

“Pattyn is the most valuable partner within the industrial packaging automation sector”

PANIKE (PORTUGAL)

Mr. Henrique Soares
Industrial Director

PANIKE is a family owned company, founded by Henrique's father 34 years ago. Throughout the years Panike has become a leading producer in the Portuguese market as well as across the globe for frozen bakery and pastry products.

Many changes have occurred since the first Choripans, which were made by hand and sold locally. Now, with several state-of-the-art factories including fully automatic production lines, the focus was clearly set on innovation while still remaining an ambassador of the Portuguese traditional culture with symbolic products like Pastel de Nata.

Henrique Soares explained:

“We wanted to control, count and automatically pack Rustic breads in a wide range of sizes from 50gr. to 1000gr. We were also aiming to pack small bread products inside bags in small quantities. Together with Pattyn we worked out a solution which is able to **pack the entire range of products with 2 different methods**: one through vertical baggers for small products and one using 6-axe robots to pack artisan breads.

The choice for Pattyn stems from **many years of experience and cooperation**. We already had several Pattyn lines and we think they are the most valuable partner within the industrial packaging automation sector.

Pattyn offered a robotic pick & place solution using ABB robots with special grippers, designed by the company.

The same vision system installed at the exit of the freezer, has the capacity to:

- control the product's dimensions and remove the non-conform ones
- manage the robots and pack bread in organized patterns
- count and separate batches of small products at high speed
- feed a vertical bagger (Innotech)

One of the typical features of this solution is the ability to **pick & place products directly on the belt** to be packed in bags of 5 baguettes.

The organized batch of long products goes into a side sealer (Beck) and a shrinking tunnel to make adjusted flat bags which are then automatically placed in an American box.”

Henrique continues: “Pattyn managed the entire packaging process, from case



erecting through bag inserting and case closing, up to automatic palletizing of the boxes coming from the several different production lines.

Without losing focus on maximum ease of use, Pattyn also invested a lot of time in fine tuning the line to obtain the **best possible solution for all different products, packaging styles and recipes**.

A little time after starting up and improving the line with both teams, the expected goal was achieved! To master this new automated packaging solution, we also felt the importance to improve the skills of our team by training, which was well organized by Pattyn.”

Henrique Soares concluded:

“The experience with Pattyn was very good, from the initial sales to service. But we were especially satisfied with the follow-up done by the Project Manager.”



“Pattyn offered the best possible solution for all different products, packaging styles and recipes.”



PRODUCT & CONTAINERS

- Packing of Rustic bread
- 4 bags of baguettes into 1 box
- Bags with small products

CHALLENGE

- Combine a VFFS solution with a robotized solution, using the latest technology

RESULTS

- Fully automated line to pack the entire range of products
- Perfect organisation of products
- Versatile solution