

News from CompAir

Coca Cola Icecek purchases first CompAir oil-free machine in Turkey

As the largest bottler of non-alcoholic beverages in Turkey and operating six facilities across the country, Coca Cola Icecek needs production equipment that it can rely on to do the job and not cost the earth to run.

The company has recently invested in the very first CompAir DH oil-free machine sold in Turkey. The compressor, installed at its largest bottling plant in Corlu near Istanbul, is being used to deliver high quality and energy efficient compressed air for bottle rinsing on the new PET filling line.

APPLICATION DETAILS

Turkey is the fourth largest market in Europe for products of The Coca-Cola Company and the 13th largest market for Coca-Cola products in the world.* Coca Cola Icecek produces nearly 60% of all bottled carbonated drinks consumed in Turkey.

In a sterile bottling environment the need for clean air is paramount. At the same time, manufacturers also need to think carefully about energy usage. Josef Tari at Comp Air's Turkish distributor, Tahas, explains: "With no oil being used in the CompAir D75H SR oil free compressor at all, plus water lubricated bearings, there is no risk of product contamination and no environmental costs associated with oil disposal".

He continues: "Energy costs in Turkey are very high – around US\$ 0,10 per kWh. The CompAir D75H SR oil-free compressor, with its efficient switched-reluctance variable-speed motors balances energy input to air demand, ensuring that energy isn't wasted and reducing running costs. Its numerous benefits made it the ideal compressed air solution to meet Coca Cola Icecek's needs."

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The new Cold Aseptic NR PET line (CAF) and the new PET line are using sterile oil free air. If both production lines are working, a turbo compressor provides the majority of the compressed air with top-up air supplied by the D75H SR. When only the PET line is in operation, just the D75H SR is used, supplying all the air needed.

Selim Mizrahi, Coca Cola Icecek's Engineering Services Manager says: "We take great care selecting our suppliers as maintaining a sterilised environment at all times is of paramount importance. CompAir was our number one choice for the new PET line, as it is the only compressor manufacturer to produce 100% oil free machines, giving us total peace of mind as to the compressor's suitability for the job.

"The Corlu plant alone can produce 50 million physical cases of soft drinks every year which means our compressors need to work hard with minimal down time to ensure optimum production. Therefore reliability and energy efficiency are also key considerations. As with most beverage processing plants, we have variable shift patterns that result in inconsistent demand for compressed air. To ensure efficient compressed air operation, we chose a variable-speed compressor from CompAir to work alongside the fixed speed turbo compressor, to achieve optimum energy and operational cost savings.

*as of December 2005.

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