

tna LIFTS KNORR PERFORMANCE IN TURKEY

Leading packaging solutions supplier, **tna** has boosted productivity at Knorr thanks to the installation of the **tna robag[®] 3c** bagger. Since its introduction at the plant in Istanbul, Turkey, the **tna robag[®] 3c** – which represents a breakthrough in VFFS (vertical form, fill and seal) technology – has significantly increased Knorr’s operating efficiencies by boosting throughput, improving accuracy and ensuring minimum maintenance requirements.

The **tna robag[®] 3c** is central to a new production line at the Unilever Besan plant, which processes 3300 tonnes of powder product per year into soups, desserts and other instant food applications. Knorr drew on **tna**’s expertise in the effective handling of powder and free flow products to resolve its issues around burst packaging and the costly maintenance of its existing machinery, which were hampering its productivity and causing significant periods of downtime.

The company selected the **tna robag[®] 3c** bagger to address these challenges. Project engineer at Knorr, Atahan Özgünay comments: “We were looking for a reliable machine that required minimum maintenance. We are impressed with **tna**’s solution, which more than meets these needs. The **tna robag[®] 3c** has proven the missing link in our process. As well as rectify our fundamental problems around burst packaging and expensive machinery maintenance, the **tna** bagger has also allowed us to operate at far greater speeds; 1kg packs are processed at 14 packs per minute, and 3kg packs at 12 per minute.”

With optimised stripper tube closer and film control, the **tna robag[®] 3c** ensures seal integrity to prevent burst packages and reduce waste, while former changes with ‘auto connect’ and ‘unload assist’ features facilitate the bagger’s high speeds. These key functionalities benefit overall productivity and output. For a complete packaging solution, the **tna robag[®] 3c** can be seamlessly integrated with other equipment on the production line, such as **tna**’s multi-head scales for efficient and accurate weighing.

Manish Lowlekar, technical support manager, **tna** Middle East: “We take a flexible approach to business, working together with our customers to supply them with the best fit for their requirements. Our packaging

solutions are designed with the daily running of a factory in mind. We appreciate the role straightforward maintenance plays in establishments such as Knorr's, where even minor disruptions to the packaging line can be hugely costly. By minimising downtime and product waste, we have been able to help Knorr boost its productivity to optimum levels. ”

tna installs systems in more than 120 countries and offers project management and 24/7 support services to customers globally.

Editor's note:

tna is a leading global supplier of integrated food packaging solutions with over 6,000 systems installed across more than 120 countries. The company provides a comprehensive range of products including spraying, distribution, seasoning, weighing, packaging, metal detection and identification solutions, plus promotional and cutting equipment. **tna's** unique combination of innovative technologies, extensive project management experience and 24/7 global support ensures customers achieve faster, more reliable and flexible packaged food products at the lowest cost of ownership.

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