

“The fully automated Pattyn line complies with our requirements regarding operation, product quality, safety and reliability.”



PRODEMAN S.A. (ARGENTINA)

Ing. Germán Pisani
Maintenance & Engineering Manager

PRODEMAN S.A. is a family owned company established in 1984 and one of the most important peanut growers in Argentina. They produce, select, process, collect and export high quality peanuts. The ISO 14001 certified company, located in General Cabrera-Cordoba, employs 550 people.

Ing. Germán Pisani: “With a production capacity of 140.000 T/year, we required a fully automated packaging solution to optimize the profitability and to increase the handling capacity. Also cost reduction was crucial.”

“After a detailed analysis of our needs, a layout was made and the flow from raw materials to finished product was determined. Pattyn proposed a complete packaging solution, including the integration of the existing Pattyn case erector and linear weigh filler.”

“The result was an installation of a fully automated line to pack and weigh fill peanuts into 15kg, 20kg and 25kg boxes with a capacity of up to 6T/hour. This includes a Flexim-31 bagmaker inserter, check weigher with reject mechanism for cartons out of specs, DS-21-HE bag heat sealer with vacuum and gas flushing options, integrated case closer CC-11-E and interconnecting driven roll conveyors. With the new line **operational errors are solved** and we could significantly **reduce box forming, filling and sealing times**. Also the **cost of PE film has been decreased**, since we now use bags from a roll. Additionally we can guarantee **extended product shelf life** thanks to the vacuum and gas flushing options on the bag decuffer heat sealer.”

“We could count on a **personalized support during the entire project and also after start-up.**”

“Operators and maintenance staff received training about each machine

and all machines were fully tested with the requested recipes.”

“The final results are favourable, with some minor issues to be solved. We have **a lot of time and cost savings** and now **handle a larger diversity of packaging.**”

Ing. Germán Pisani concluded: “The relationship with Pattyn was excellent, we were very satisfied about the experienced technicians and we can look back on a commissioning without problems.”

“For any future purchase, I would choose Pattyn again without hesitation.”



PRODUCT & CONTAINERS

- Peanuts packed into 15kg, 20kg and 25kg boxes

CHALLENGE

- Optimize the profitability and capacity of the line

RESULTS

- Fully automated line up to 6T/hour
- Reduced box forming, filling and sealing times
- Reduced costs
- Extended product shelf life