

WIErgo: For a Healthy Work Environment

Creating a workplace where employees feel comfortable and stay healthy is a top priority for WIKUS. This includes ergonomic design as part of the WIErgo initiative. In collaboration with the Department of Mechanical Engineering and Work and Organisational Psychology at the University of Kassel, WIKUS is currently optimising workflows in its custom production processes.

Spangenberg, November 26, 2024: When thinking about workplace ergonomics, many people first picture desk jobs. However, WIKUS takes a more holistic approach as part of its health management programme and the WIErgo project. According to the 2024 Health Report by Techniker Krankenkasse, musculoskeletal disorders, such as back pain, are among the most common causes of sick leave. To address this, WIKUS is not only focusing on ergonomic workstations in administrative areas but also analysing production workflows to reduce physical strain on employees.

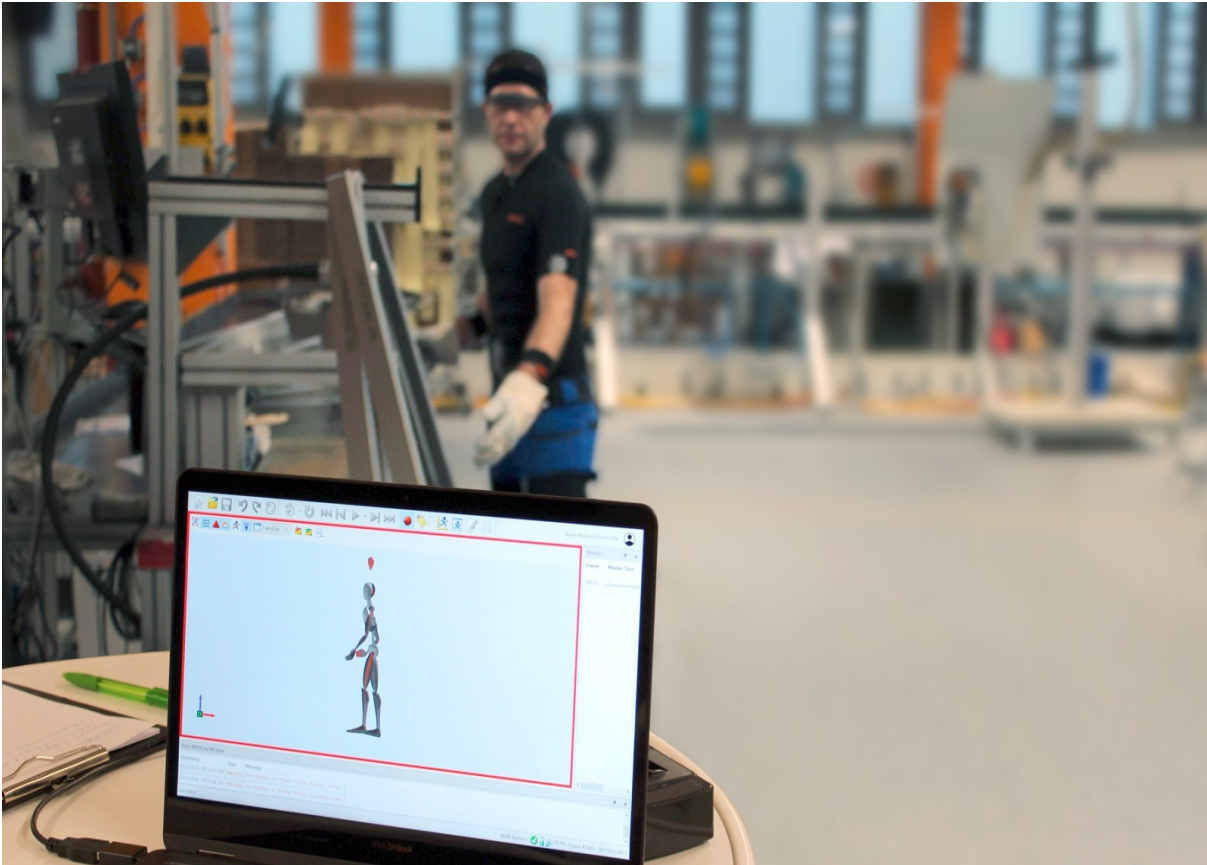
Pilot Project with the University of Kassel

In collaboration with the Department of Mechanical Engineering and Work and Organisational Psychology, a pilot project has been launched. During the welding of band saw blades, employees in the custom production department wore sensor-equipped suits to measure physical strain during their tasks. The data revealed specific activities, such as bending, working overhead, and wrist rotations, that lead to higher levels of strain.

The Future of Healthy Work

To improve workflows in custom production, WIKUS will introduce regular employee training on ergonomic working practices and health promotion. But WIKUS is taking it a step further: hand cuffs and exoskeletons are currently being tested to make tasks easier and reduce strain even further.

Picture:



Together with the University of Kassel, WIKUS is working to make workflows in manufacturing even more ergonomic. Source: WIKUS-Sägenfabrik

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About WIKUS

WIKUS – TOP QUALITY „MADE IN GERMANY“

WIKUS is one of the world market leaders in metal sawing and Europe's largest band saw blade manufacturers. Customers from steel production/trading, foundries, machine/tool making, aerospace, automotive, construction, energy, and many other industries rely on WIKUS' highly efficient solutions.

With the best input materials, state-of-the-art production procedures, and ongoing quality controls, the WIKUS-Sägenfabrik from Spangenberg in northern Hesse has been guaranteeing the highest standards in the production of high-tech band saw blades since 1958. At the same time, the family-run company creates considerable product and technology trends in the market thanks to its innovative progress. In addition to its high-performance product range, WIKUS offers comprehensive service packages tailored to the respective product. Partner companies as well as sales and service companies worldwide offer competent, personal support in site.

WIKUS-Sägenfabrik

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