

Driving Down Costs in Order Picking



A new concept in order picking...

Imagine a new picking concept that boosts productivity and picking accuracy, leading to savings of up to 40%?

In the warehouse cost and efficiency has to be measured at every step. How can you increase productivity and decrease costs by better utilising the resources you already have – your staff and your truck fleet?

Toyota Material Handling Europe (TMHE) has a solution. Based on automated trucks from the TMHE range, the system coordinates your pickers and automated forklifts so that, every time an operative picks an item, there is always a forklift ready to receive it.

In this way picking productivity increases substantially.





... that transforms productivity

This is how it works...

The warehouse management system sends the customer order to the picker and the forklift simultaneously. The picker receives the order instruction verbally via a headset. At the same time a forklift automatically drives to the right position and elevates its forks to the right height. The picker can now select the order and place the goods in an efficient and ergonomic way on the pallet. The forklift then automatically escorts the picker to the next position. It means the human resource is dedicated to picking the goods, rather than driving the truck.

When the pallet is almost full the system sends a new truck with an empty pallet to the picker. At the same time the truck with the full pallet goes to the despatch area. The picker continues to work on the next order without interruption, never leaving the picking area.

After leaving the pallet at the despatch area, the truck picks up an empty pallet and is ready for a new order.

The system is designed for safety. There is no risk of collisions with pickers or other trucks because all automated forklifts drive at controlled speeds and can sense obstructions and stop immediately.

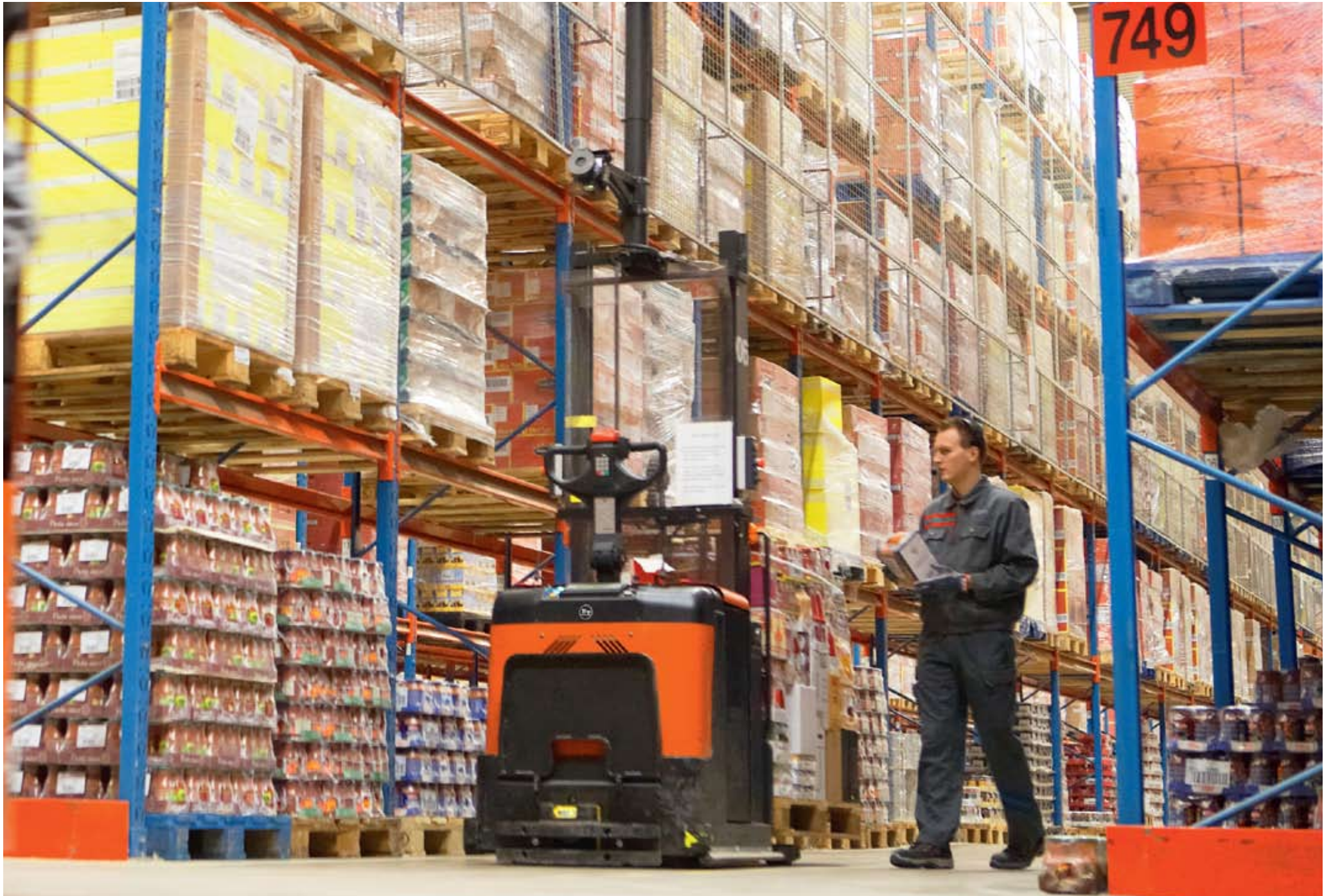
... increasing productivity by up to 40%

- reduced workforce costs
- reduced risk of work-related injuries
- less damage to goods and infrastructure
- fewer picking errors
- less physical strain for the picker
- effective 'just-in-time' picking
- transformed productivity without expensive investment in new buildings or full automation...

... these are just some of the benefits.

You can easily integrate TMHE's solution with your warehouse management system, eliminating unnecessary costs in your order picking processes. Furthermore, the trucks use less energy and last longer as all driving is smoothly controlled. The automation technology is based on laser guidance and is well-established and proven. The BT Autopilot truck unit is flexible and can easily work alongside conventional manual picking methods as part of a complete logistics solution.

Talk to us to find out what TMHE can do to drive down costs in your order picking operation.





TOYOTA MATERIAL HANDLING EUROPE, MANAGING THE TOYOTA AND BT MATERIALS HANDLING BRANDS IN EUROPE

TOYOTA

MATERIAL HANDLING

stronger together