

Press Release from Atlas Copco South Africa

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Atlas Copco's ZT132 VSD Full Feature compressor operating at Coca-Cola South Africa's "Green" Valpré Bottling Plant

Coca-Cola South Africa selected Atlas Copco's ZT132 VSD Full Feature (FF) compressor for the company's new "green" Valpré Spring Water bottling plant that was recently opened in Heidelberg, south east of Johannesburg.

During the launch, the bottling plant also introduced Coca-Cola's new PlantBottle™ packaging. The PET plastic beverage bottle is the first ever packaging to contain 30% plant materials. 100% Recyclable and less dependent on petroleum, this environmentally friendly packaging is being used at nine other markets across the world but is the first in Africa.

Valpré's impressive "green" building is working towards the Leadership in Energy and Environmental Design (LEED), an internationally recognised certification for design, construction and operation of high-performance "green" buildings. This is the highest global environmental standard that a "green" building can achieve and the new Valpre Spring Water bottling plant will be the first of plant in Coca-Cola's Eurasia and Africa Group, which covers 90 countries, to achieve this much sought-after accreditation. The building is designed to maximise recycled materials and optimally use water and solar energy; the Heidelberg plant has a "zero to landfill" target, a reduced carbon footprint, lower water usage ratio, and will use energy efficient lighting and increase solid waste recovery. All windows were manufactured from recycled glass, local stone and aggregate were used and local builders assisted with construction of the plant.

Atlas Copco's Business Line Manager, Oil Free Air Compressor Division, Wayne Jacobs, says that the qualities of Atlas Copco's ZT reinforces the "green" credentials sought by Coca-Cola for this state-of-the art plant. "With Coca Cola's Valpré Spring Water bottling plant's intense green philosophy, we are proud that our energy efficient ZT132 VSD (FF) was the compressor of choice for the supply of oil-free air. Atlas Copco is sensitive to the need for maximum energy efficiency and minimum environmental impact. Both Coca-Cola and Atlas Copco share a commitment to a cleaner environment and the Atlas Copco Environmental Management System is integral to every business process.

2/...Atlas Copco ZT132 VSD FF at Valpré in Heidelberg

All our products are manufactured to ISO 14001 standards, with every care being taken to reduce carbon footprints and contamination to the environment”. Wayne adds that the energy efficient Atlas Copco Z compressor range delivers maximum productivity, minimum operational costs and uncontaminated end products. Atlas Copco leads the field in oil free compressed air technology and as the first manufacturer to be certified ISO 8573-1 Class O, sets the standard for air purity.

“Industries such as food and beverage, pharmaceutical, electronic and textiles simply cannot risk product contamination and thus demand oil free, clean compressed air,” elaborates Wayne. “We listen to and understand our customers and our engineers work tirelessly to achieve the highest standards of air purity, not only for product purity but also to prevent further damage to our already vulnerable environment. At our request, the Atlas Copco Z range of oil-free screw compressors was subjected to the world famous TUV Institute’s most rigorous testing methods. All possible forms of oil are measured across a range of temperatures and the TUV specialist detected zero traces of oil in the output air stream,” explains Wayne. “In fact, we were not only the first manufacturer to receive Class 0 certification; our Z range also exceeded ISO 8573-1 Class 0 specifications.”

The Atlas Copco ZT132 VSD (FF) oil free Class 0 screw compressor range focuses on using energy efficiently and sparingly. The Variable Speed Drive ensures that energy is used optimally as it matches fluctuating air demands. Energy can also be recovered by using the heat generated by the compressor for heating the building, boiler and bathroom water, etc. The units are safe, completely reliable and maintenance costs are negligible with few service interventions and long overhaul intervals.

The plan for the Valpré Spring Water bottling plant was developed in partnership with Lesedi Local Municipality and boasts a team of black, women operators. The bottling plant was designed with sustainability in mind and even when operating at full capacity, will only use six percent of the catchment area’s water so there is no negative impact on water supply or on the environment.

“We are all duty bound to work towards a cleaner, safer environment and by recycling, using energy saving globes, striving to make every process more efficient by using energy sparingly and wisely, and by selecting only equipment designed with a green philosophy, we can achieve this goal. Coca Cola’s Valpré Spring Water bottling plant in Heidelberg certainly bears testimony that this is an achievable goal,” concludes Wayne.

Atlas Copco is a world leading provider of industrial productivity solutions. The products and services range from compressed air and gas equipment, generators, construction and mining equipment, industrial tools and assembly systems, to related aftermarket and rental. In close cooperation with customers and business partners, and with 136 years of experience, Atlas Copco innovates for superior productivity.

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- 3/... Atlas Copco ZT132 VSD FF at Valpré in Heidelberg
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Headquartered in Stockholm, Sweden, the Group's global reach spans more than 160 markets. In 2008, Atlas Copco had 34 000 employees and revenues of BSEK 74 (BEUR 7.7). Learn more at www.atlascopco.com.

Oil-free Air is a division within the business area Compressor Technique of the Atlas Copco Group with the main production center located in Antwerp, Belgium. The division develops, manufactures, markets and distributes worldwide a vast range of oil-free air compressors, Air Optimization systems, Aftermarket products and total quality air solution equipment used in all kind of industries where the quality of the air is paramount for the end product and production process. The main product scope of supply of the division covers a wide range of oil-free air compressors, medium, low and high pressure variants, with various compression technologies such as rotary screw and tooth, piston, centrifugal and reciprocating piston boosters. Within the same pressure/capacity range oil-injected compressors are offered as an alternative for less critical applications. By nature and innovative design Oil-free Air cares for the environment. More information is available on www.atlascopco.com

Industrial Air is a division within the business area Compressor Technique of the Atlas Copco Group with the main production centre located in Antwerp, Belgium. The division develops, manufactures and markets worldwide a vast range of oil injected and oil-free air compressors and Quality Air Solutions used in all kinds of industries. Professional aftermarket support and air monitoring are equally part of the added value product offer. By nature and innovative design Industrial Air provides increased customer value and cares for the environment. More information is available on www.atlascopco.com.

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