that contribute to the smooth operation

of critical processes such as paper drying, machine operation, and pneumatic conveying.

Struggling to Meet Demand

During the height of the COVID-19 pandemic, there was a notable increase in demand for toilet paper globally. This initial surge in demand can be

Overview



Customer

ABC Tissue Products



Location

New South Wales, Australia



Application

Pulp & Paper production air supply



Product

CompAir D160RS x 2, oil-free rotary screw compressors



Customer Benefit

Our flexible and customizable solutions enable the customer to align with the evolving needs of businesses embracing new realities during this transformative period.

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attributed to several factors, including initial panic buying, stockpiling for lockdowns, increased time spent at home, and disruptions in supply chains.

ABC Tissue Products initially struggled to meet this increased demand and sought to increase production from pulp to final product, including the construction of additional plant locations. However, just as it began to do so, an older oil-free compressor failed at their Wetherill Park site in Sydney, causing their existing plants to have to double production. The high cost of the repair made ABC Tissue seek a new compressor that would be significantly more reliable and offered minimal downtime.

After seeing the significant energy savings that our variable speed drive (VSD) compressors could offer, the customer chose to purchase two CompAir D160RS oil-free rotary screw compressors from our factory in Germany. These two units were purchased to support new sections of the factory's expansion, which will be replicated in ABC Tissue's production sites in New South Wales, Victoria, and Queensland. A total of seven oil-free compressors will be installed.

Additionally, each unit comes with a 6 year warranty. This provided ABC Tissue with some peace of mind following the failure of their existing compressor. As a result, the customer is planning to replace all old compressors beyond the planned expansions in the near future.

Prepared for the Future

CompAir is well-prepared to support customers as they navigate the changing landscape post-pandemic. With a global presence and a wide network of service centers, we can provide localized assistance to customers, ensuring prompt response times and minimizing downtime.

Our flexible and customizable solutions allow us to adapt to specific regional requirements, offering tailored compressed air systems that align with the evolving needs of businesses embracing new realities. Through collaboration, expertise, and

a customer-centric approach, CompAir stands ready to assist organizations in optimizing their compressed air solutions during this transformative period.

Key Features of the CompAir D160RS

Oil-Free Operation: Designed to provide 100% oil-free compressed air, it ensures the absence of any oil contaminants in the compressed air supply. This is crucial for applications where oil-free air is required, such as in food and beverage production, pharmaceutical manufacturing, electronics, and critical industrial processes.

High Efficiency: It incorporates advanced components and technologies to maximize energy efficiency. The compressor is equipped with an efficient airend, which optimizes the compression process, minimizing energy consumption and reducing operating costs.

Intelligent Control System: The compressor is equipped with an intelligent controller that allows for precise monitoring and control of the system. The controller can adjust the compressor's output to match the demand, optimizing energy usage and reducing unnecessary idling.

Compact Design: It has a small footprint, making it suitable for installations where space is limited. Its compact design also facilitates easy integration into existing compressed air systems.

Low Maintenance: The oil-free design eliminates the need for oil changes and oil filter replacements, reducing maintenance requirements. Additionally, the compressor features an advanced cooling system that enhances reliability and reduces maintenance intervals.

Environmental Friendliness: The absence of oil in the compressed air output eliminates the risk of oil contamination in sensitive applications and reduces environmental impact. It also incorporates features such as efficient cooling systems and energy-saving components, contributing to overall sustainability.