



AUTOMATION FROM A TO Z

Case Study // Massilly

At the French metal packaging manufacturer Massilly's main production site, production has been running largely automatically for some time, so it was only logical to exploit the full productivity and safety potential of automated solutions in logistics as well – with autonomous Linde L-MATIC pallet stackers.



Company: Massilly, Cluny (France)
Industry: Metal processing
Task: Automation of intralogistics processes with simultaneous increase in safety and productivity.
Linde solution: Implementation of autonomous Linde L-MATIC pallet stackers for pallet transport.



Clear paths, safe transport

Thanks to the use of a Linde L-MATIC with geo navigation, Massilly was able to avoid the need for a bulky conveyor belt or a guided transport solution.

Task

As a classic hidden champion and the world's third-largest producer of tin lids for can packaging, Massilly has been relying on automated solutions in production and logistics for many years. To be able to meet constantly increasing demand with the best possible quality, the last process step in production – the transport of packed pallets to the warehouse – now also needs to run without any human interference.

Challenge

Massilly's key requirement was to keep the path between the packing station and the warehouse clear, which is why a conveyor belt was out of the question, as was a guided transport solution. The customer wanted to retain the freedom to adapt the routes as flexibly as possible to the respective conditions.

Solution

Massilly had already had good experience with Linde L-MATIC trucks in the past: The autonomous industrial trucks already remove the pallets stacked by a robot from the palletizing machine and then place them on the film wrapping machine, which is also automatic. The final process step – unloading the finished packed pallet and transporting it to the finished goods warehouse – was also entrusted to Linde L-MATIC trucks with geo navigation.

Advantages

Thanks to the integrated „map“, the Linde L-MATIC devices orient themselves completely independently in the room – without the need for aids – such as laser reflectors, rails, etc. In addition, the number of accidents has decreased significantly due to the automation of the final process step. By investing consistently in automation, the family-owned company is also able to hold its own against cheaper competitors in emerging markets thanks to its high-quality products, thus securing jobs in the long term.



»The vehicle knows the layout of the factory and reacts in real time when, for example, a member of staff crosses the track.«

Christophe Marteau,
Chief Technical Officer, Massilly

Roll it!

The button leads you directly to our video, which shines a light on the project at Massilly in all its facets.

