Expanding warehousing space for end products and increasing the efficiency of processes

CASE STUDY

Okocim Brewery brewing history is longer than 170 years. Currently, Okocim Brewery is not only the largest brewery of the Carlsberg Group in Poland, but one of the largest and most advanced breweries in Carlsberg Breweries in Europe. The manufacturer's challenge was to optimise the use of the existing warehousing infrastructure to provide more room for end products, automate processes and integrate them with existing systems.

COMPANY
CARLSBERG SUPPLY COMPANY POLSKA S.A.

INDUSTRY / PRODUCT
FMCG / BEVERAGES

DEDICATED SOLUTION
PALLETS DISTRIBUTION SYSTEM

MANUFACTURER’S CHALLENGES

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AUTOMATED PALLETS DISTRIBUTION INTEGRATED WITH THE EXISTING PRODUCTION LINES.

Europa Systems have designed, manufactured and implemented a system of buffering and transportation of pallets with empty returnable packaging from the external warehousing area to the pallets unloading systems. This solution has freed space in the end product warehouse. The entire system comprises more than 50 devices with a total transport length of 70 m. The conveyor line has become a buffer zone for the pallets with empty bottles. Furthermore, the system has been equipped with a module that counts the number of transported units, used for internal control and customer billing.

BENEFITS

COST REDUCTION
The implementation of the automated conveyor line has reduced the forklift fleet minimising its operating costs.

INCREASED WAREHOUSE SPACE
The applied solution eliminated transportation routes and the returnable packaging buffer zone in the warehouse. This has released extra storage space for the end product.

SAFETY
The solution designed by Europa Systems conforms with the highest safety standards. Moving of the pallets to the unloading systems is carried out by the automated conveyor line which does not limit the communication routes but eliminates the risk of collision with other infrastructure elements and, most importantly, increases the employees’ safety.

ECOLOGY
The elimination of forklifts has reduced exhaust emissions.

MORE INFORMATION:
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We began our cooperation with Europa Systems two years ago purchasing a pallet conveyor. Now we consult ES engineers each time when new ideas related to our intralogistics emerge. We regard the cooperation with Europa Systems as very successful.”

Marcin Będlin
Warehouse Logistics Manager
Carlsberg Supply Company Polska S.A.