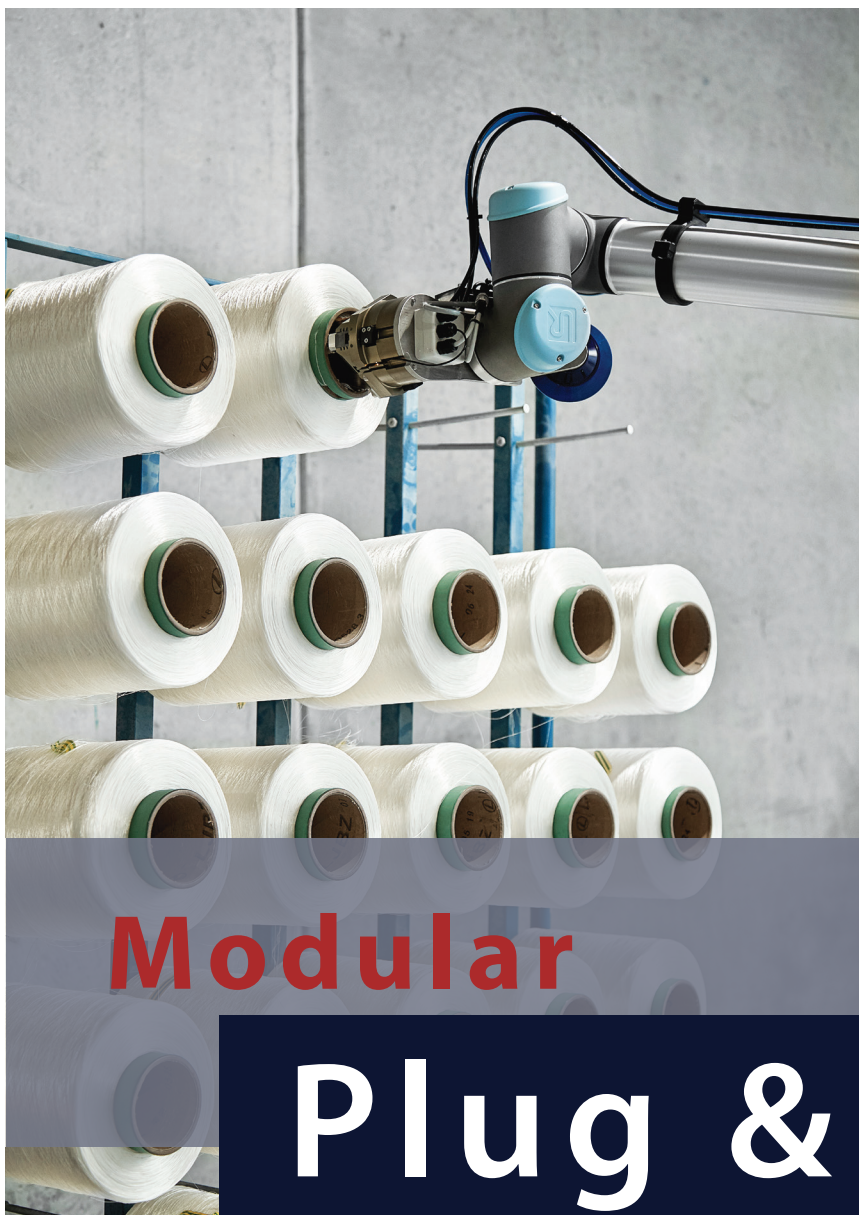


ROBOT SOLUTION REMOVED WORK ENVIRONMENT PROBLEMS AND STRENGTHENED PRODUCTIVITY



A few years ago, KE Fibertec Væveri A/S faced two key challenges.

The company wanted to improve the working environment: all heavy and monotonous lifts in production had to be removed.

At the same time, management wanted to strengthen the degree of automation so that productivity and competitiveness were strengthened.

The solution was to be

- Flexible
- Simple
- Quick to implement

Modular

Plug & Play

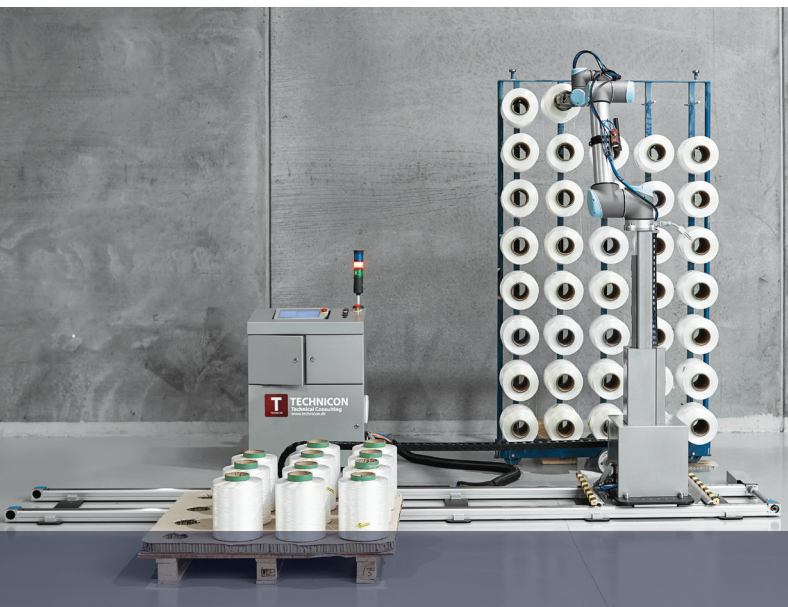
KE Fibertec Væveri A/S

“ Our work environment problems consisted of the fact that we previously had many heavy and inconvenient lifts at floor height and above shoulder height with 6 kg heavy balls of yarn. Robot technology was not the first thing we thought of, and the original solutions we came up with were discarded for various reasons. We had to look at other solutions, and thus the idea of letting a robot handle the problem was born. “

Frank Hansen, CEO KE Fibertec Væveri A/S

“ In close collaboration with Technicon, we started the project. Gently, we went from ideas on paper to concrete solutions and over to a clear roadmap, which was approved by the board. We found that Technicon was very competent, and during the process we were guided safely ashore. ”

Frank Hansen, CEO KE Fibertec Væveri A/S.



THE SOLUTION

Technicon delivered a modular plug & play solution composed of selected standard products from their range:

- A UR10 robot that can lift up to 10 kg. It creates the right lifting capacity
- A combined horizontal gantry and vertical lift stand that ensures the optimal working radius
- Gripping tool
- Software
- Installation and running-in

BETTER WORKING ENVIRONMENT AND INCREASED PRODUCTIVITY

KE Fibertec chose a gantry solution where the robot can work in 4 meters horizontal length. By combining the gantry with the lift stand, which can lift the base of the UR10 robot from a height of 900 to 1,400 mm, KE Fibertec achieved the optimal working radius and lifting capacity.



KE FIBERTECS BENEFITS

- The many heavy, monotonous twists and long lifts are over. The robot has relieved the production staff's backs, legs and arms
- 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

“ We have not for a second regretted that we opted for flexible automation. We think that it works according to plan and that it all comes together. It is an investment that is quickly recouped. ”

Frank Hansen, CEO KE Fibertec Væveri A/S.