Tyre logistics for ESKA, with the logistics service provider CEVA Logistics

CEVA Logistics is the second largest provider of logistics services worldwide. A wide range of logistics services form the central aspect of CEVA Logistics' business activity – ranging from consultation, conception and development right through to the implementation and start-up of complete supply chain solutions.

At their Regensburg site, CEVA Logistics runs the central warehouse (set up in 1989) for ESKA-Reifendienst GmbH, a tyre service and trade company. From here, ESKA supplies customers from all over the world. In an area of about 8,500 square metres, they store up to 250,000 car tyres and approximately 2,000 truck tyres. ESKA is represented at 10 locations in Mid-Franconia, Upper Palatinate and in

Lower and Upper Bavaria. As a result of their long-standing partnership and many joint projects within the area of tyre logistics, CEVA has commissioned PSI Logistics to supply their Warehouse Management System, PSI*wms*. The warehouse in Regensburg operates manually and without materials handling. The various material groups and types of goods issues are supported by special picking procedures. Customer-specific requirements for shipping are completely integrated into PSI*wms*.

Requirements

The tyre warehouse consists of approx. 15,000 carrier units in 7,000 storage locations. 3,000 of these are in manual narrow-aisle storage facilities, 2,000 are in shelf storage and 600 are in block storage. In addition, there are various areas for related products such as hoses, wheel bolts, batteries and a modular shelving system to store small parts. PSI*wms* controls the goods receipt, the picking, the goods issue and the shipping. Depending on the season, 100-800 orders containing up to 1,500 items must be processed each day. Using purely manual processing, CEVA can be very flexible in how it reacts to seasonal fluctuations. PSI*wms* uses special strategies for the optimal storage and handling of various material groups and for the operation of warehouses in the hall to support very simple processes that can also be adapted very quickly, even by temporary workers.

PSI*wms* functionality in the ESKA tyre warehouse

- Special picking strategies for the various items – from large tyres for agricultural use to valves
- Picking from the block
- Shipping via DPD
- Importing DPD routing data
- Printing DPD labels
- User-friendly packaging that is specially tailored to DPD packages
- DPD-specific package reporting
- Sending to Wincanton using special labels
- Interface to Wincanton

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