

MOBILE ROBOTS STRENGTHEN KONGSKILDE INDUSTRIES



Kongskilde Industries' technology investments are about strategy: about where you want to go in terms of growth via flexible automation.

The specific investments are driven by the goal of efficiency, differentiation and the desire to solve a number of specific challenges. Initially, it is about process optimization, and subsequently the goal is to strengthen the lean effort and improve the production itself.

Kongskilde Industries wanted a flexible mobile solution with proper muscle power and sufficient lifting capacity. The goal was a flexible automation solution that could reduce the inventory levels, ensure faster conversion and automate the internal transport processes between 6-8 positions.

Flexibility & Reduced

Inventory Levels

Kongskilde Industries

“For us, Industry 4.0 is about making our production and assembly as flexible, lean and integrable as possible. By, for example, increasing the degree of automation of our internal processes, it becomes faster, easier and easier for us to reach the next level of productivity gains.”

Jeppe Lund, CEO, Kongskilde Industries A/S



THE SOLUTION

In collaboration with Technicon, Kongskilde Industries chose a MiR500, which is designed to automate the transport of pallets and heavy loads in different types of industries and developed to handle many different internal transport tasks:

- Lifting capacity of 500 kg
- A size of 1350 × 920 mm
- MiR500 can see 360 degrees around itself, creating optimal safety
- Maneuvers safely and efficiently around people and obstacles, even in very dynamic environments
- Does not require changes to the existing workplace

STREAMLINING OF TRANSPORT IN THE STOCKROOM

The MiR500 is a powerful and robust collaborative mobile robot that maneuvers safely around people and physical obstacles. With its advanced technology and sophisticated software, the robot can autonomously navigate around and find the most efficient route to its destination, thus giving Kongskilde the desired process optimization.



KONGSKILDE'S BENEFIT

- The many different internal transport tasks are handled efficiently and safely
- Resource-liberating productivity gains - valuable employees are freed up for other projects
- A flexible automation solution that is quick to install, flexible to adapt and easy to operate

“ It costs next to nothing for us because the robot earns itself back so quickly. We see many opportunities to increase investment in flexible automation. Now we get to know the equipment and then we take the next step. This is a strong learning process for us, and I consider it the first part of an exponential learning curve that we have now chosen to invest in self-propelled robots. “

Jeppe Lund, CEO, Kongskilde Industries A/S