

Press Release

CompAir details the importance of sustainable compressed air systems for greener production

CompAir has published a new white paper to promote and guide businesses with strategies they can take to implement more sustainable and environmentally friendly compressed air processes, improving operational efficiencies and overall performance while reducing emission levels and energy costs too.

The white paper, which is titled "Compressed Air for a Sustainable Future", can be downloaded free of charge at https://gdg.gardnerdenver.com/CMP_ALL_WG_en_2202_MFG_Sustainable_LP2. It highlights the key developments within the compressed air industry that can help businesses to be more eco-friendly and advises on the latest innovations that can help decision-makers upgrade to greener systems.

Furthermore, it recommends several ways in which businesses can turn their compressor into a sustainable source of energy, by applying heat recovery, for example, and offers tips that can help units run more cost-effectively over time.

"Installing an ULTIMA air-cooled compressor is calculated to result in an annual reduction of 52 tonnes of indirect CO₂ emissions compared to a conventional oil free variable speed compressor.

That's equivalent to 5,207 trees!"

With total greenhouse gas emissions amounting to approximately 700 million tonnes per year, the industrial sector is the third-largest climate polluter in Europe. As such, there is a lot of pressure on industry to reduce its carbon output and become a greener sector. But reducing carbon emissions can help deliver improved operational efficiencies too.

One of the key topics discussed in the white paper is how modern oil-free compressors can help businesses achieve both sustainability and efficiency goals. Through oil-free air compressors, businesses cannot only guarantee the highest air quality standards, but also record less emission levels than similar oil-lubricated models. In many cases, whole life costs are reduced, with businesses able to save on the cost of oil replacement and lower maintenance expenditure. Oil-free systems are increasingly specified, due to their ability to deliver higher quality air, enhance efficiency levels and exceed environmental targets.

David Bruchof, Product Manager for Oil-free Compressors from CompAir said: "Compressed air accounts for a significant part of total energy costs for Europe's industrial manufacturers, which is typically about 10 per cent but can be as high as 40 per cent. Therefore, investing in environmentally friendly systems can go a long way towards the entire sector's carbon footprint.

"This white paper explores how businesses can use new technologies and equipment to help become greener and informs decision-makers on the best next steps to make their businesses' air compression systems more eco-friendly."

To download CompAir's new white paper, visit:

https://gdg.gardnerdenver.com/CMP_ALL_WG_en_2202_MFG_Sustainable_LP2

For more information on CompAir, please visit www.compair.com

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About CompAir

With over 200 years of engineering excellence, CompAir offers an extensive range of reliable, energy efficient compressors, dryers and accessories to suit all applications. An extensive network of dedicated CompAir sales companies and distributors around the world provide global expertise with a truly local service, ensuring CompAir's advanced compressor technology is backed up with the right support. CompAir has consistently been at the forefront of the compressed air market, developing some of the most energy efficient and sustainable compressors available today, helping customers to achieve or surpass their environmental targets.