

PRESS RELEASE

TEXPROCESS / FRANKFURT 2024

DÜRKOPP ADLER PRESENTS INNOVATIONS AND TRENDS AT TEXPROCESS 2024

Texprocess in Frankfurt am Main is the leading international exhibition of the textile and leather processing industry and for DÜRKOPP ADLER one of the most important platforms to experience the latest developments in sewing technology live on site. Also this year Dürkopp Adler together with its well-known brands Beisler, PFAFF Industrial / KSL and SONOTRONIC will present a variety of innovative, modern sewing and welding solutions for textiles and leather at the DA Group joint booth in hall 9.0 (booth B22+C11) from April 23-26, 2024.

Visitors can look forward to a varied trade fair program with live demonstrations, expert talks and product presentations. One of the highlights will once again be the **DA Group Competence Stage** with presentations on digitalization, automation and sustainability. Every day from April 23-25, selected experts will present the latest trends and innovative developments from the industry - freely accessible to all interested visitors. The modern and inspiring exhibition stand also offers a unique platform for exchanging ideas and networking with various experts from the sewing and welding industries.

Innovative solutions for the sewing technology of the future

At this year's Texprocess, Dürkopp Adler underlines its pioneering role in the automation and digitalization of industrial sewing technology. A broad and interesting spectrum of innovative solutions for different fields of application will be presented in six Highlight Areas.

In the Highlight Area "**CNC Technology**" Dürkopp Adler demonstrates this year its strength in development competence with the official product launch of the world first **911Revolve**: winner of this year's Texprocess Innovation Award 2024 in the category "Innovation for quality improvement".



Image 1: 911Revolve

The 911Revolve is the world's first CNC sewing unit with a unique rotary mechanism in the sewing head, enabling perfect seam quality in all directions and opening up new design possibilities that are difficult to realize with conventional systems. The system is therefore ideal for use in the automotive industry (e.g. seats, interiors & airbags), the manufacture of high-quality leather goods and the production of products made from technical textiles. The rotary mechanism of the 911Revolve is integrated in the sewing head, which makes the system very compact and therefore requires very little floor space. In addition, the 911Revolve achieves high sewing speeds compared to previously known rotary head solutions. Avoiding empty runs during sewing and reducing cycle times also saves energy and resources. This unique efficiency paired with the highest quality sewing results makes the 911Revolve highly interesting even for small field sewing applications, allowing work processes to be automated that could previously only be carried out manually.

For the 911 CNC platform, Dürkopp Adler will present the new **DA SPOT** (Sewing Program Optimization Tool) live on site. The integrated, software-supported camera system scans the perforated material to be sewn before the sewing process and automatically optimizes the respective seam program stitch by stitch for a perfect seam position if required.

With the **606**, Dürkopp Adler is expanding its CNC product portfolio with a premium product for extra heavy-duty applications. It enables loading, safety and cargo belts to be sewn automatically and reliably.

In the medium-heavy sewing application area, Dürkopp Adler has supplemented the innovative and fully digitalized **M-TYPE DELTA platform** with additional occupational safety features. The work safety at the sewing workplace is massively increased by the electronically adjustable finger pinch protection and the function "needle follows the sewing foot" and can be tested in the "DELTA" highlight area.



Image 2: 606

In the "INDUSTRIAL" Highlight Area the wide-ranging Dürkopp Adler product portfolio for industrial applications will be presented. The proven, mechanical **M-TYPE 1 platform** is now equipped with a modern touch panel, which impresses with new intuitive operation and equips the M-TYPE 1 for digitized sewing production. The newly developed edge trimming system (VF) for heavy-duty applications such as mattresses and floor mats will also be presented. This is characterized by its durability and the associated increased reliability and productivity in production.



Image 4: M-TYPE GAMMA

In the chainstitch area, the brand new fully digital **196 PREMIUM** will be presented live on site for the first time, demonstrating the path towards the digitalized sewing machine as a counterpart to the proven mechanical 195. With the newly added differential bottom feed, distortion-free closing seams for airbag applications can now be reliably produced.

Furthermore, Dürkopp Adler will present high-quality products for a wide range of apparel at Texprocess. In the Highlight Area "**APPAREL WORKSTATIONS**" the focus will be on professional sewing workstations for optimized production. Together with the Beisler brand,

the "**APPAREL AUTOMATIONS**" highlight area will showcase first-class automatic sewing machines that contribute to increased efficiency in garment production thanks to their high degree of automation.

With **QONDAC**, digitalized sewing production is already a reality today: We provide insights into the black box and enable transparency by networking sewing production. Dürkopp Adler will demonstrate the further developed digitalization solution QONDAC with new features directly at the booth. The new **PRODUCTION CONTROL** software module automatically analyzes production data, communicates with external production systems and provides real-time insights into production - anytime and anywhere. This makes it easy and simple to further increase productivity, increase the availability of production lines and further improve quality.

The advantage for our customers is that all Dürkopp Adler sewing machines and CNC systems can be networked with QONDAC.



Image 3: 196 PREMIUM

At Texprocess, Dürkopp Adler will present **DAISY** (Dürkopp Adler Artificial Intelligence System) for the first time. Its own AI assistant for Dürkopp Adler machines and the sewing industry. By means of artificial intelligence, the knowledge about the sewing machines is processed and systematically processed and thus made accessible to the users of the machine easily, anytime and anywhere. As an AI chatbot, DAISY provides all the necessary information from operating and service instructions, spare parts lists and product catalogs in real time. For optimal use, DAISY can be used to chat on all mobile devices such as smartphones etc. as well as directly on the sewing machine integrated in the control panel.

THE AI-BASED
ASSISTANT FOR
THE SEWING
INDUSTRY

DAISY
MADE BY DÜRKOPP ADLER

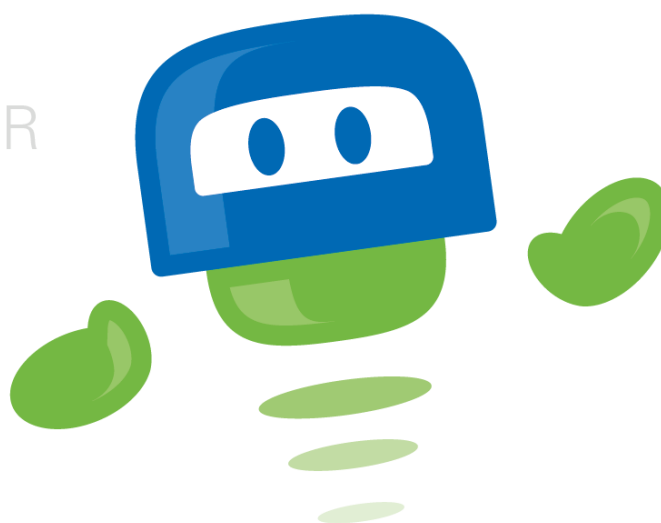


Image 5: DAISY

Bernd Bräuer (Director Sales & Marketing - Dürkopp Adler GmbH):

"For us at Dürkopp Adler the Texprocess is the platform to present our innovative products and solutions to a wide audience and to inform and exchange information about current trends and developments in the textile industry. It has been shown time and again that personal contact is the basis for good cooperation, especially in order to successfully initiate and jointly implement customer projects."

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