

# WIRE

## DRAHT

a brand of umformtechnik.net

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English edition of the  
magazine for the spring,  
wire and cable industry  
[www.wire-magazine.de](http://www.wire-magazine.de)

wire

Düsseldorf



Join the best  
**THE #1**  
**TRADE FAIR**

Please visit us  
**Hall 10**  
**Stand F17**

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APRIL 13-17 2026



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Cable production

Powering a changing world

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# WAFIOS at wire 2026

INNOVATIONS THAT MAKE YOUR PRODUCTION FASTER, SMARTER AND MORE EFFICIENT

## Our Highlights at the Booth:

**NEW MACHINE CONCEPTS**



### Transfer Bending Machines

Next-generation systems for maximum productivity and flexibility.

**ARTIFICIAL INTELLIGENCE**



### WAFIOS.AI

AI-powered support for setup, troubleshooting and tool changes.

**SOLUTION FOR SKILLED-WORKER SHORTAGE**



### WAFIOS ASSISTANT

Guided machine setup for consistent processes and faster onboarding.

**WAFIOS HOLODECK**



### Augmented Reality

Explore WAFIOS machines interactively in an immersive digital environment.



Düsseldorf, Germany

**join the best: April 13 - 17, 2026**  
Hall 10 | Booth F22/40 - Hall 5 | Booth A21



# Orientation in uncertain times



Trade fairs not only provide insight into new machines, technologies, materials and services, but also offer the opportunity to assess one's own market position and identify potential new markets – in other words, orientation. This is particularly important now that many things that were once considered certain no longer are. The world's leading trade fairs for the international wire, cable and tube industries, 'wire' and 'Tube', which start on 13 April, are ideal for this purpose. The organiser, Messe Düsseldorf, expects more than 2,700 exhibitors from 65 countries to present their innovations on approximately 120,000m<sup>2</sup> of exhibition space, covering the entire industrial value chain.

'wire 2026' occupies halls 9 to 17 of the exhibition grounds. Wire, cable and wire and cable technologies are presented in halls 9 to 13 and 15. Hall 16 focuses on fastening technology, springs and their end products, while hall 17 highlights welded mesh machines. 'Tube 2026', which takes place at the same time, will be held in halls 1 to 7.0.



With the new 'World of Cables', 'wire 2026' is adding an extra highlight: for the first time, the end product cable will take the centre stage in the special area in hall 13. Another highlight: the new 'wire & Cable Forum' will also be presented for the first time in hall 13. Under the motto 'Come and Connect', the trade fair brings together leading minds, thought leaders and decision-makers from the industry for an intensive exchange on the latest technologies and future prospects. Following the success of the 'Tube Forum 2024', 'wire' is thus sending another strong signal for knowledge transfer and networking. The series of lectures will be organised by the following associations: Netzwerkdraht – ACIMAF – IWCEA, VDKM, VÖDKM, IWCEA-France – IWMA and CRU. Providing guidance is also the task of trade journals. In this issue of WIRE, we report on exhibits that await trade fair visitors in Düsseldorf. WIRE magazine itself will be present at 'wire 2026' at the Netzwerkdraht joint stand in hall 9, booth C 13. Visit us at the end of your day at the trade fair; we look forward to talking to exhibitors and trade visitors.

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## We draw and refine wire!

Optimal process flows and a production range with wires from 0.50 to 50 mm Ø set us apart.

State-of-the-art drawing machines and the latest annealing and surface technologies guarantee a consistently high standard of quality.

Visit us from April 13 to 17, 2026, at WIRE in Düsseldorf, Hall 12/A48, and discover the unique diversity of our product portfolio:

**Cold heading wire, quality steel wire, treatable spring steel wire, through-hardening rollerbearing wire, tool steel wire and profile wire.**

We look forward to seeing you there!





18

**Automation challenges in wire cold rolling**

While upstream processes such as wire drawing are often highly automated and operated continuously, cold rolling frequently remains a limiting factor within the production chain due to its sensitivity to tensile forces and process discontinuities.

20

**Versatility and performance in perfection**

Customers require components for guiding, straightening, and feeding that meet the needs of various process materials and cross-sectional geometries, ensure a wide processing range, and permanently withstand high forces and moments.



24

**The power of listening**

Suzuki Garphyttan has taken several steps to strengthen the position as an active and leading partner in a changing market. The mission is to change mindset, reinforcing the focus on asking what the customer needs and really listening to the response.



22

**Innovation boost in wire processing technology**

A high production speed, remarkable flexibility and new production options are the highlights of the transfer bending machine "BQ 10" and the straightening machine "R 36" that will be showcased at the "wire 2026".



32

**Surface pre-treatment and finishing**

For decades, Staku-Anlagenbau has been developing electroplating processes for the pre-treatment and refinement of metallic semi-finished products in the areas of wire, strip, tubes and profiles.



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Precision finishing for memory wire 39

# SKET

## Verseilmaschinenbau GmbH



# Stranding excellence.

German engineered.  
Built for the world.



Join us at booth  
G18 / Hall 10

April 13<sup>th</sup> - 17<sup>th</sup>, 2026  
Düsseldorf, Germany



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**38**  
**Wire expertise**  
**rooted in tradition**

The product range of H. Künne Steel Wire Works in Hemer extends from high-carbon steel grades with diameters from 0.2mm to 10.0mm to low-carbon grades such as cold heading wire and chain-quality wire up to 13.0mm.

**44**  
**Redefining**  
**spring wire performance**

Designed for manufacturers who demand higher strength, greater consistency, and lower environmental impact, the DEM Q+T lines replace traditional heat treatment methods with a fully automated, continuous, and clean production solution.



**40**  
**Innovative solutions**  
**for the spring industry**

A faster yet easier production of springs seems to be a contradiction. Wafios presents at the „wire“, a wide range of solutions for the production of springs. Software innovations and intelligent systems offer machine operators additional support.



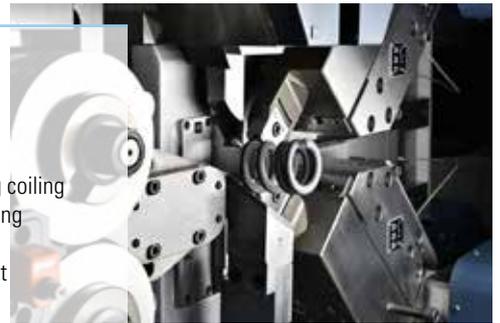
**42**  
**Seamless automation**  
**in spring production**

Manentimacchine presents a high-efficiency integration between “HTC” spring making machinery and “HSI” peripheral systems. The focus is on a fully automated production flow, where forming, heat treatment, and collection operate as a synchronised unit.



**46**  
**Coiling**  
**the future**

BB Spring Technology Srl offers a complete portfolio including spring coiling machines, pay-offs, and tool grinding solutions, all developed to ensure precision, durability, and consistent production results.



**Springs manufacturing**

Innovative solutions for the spring industry

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**Automation**

Seamless automation in spring production

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**Spring material**

Redefining spring wire performance

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**Springs manufacturing**

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**Wire materials / Copper**

Sustainable copper for wire applications

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**Wire materials / Green steel**

Why scrap metal is key to cutting CO<sub>2</sub>

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Copolymer coated aluminium tape production line

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Where machines, processes, and people connect

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**Stranding**

Powering a changing world

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Precision in micro range

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**Extrusion**

Experience the future of cable manufacturing

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**Handling**

New 3-in-1 “Multi Coiler MC 260”

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**Quality management**

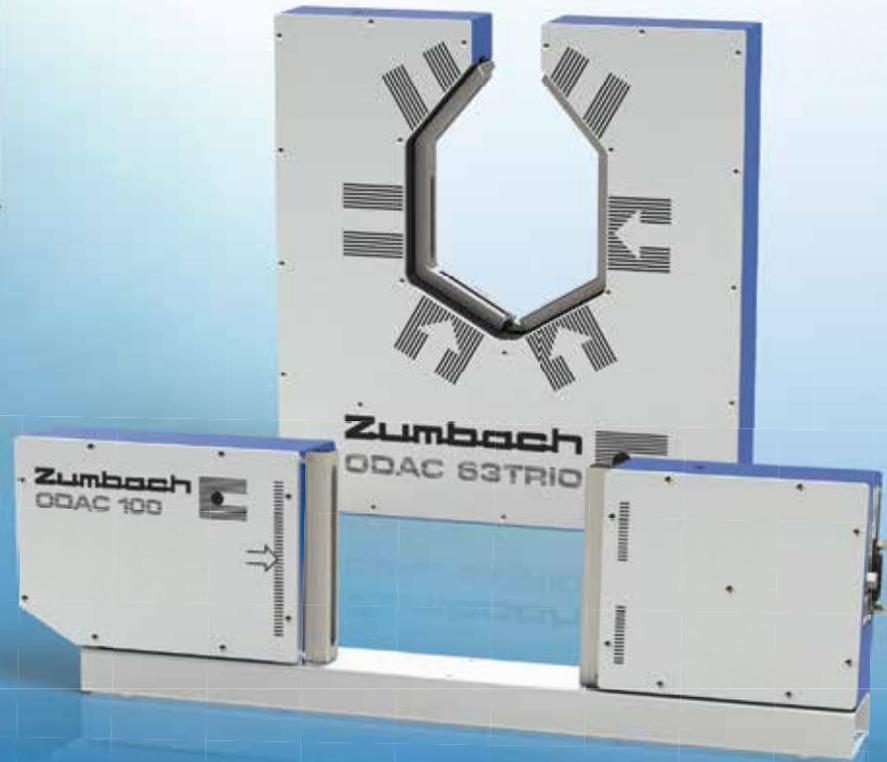
Smart measurement, proven performance

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**Quality management**

Everything began with a spark tester

66



1 – 3

Measurement axes



12

Min. object diameter ( $\mu\text{m}$ )



520

Max. object diameter (mm)



up to 3000

Scan rate (scans/s)



100,000+

Globally installed systems



Come and see us  
Hall 11, Stand D41  
13-17 April 2026

## ODAC<sup>®</sup> Laser Diameter Gauge

In- and Offline Dimension  
Measurement for  
Communication & Power Cables

MADE IN  
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### Benefits:

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- ✓ Utilizes cutting-edge optics and laser scan technology providing an exceptionally high sampling rate
- ✓ Practically unrivalled measuring accuracy
- ✓ Reliable measurements in even the harshest of environments (oil, dust, steam etc.)
- ✓ Big installation flexibility of 1, 2 and 3 axis gauges for products as small as  $\varnothing$  0.012 mm – 520 mm



**48 Sustainable copper for wire applications**

The demand for 100% recycled, low-carbon copper is rising and has become a strategic lever for materials sourcing. Requirements for environmental protection and CO<sub>2</sub> footprint reduction are steadily growing.

**61 Experience the future of cable manufacturing**

Maillefer invite visitors to explore innovation brought to life through live components and immersive virtual experiences. Discover a game-changing lineup designed to meet the evolving needs of the global cable industry.



**56 Where machines, processes, and people connect**

At “wire 2026”, technology provider Rosendahl Nextrom will showcase intelligent, automated solutions designed to address real-world challenges and boost productivity.



**60 Precision in micro range**

As demand for high-performance data communication systems continue to grow, requirements for the underlying conductor structures are increasing accordingly. Modern applications require extremely fine yet highly reliable conductors.



**64 Smart measurement, proven performance**

The “wire 2026” provides the perfect platform for Zumbach to present their latest innovations in advanced, non-contact measurement and control solutions for the wire and cable industry.



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A digital brain for heavy-duty stranding

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The

# ACCURATE



The LM PRO measures the production length of cables with an impressive accuracy of 0.05% – forwards and backwards. Starting its measurement at a line speed of 0 m/min and being surface insensitive, the LM PRO avoids both overproduction and underproduction as well as slippage and wear. The non-contact measurement reduces the risk of overheating, resulting in remarkable availability.

That's the Accurate.

**THAT'S TECHNOLOGY TO PERFECTION**

VISIT US AT WIRE  
BOOTH 9A41

