

BREAD MANUFACTURER ANTIC CHOSE ROBOTIQ PALLETIZING SOLUTION OVER TRADITIONAL AUTOMATION.



Antic
VALERO  GRUP



Industry
FOOD – BAKERY



Solution
PALLETIZING



Location
SPAIN



Units
2



Company Size
200



Key Result
50% COST SAVINGS

INTRODUCING ANTIC – GRUPO VALERO

Antic, a leading bread manufacturer under Valero Group in Spain, specializes in pre-cooked bread, frozen bakery products and pastries. They have been distributing bread throughout Spain for over 60 years.

Antic was confronting challenges in their palletizing processes. They were manually palletizing on two lines and looking for a scalable, automated solution that could adapt to different product weights and boost their operation's speed. The solution also had to be easy to use and operator-friendly to allow on-site programming. Additionally, labor shortages were a looming issue.

Their search led them to the Empack trade show in Madrid, where they met Vicosystems, a Robotiq Spain-based Expert Partner. It was here that Antic discovered the AX10, Robotiq's transformative palletizing solution.



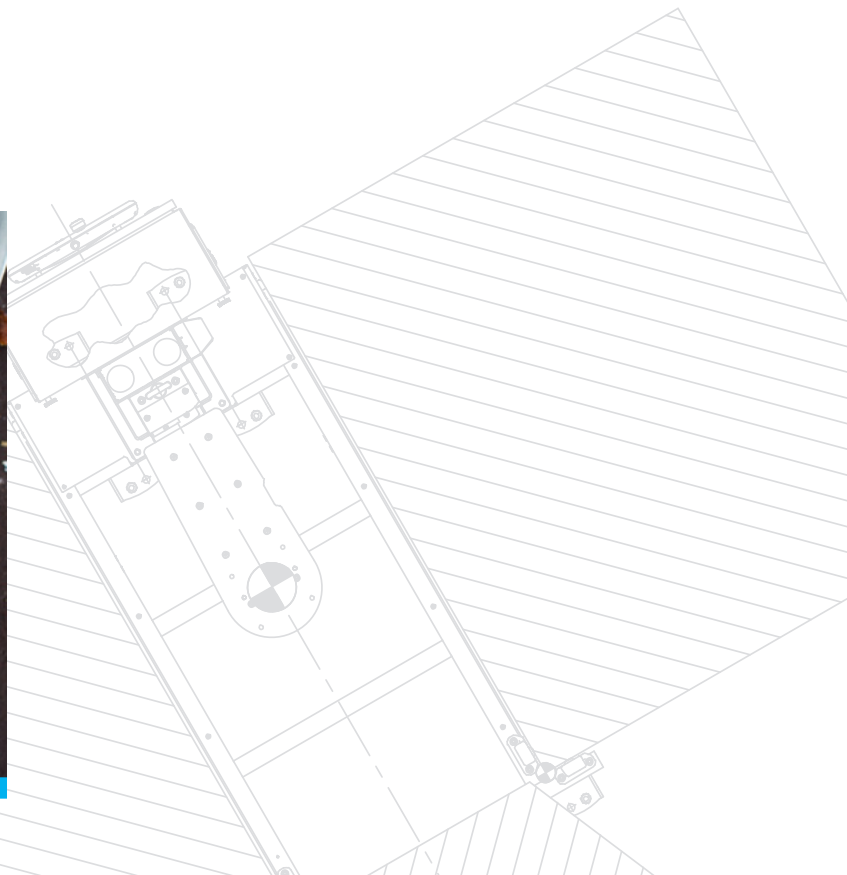
Rafael Valero Beteta,
Director of Operations, Antic



Rubén Botto,
Production manager, Antic

“ At the fair, we visited almost all, if not all, of the stands, and the one that cut our attention the most was Vicosystems' Robotiq Palletizing Solution demo. I said to myself: 'It can't be that easy!' ”

— Rafael Valero Beteta, Director of Operations, Antic



50% COST SAVINGS

by opting for cobots
instead of traditional robots

Before getting acquainted with Robotiq Palletizing Solution, Antic operations team was about to start their project with a traditional robot brand.

However, this alternative required double the investment and to free a significant footprint for 4 robots. As Antic diligently searched for the most user-friendly and cost-effective solution that aligns with their needs, Robotiq proved to be the perfect solution.

A great outcome for the implementers as they were able to achieve the **same level of work with just 2 palletizers**, thanks to the efficient Multipick functionality and the maximized cadence that Robotiq's solution offers.



*“ The traditional robot, the non-collaborative one, is on a different price level. And the collaborative ones, **no one did for us what Robotiq has done.** Because for every Robotiq robot, we would have needed two of the others. ”*

— Rafael Valero Beteta, Director of Operations, Antic





PALLETIZING SOLUTION

THE SOLUTION

Robotiq's AX10 stood out to Antic for its lifting capacity of up to 12.5 kg. This capability promised scalability, allowing Antic to lift 7 kg cases on one line and 9-10 Kg cases on the other line, with room to accommodate potential growth.

Vicosystems collaborated closely with Antic and Robotiq to conduct a risk assessment. This assessment tested the lifting capacity of PowerPick, Robotiq's gripping tool. Being able to lift up to 12.5 kg, PowerPick successfully lifted 10.5 kg, surpassing expectations and further establishing the AX10 as a viable solution for Antic's needs.

Pallet height up to

2750 MM

(108 in.)





IMPROVEMENTS AND BENEFITS

The pre-installation tests were not only a success but also opened up opportunities for several enhancements tailored to Antic's unique needs. One of the standout features was Robotiq's proprietary palletizing software, which played a crucial role in achieving the desired operational cycle time.

The implementation of AX10 led to remarkable operational efficiency, meeting Antic's growing customer demands. It also made the palletizing process less labor-intensive, freeing up their operators to focus on more engaging tasks.

Antic's Line Manager, dedicated to the palletizing process, and operators now enjoy a more streamlined operation.

They are also empowered with a user-friendly system allowing easy product changeovers, and making them the true masters of their line. Let's also mention that they are no longer exposed to injuries caused by manual palletizing.

30% +
production speed

TRANSFORMATION AND SUCCESS

The success story of Antic's integration of Robotiq's AX10 Palletizing Solution underscores **the power of collaborative partnerships**. The unwavering collaboration between Vicosystems, Antic's team, and Robotiq was instrumental in this triumph.

With Robotiq's AX10 Palletizing solution, Antic successfully transformed their palletizing operation into a more **efficient, scalable, and operator-friendly system**. This success story testifies to Robotiq's commitment to providing advanced, practical solutions that go beyond just meeting needs—they revolutionize processes and set a new standard for operational excellence.



Unlock greater potential with Robotiq Palletizing Solution and find out how it can transform your business operations.

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