



KNAPP Logistics Automation is one of the leading suppliers of all-in-one intra-logistic solutions and turnkey systems worldwide in warehouse automation and warehouse logistics software.

“Making complexity simple” – from manual to fully automated goods-to-person picking and storage systems to intelligent warehouse control, Knapp can help make your complex operation simple!

Please visit our Booth #1512 at ProMat 2011.



Goods-to-Person Solutions

The OSR Shuttle™ is an automated storage system for small parts, incorporating Pick-to-Light/Put-to-Light technology based on the classic goods-to-person principle. The OSR Shuttle™ has been developed to provide high product density for a large product range while being able to deal with great quantities of small orders. Depending on the system configuration, a picking performance of up to 1,000 order lines per man-hour is possible.

The required orders are grouped together (batch picking) and transported to a workstation. Bright displays indicate to the operator both the position and the quantity of the product to be picked as well as the position of the container to which the product(s) should be transferred.



KiSoft Vision

Augmented Reality presents information through data goggles at exactly the time and place at which they are relevant. Pick and target tote confirmations are performed optically. There is no need whatsoever for an additional input device. KiSoft Vision consists of control software, a head-mounted display and an integrated camera. It can easily be integrated into existing warehouse management systems.

The integrated navigation system allows staff to be guided through the warehouse without any difficulty. Route optimisation allows distances travelled to be minimised. Licence plate tracking ensures 100% error-free picking. All picked items and target totes can easily be checked visually. Lot numbers or serial numbers can be recorded without the employee having to perform any additional steps.



KiSoft Automove

With KiSoft Automove, standard forklift trucks can be converted to automatic forklifts regardless of make. Guided by laser navigation, they move independently through the warehouse without fixed floor installations, thereby permitting multi-use of the transportation routes.

In the picking process the vehicle accompanies the picker, which dispenses with the constant climbing on and off the forklift. The picker who would have had to operate the forklift truck now has both hands free for picking and can work more efficiently. The picking order is transmitted in an optimized sequence to a mobile terminal. The picker takes the required number of goods, places them on the automated forklift truck with load carrier and confirms the process, whereupon the forklift proceeds to the next location.



KiSoft Supply Chain Execution

With more than 1,200 active systems and one new startup each week, KNAPP is the leading European software supplier of efficient logistic solutions. The software has been significantly expanded in terms of material flow and warehouse management functionalities.

KNAPP customers profit through the mapping of the entire supply chain and cross-location processes such as order splitting across multiple warehouses, stock balancing and replenishment between the warehouses, and cross-docking. Statistics permit the easy and effective analysis of the complete supply chain, instead of just isolated warehouse processes. KiSoft Track & Trace offers a 100% delivery check of all goods as well as a system guided taking back of empties (pallets, containers, cool boxes...).