

WIRE

DRAHT

a brand of umformtechnik.net

75 years
1951 – 2026
Anniversary issue

3/2026

September

English edition of the
magazine for the spring,
wire and cable industry
www.wire-magazine.de

Simplex Rapid

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Wire processing

Rolling of ultra-fine flat wires

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Duo tackling skilled labor shortage

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Cable production

One system – two breakthroughs

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Optimal *PERFORMANCE* for your new WAFIOS machine*

High-Speed Performance, Best Quality,
Active Setup Support, and Fast Help Whenever You Need It



1. WAFIOS Assistant

The support you need for
programming new parts
on WAFIOS machines



2. myWAFIOS.ai

The AI Assistant for
WAFIOS machines



3. SPI (Smart Pay-Off Interface)

The intelligent pay-off interface
for WAFIOS machines

NEW
WITH A SECOND
SCREEN



The WAFIOS Assistant

For machine programming and operator training

Operators get instant support with guided step-by-step instructions in the WPS 3.2 EasyWay programming system on a second monitor of the WAFIOS machine.

The WAFIOS Assistant on the upper monitor guides the operator through WPS programming on the lower monitor, step by step. Thus, every automated Record file becomes an integrated training tool for machine operators.



Synchronized Programming Guidance

Context-based linking connects directly to the current task. The WAFIOS Assistant automatically jumps to the correct programming screen mask and input field in the WPS.



Customized Record Files

Operators can easily record programming processes and training sessions on their own.



Media Integration

Visual instructions, images, and videos make it easier to set up complex parts.



Knowledge Sharing

Pre-configured programs for processes and training are provided by WAFIOS.



Keep Knowledge in Your Company

Internal know-how can be shared across the organization, helping ensure consistent processes throughout the company.

**on request, also for existing machines*



Thank you for your loyalty

The fact that Meisenbach publishing house in Bamberg/Germany can celebrate 75 years of WIRE (1951 – 2026) with this anniversary issue is thanks to you. Without your input, our trade magazine could not exist. It was certainly a bold decision on the part of Arthur Prost and Hans Meiner to establish the German-language trade journal DRAHT in 1950 and, just one year later, in 1951, to launch the English-language WIRE. Hans Meiner explained the reasoning behind this decision on the 25th anniversary, referring to the spirit of optimism that characterized the post-war years. Even then, knowledge transfer was at the heart of the magazine's reporting. This has not changed to this day. Information from the industry, for the industry remains one of WIRE's core themes. The latest research findings complete the picture.

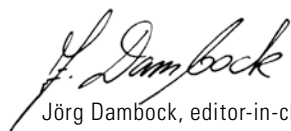
Industry associations closely connected to WIRE have spared some time to share their views on the magazine's lasting contribution to the sector. Over the decades, WIRE has been wholly and steadfastly committed to its role as a vital link between the world of research, machine manufacturers and users in the spring, wire and cable industry. All this is rounded off with portraits of companies and entrepreneurs who take a fascinating look at the past, present and future of their firms.



After several anniversary issues focusing on the history of companies or products, we chose the motto "That was tomorrow" for our 75th anniversary. Which ideas had already emerged in previous years, but were rejected at the time and are now becoming relevant once again? Climate change, carbon neutrality, and electric mobility are breathing new life into ideas that were once considered obsolete. This September issue marks 75 years of WIRE, reflecting on decades of change while spotlighting anniversary stories across the supply chain. The issue focuses on wire forming breakthroughs, integrated welding wire production, and advances in diamond/PCD die technology. It also covers automation and work-force solutions, spring engineering, and stranding simulation from vision to production readiness. In cable and testing, it highlights winding lines, inline quality control, materials, and components, plus inspection and defect detection for safety-critical fasteners.

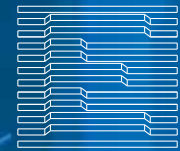
WIRE has been supporting the industry for three-quarters of a century. I myself have now been working as a member of the WIRE editorial team for 35 years. On behalf of the whole team at WIRE – our editorial staff, media consultants, advertising administrators, online team, and graphic designers – I would like to thank all our readers, contributors, and advertisers for the trust you have placed in us over the years and for your valued support as we continue along our shared path. I would like to wish us all every success and hope that our fruitful collaboration will continue long into the future.

You can be sure that WIRE will remain true to this path in the years to come – regardless of which channel you use, whether print, website, or social media.


Jörg Dambock, editor-in-chief
joerg.dambock@meisenbach.de



EUROBEND



Innovation & History



- Mesh welding lines for standard mesh-Non-Stop System
- Flexible mesh welding lines for special and engineering mesh
- Mesh welding lines for 3D Fence panels
- Mesh welding machines for spacers and bar supports
- Rotor straightening machines for wire up to 50mm
- Multi-rotor straightening machines
- 2D/3D Wire bending machines
- Multi-line 3D wire bending machines



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Decades of transformation in the industry

For 75 years, WIRE magazine has supported the spring, wire and cable industry with expertise, technical knowledge, and insights into industry developments. Aurubis is also celebrating a special milestone this year with its 160th anniversary.

16 Our tomorrow

For more than seven decades, Witels-Albert has been fascinated by the roller straightening process, which motivates the Berlin-based company to design components for its cost-effective and sustainable implementation.



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Integrated solutions for welding wire production

Increasing quality requirements and ever more complex production processes call for efficient production concepts. Lämneå Bruk addresses these challenges with fully integrated welding wire production lines from a single source.



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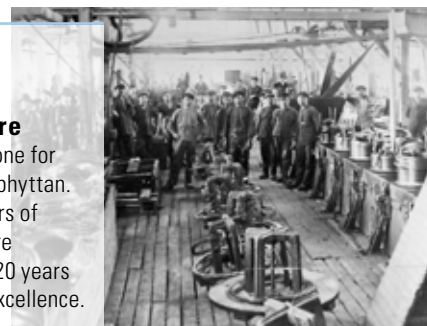
Rolling of ultra-fine flat wires

Flat wires in the micrometer range mark a milestone in cold bulk metal forming. In a joint development and innovation project, Roder and Stamm succeeded in rolling a metallic wire down to a thickness below 2µm.

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Full circle – revisiting our roots while shaping the future

This year marks an important milestone for both WIRE magazine and Suzuki Garphyttan. As the publication celebrates 75 years of documenting the evolution of the wire industry, Suzuki Garphyttan marks 120 years of engineering, and manufacturing excellence.



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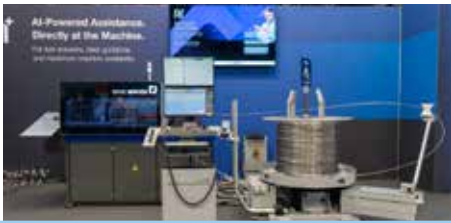
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A powerful duo tackling the skilled labor shortage

Fast production, tight delivery schedules, and an increasing shortage of skilled workers present major challenges for modern manufacturing. Intelligent systems and innovative solutions help simplify the work of machine operators while enabling manufacturers to maintain productivity and efficiency.

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Stranding technology between vision and production readiness

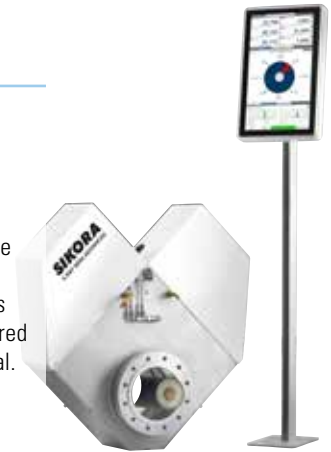
When the first issue of WIRE was published in 1951, design work in Magdeburg was still carried out using slide rules, drafting boards, and empirical data. Seventy-five years later, SKET simulate vertical stranding machines with a total mass of over 3,000t using FEM before the first chip is cut.



50

Reliable inline quality control in CV lines

Energy cables place high demands on their function and their production. As submarine and underground cables, they ensure that energy is reliably transported to where it is needed. To ensure that electricity is delivered safely, the highest cable quality is essential.



48

Belden reduces scrap materials and production costs

Belden is a global leader in signal transmission and networking solutions. With a rich history of innovation and quality, Belden designs and manufactures high-performance cables, connectivity, and networking products that power mission-critical systems around the world.



52

Wire spool for under roller systems

Häfner+Krullmann further developed its process reel "MW600" for unwinding enameled copper wires on under roller systems: Thanks to the ribless flange edge geometry, the process reel withstands loads better during unwinding and can thus complete more usage cycles.



wire China 2026 / Preview

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