

**PRESSEMITTEILUNG**

* **WICKERT at the K 2025 trade fair: Automation as the answer to the shortage of skilled workers and cost pressure**
* **Fully automatic spraying system for tools on hydraulic presses**

*Landau, August 19, 2025.* Under the motto “Your Partner for Presses and Automation”, WICKERT will present itself at K 2025, October 8–15 in Düsseldorf, as a full-service provider of customized automation solutions for hydraulic presses. At booth 14A41 in Hall 14, the company will showcase its extensive expertise in the fields of composites, rubber, friction, plastics, and powder processing – including cleanroom solutions.

**Fully automatic spraying system**

One of the innovations featured at the show is the fully automated spraying system developed by WICKERT for rubber and plastics processing in hydraulic presses. This innovation eliminates the error-prone manual application of release and flow agents, which until now has carried risks for both product quality and workplace safety.

The automated system works with movable distribution beams equipped with individually adjustable nozzles. A spraying unit moves back and forth between the upper and lower die and wets the mould halves homogeneously and reproducibly. The system can typically be retrofitted to existing presses with ease, allowing users to integrate precise application of release and flow agents into existing production processes without difficulty.

**Automation as the answer to current challenges**

In view of the shortage of skilled workers and rising personnel costs, the automation of hydraulic presses is becoming increasingly urgent for many companies. Wickert meets this challenge to increase productivity with a comprehensive range of services.

It covers all stages from component development, concept and feasibility studies to overall planning and general contracting for complete production lines, including turnkey solutions.

Smart, customer-specific and energy-efficient concepts are possible for both small systems and large presses. The degree of automation can be freely selected between classic manual and fully automatic.

**Automation up to the smart factory**

If requested, WICKERT presses can be fully equipped with sensors and actuators, enabling them to collect a wide range of operational data. This includes information on actual machine wear for predictive maintenance as well as data on production and processes and the quality of workpieces.

Automation can be extended even further within a smart factory concept, which involves the intelligent networking of hydraulic presses and their associated peripheral equipment with other systems and higher-level process control platforms.

**From machine manufacturer to system integrator**

In recent years, Wickert has successfully evolved from a pure machine manufacturer to a provider of complete press systems. In the past five years, the share of press systems with automation has risen from 20% to 60% of total sales.

Alongside automation, the company places special emphasis on intelligent machine design that helps reduce energy costs and enables ergonomic operation.

**About Wickert Maschinenbau GmbH**

Wickert Maschinenbau GmbH is a medium-sized, family-owned company based in Landau in der Pfalz. It develops and produces complex, fully automated systems that are then integrated in its hydraulic presses. All machines and systems have a modular structure and feature pressing forces of between 20 and 100,000 kN, with a customer-specific layout in each case. The provided systems are used to process elastomers, composites, plastics and powder materials.

Applications are diverse. The pharmaceutical industry, medical technology, aerospace, and the security and defense industries use WICKERT presses, as do manufacturers of safety-critical automotive and e-mobility components. The presses are also found in laboratories and research institutions.

Wickert manufactures exclusively in Germany's Landau/Pfalz region, from where it supplies customers in Europe, America and Asia. In 2024, 200 employees generated a turnover of around € 47 million.

**Photos:**

Ein Bild, das Maschine, Im Haus, Stapel enthält.

KI-generierte Inhalte können fehlerhaft sein.

Photo 1:

WICKERT will present its fully automated spraying system for hydraulic presses at K 2025. It operates unmanned, is process-safe, efficient, flexible, and highly precise (Photo: WICKERT).

Ein Bild, das drinnen enthält.

Automatisch generierte Beschreibung

Ein Bild, das drinnen, Boden, Gebäude, Decke enthält.

Automatisch generierte Beschreibung

Photos 2 (top) and 3 (bottom):

The 3D design of an automation system (top) and the completed installation (bottom): WICKERT offers tailor-made automation solutions – shown here is a complete press automation system outside the cleanroom for the production of floor coverings. (Photos: WICKERT).

**You can also download the text of the press release as a Word document and the images in print quality from the page**

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For more **information** go to <https://www.wickert-presstech.de/en/>

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