

“Our dates are now accurately packed in 5kg and 10kg boxes at the highest quality standards”.



AL FOAH (UAE)

Sarmad Abdulhameed
Maintenance & Engineering Manager

AL FOAH, based in the United Arab Emirates, is one of the leading suppliers of dates. The public utility company has different date factories and the largest organic farm in the world, using the latest technologies in date palm cultivation and dates production. The development of the date factories was an important challenge for Al Foah because accessing the international markets requires high-quality dates in sufficient quantities and a luxurious branded packaging. Currently Al Foah exports dates to 44 countries across the globe.

The Al Foah Organic Farm in Al Ain city required a fully automated packaging solution, because the manual process was no longer sufficient to meet the high growing demand of packaged dates. Sarmad Abdulhameed explains: “We

met Pattyn for the first time at the Gulfood exhibition in Dubai and were convinced that the company was able to meet our specific needs and offer the required services. They also have a good reputation in the market as specialist in bulk packaging technology.”

“The major challenge was the automated filling of the dates, as dates are a very sticky and difficult product to handle. In addition we wanted to increase the capacity up to 100 tons / day (both bulk and convenience packaging) and solve the manual and non-hygienic process. As dedicated supplier and partner Pattyn took responsibility for the complete and fully automated line consisting of a case erector, bag inserter with mechanical bag-in-box detection & air plunger, multi-head weigh filler, product press & shaker, bag decuffer folder, case closer, metal detector for cases, inkjet printer and all the required interconnecting conveyors.”

Sarmad Abdulhameed continued: “We are very satisfied with the results.

Our dates are now accurately packed in 5kg and 10kg boxes at the highest quality standards. With the high speed line we reach up to 9,6 tons / hour for 10kg boxes and up to 4,8 tons / hour for 5kg boxes. Thanks to the Pattyn product press with shaking and compacting system the dates are well compacted and levelled before the bag is closed. The case closer perfectly closes the box, ready to be transported. ”

“The completely automated and hygienic packaging line offers a durable solution and serves all the purposes for which it was designed. In addition the Pattyn Project Manager, which was responsible for managing the project from the order confirmation till the Factory Acceptance Test, did a great job”, concluded Sarmad Abdulhameed.

Watch the video at
<https://vimeo.com/194030789>

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PRODUCT & CONTAINERS

- Dates, packed into 5kg and 10kg boxes

CHALLENGE

- Automated filling of sticky dates
- Increase capacity and improve accuracy
- Improve quality of packed products

RESULTS

- Fully automated line, including product press with shaking & compacting system
- High speed line up to 9,6 tons / hour
- Minimum product give-away
- Perfectly closed box, ready to be transported