

Vacuum System expansion to KIOO GLASS by PNEUMOFORE

A global leader in Rotary Vane vacuum pumps and compressed air technology, Pneumofore has expanded its vacuum system installation at Kioo, one of the largest container glass manufacturers in East Africa. The milestone follows nearly a decade of successful operation and strong customer satisfaction with Pneumofore's energy-efficient vacuum solutions for the glass industry.

TEAMING UP FOR GROWTH

The partnership began in 2016 with the installation of Pneumofore UV16 Rotary Vane vacuum pumps to support the moulding process of IS machines. Since then, the customer has relied on the proven reliability and efficiency of Pneumofore technology. Kioo Glass progressively expanded its system with additional UV16 vacuum units in 2017, 2018 and 2020 - bringing the total to five vacuum pumps operating continuously with high performance and minimal downtime. At Glasstec 2024, Kioo Glass engineers visited the Pneumofore booth to share their positive feedback and con-

firm their new plans for plant expansion. Based on their experience of the proven reliability and efficiency of Pneumofore's technology, Kioo Glass finalized an order for six additional UV16 pumps - thereby boosting the total vacuum capacity to over 10,000 m³/h at their Dar es Salaam facility.

MAXIMIZED ENERGY EFFICIENCY

Located on the East African coast, Tanzania is a country with high ambient temperatures frequently exceeding 30°C. This climate poses specific operational challenges. Kioo Glass required equipment capable of withstanding hot climate conditions. To



Expanding its proven vacuum system at KIOO GLASS, Tanzania's leading container glass manufacturer, PNEUMOFORE is now building upon nearly a decade of successful operations with a new installation that boosts capacity and efficiency with advanced UV16 Rotary Vane pumps tailored for tropical climates – ensuring energy-conscious performance.

meet these demands, Pneumofore will deliver the new units in the HC (Hot Climate) air-cooled configuration, ideal for tropical environments. All vacuum pumps will also feature Variable Speed (VS) drives for optimized energy efficiency and adaptability to the dynamic demands of container glass production. Kioo Glass operates its vacuum system independently, thanks to hands-on training provided by Pneumofore during initial commissioning of the first installed vacuum pumps. The total OEM-independence, low maintenance needs and robust design of the UV16 Rotary Vane vacuum pumps were key factors in choosing Pneumofore technology again to expand the installation.

GROWTH CHARACTERISED BY ENVIRONMENTAL STEWARDSHIP

Known for their low rotation speed, active sealing sys-

tem and low operating temperature, the UV series vacuum pumps offer unmatched energy efficiency and reliability over decades. When serviced regularly with genuine Pneumofore spare parts, these vacuum systems are covered by a ten-year energy efficiency warranty, demonstrating long-term performance. This latest expansion reinforces Pneumofore's dedication to sustainable, long-term performance vacuum solutions in demanding industrial environments. By supporting customers like Kioo Glass with reliable and energy-efficient equipment, Pneumofore contributes to lowering CO₂ emissions, reducing operating costs and offering the lowest Life Cycle Cost for industrial vacuum systems. ■



ABOUT PNEUMOFORE

Founded in 1923, Pneumofore manufactures vacuum pumps and compressors for industrial applications worldwide. The company's compressors and vacuum pumps are found worldwide - whenever customers require extraordinary reliability and constant performance over time. A leader in the Rotary Vane technology, Pneumofore solutions focus on efficiency, durability, minimal Life Cycle Cost and high environmental respect.



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