

Flexible logistics to adjust to business changes

ETESA, a distributor of spare parts for public works, agriculture and mining machinery, controls 2,000 SKUs with Easy WMS warehouse management software.

Country: **Spain** | Sector: **component & machinery manufacturers**



CHALLENGES

- Cope with business expansion in a new logistics facility with **greater storage capacity**.
- **Prevent stock mismatches** in goods management.

SOLUTIONS

- Easy WMS **warehouse management software** from Mecalux.
- **Pallet racking**.
- **M7 heavy duty shelving**.
- **Cantilever racking**.

BENEFITS

- Preparation and dispatch of **25% more orders** than before.
- Error-free monitoring of **2,000 SKUs** in real time.





In business since 1968, ETESA is a Spanish company that distributes spare parts for earth-moving equipment employed in mining, public works and construction. The spare parts are made from high quality steel — with an optimum ratio between hardness and toughness — for use in demanding working conditions.

» **Founded in: 1968**

» **No. of employees: 16**

Change and transformation are part of ETESA's makeup. The company began doing business in 1968 as a manufacturer of high-quality steel. In recent years, it has specialised in the sale of spare parts and anti-wear material for public works machines. The organisation's ability to adapt to new market requirements has driven its expansion: "In 2022, we've grown 15% more compared to last year," says ETESA's Juan Puertas.

To respond to market changes, ETESA's supply chain has had to evolve constantly. One of the most recent business changes the company underwent was the opening of a 4,000 m² warehouse in Mecó (near Madrid, Spain). "Our former distribution centre didn't have enough space for us to operate. We struggled to manage all our products — we even had to hire external logistics providers. The lack of capacity was limiting our future growth prospects," says Puertas.

Additionally, in the previous facility, all operations were carried out manually. "We used our enterprise resource management (ERP) system and Excel files to track our merchandise and organise operations such as order

Three storage systems

ETESA knew exactly what it was looking for: "When moving to this new facility, our priority was to obtain more storage capacity to house all our products of different sizes and turnovers," says Puertas.

Before, the company had difficulty in organising its goods, which had an impact on operational performance. "For example, operators would waste time preparing orders because they had to move a number of boxes before they found the ones they needed," says Puertas.

The new ETESA warehouse is equipped with three Mecalux storage systems that facilitate the correct organisation of the products: pallet racking, M7 heavy duty shelving and cantilever racking.

"The SKUs are sorted much better," says Puertas. Large profiles, for example, are deposited on the cantilever racking, while small items are placed in the M7 heavy duty shelving.

Housing each product in the right storage system gives the company another advantage: operators can locate the goods they need more easily.

fulfilment. It was a very primitive way of working," says Puertas. The Sage 200c ERP system would monitor goods receipt and order dispatch operations. "Sometimes, the stock we had in the warehouse didn't match what was recorded in the ERP. Consequently, we couldn't prepare certain orders because we were short of those items," says Puertas.

As the pace of work picked up, the company decided to implement a more sophisticated system capable of managing its logistics processes and boosting productivity in the facility. "We installed Easy WMS warehouse management software from Mecalux to eliminate any possibility of error in our operations and avoid stock imbalances. We also wanted

Easy WMS enables ETESA to process and dispatch 25% more orders a day



“By automating our warehouse management processes with Mecalux’s Easy WMS software, we make far fewer mistakes than we did in the past. Now, we prepare and ship 25% more orders a day and can access items more easily.”

Juan Puertas
ETESA



With Mecalux’s Easy WMS, ETESA has improved its inventory management. This operation consists of counting the products in the warehouse one by one to know the stock levels and identify mismatches. This program sends instructions to the operators on which items to locate, making the overall calculation more effective. “It used to take us two weeks to do inventory. But with the software, we’ve cut that time in half,” says Puertas. Moreover, Easy WMS takes perpetual inventory: it knows the movements the products make in real time.

Order fulfilment is a key operation in the ETESA warehouse. Every day, operators process orders that are distributed worldwide. “Thanks to Easy WMS, we prepare and dispatch 25% more orders daily,” says Puertas. Proper organisation of the goods results in more agile operations.

Workers are assigned to a specific work zone in the warehouse. As directed by the Mecalux software, pickers walk up and down the aisles, removing from the racking the items they need to fill orders. “Easy WMS is extremely user-friendly. Our operators have adapted well to the technology, and it’s improved the way they work,” says Puertas.

Ever-changing logistics landscape

ETESA overhauls its logistics operations continuously to adapt to market changes. Business expansion has led to an increased workload, which can only be managed through well-organised processes and tight stock control.

Mecalux’s Easy WMS is the cornerstone that fosters ETESA’s growth. The software ensures flexibility to adapt operations to new business demands. The program will support the company in any future project it undertakes.



to control our goods more accurately and gain traceability of our 2,000 SKUs in real time,” says Puertas.

Advanced warehouse management

Mecalux’s Easy WMS software program intervenes in all processes in the facility, from the receipt of products sent by suppliers to dispatches of orders to customers.

Easy WMS sends operators instructions via their RF scanners on how to perform their tasks. For instance, it shows them where to find the items they need and how many to remove from the locations. Following the software’s instructions step by step has brought ETESA numerous benefits: “Digitising warehouse management has helped our operators become faster. We also make far fewer mistakes than we did in the past,” says Puertas.

The program monitors product movements in the facility and controls their status in real time. “Before, when supervising the goods manually, we had inventory discrepancies. There were times when we thought we had an item in stock, but when we needed it, we discovered that it wasn’t actually there,” says Puertas.