

WIRE DRAHT

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1/2024

February

English edition of the
magazine for the spring,
wire and cable industry
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Hall 10
Booth F22/40

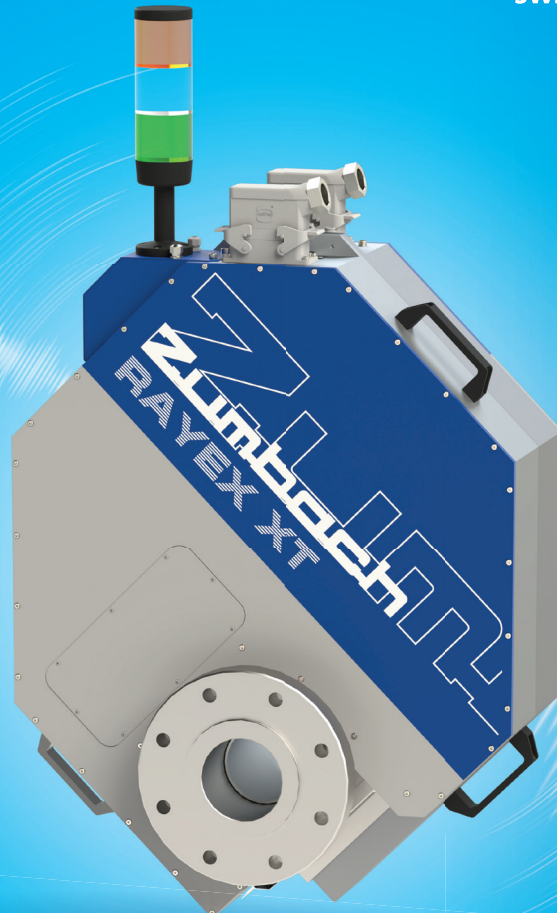


Hall 5
Booth A21/22

Wire processing
40 bicycle spokes per minute
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Spring manufacturing
A new addition to the "FMU+" series
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Quality management
In-line control for busbar
page 40



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Comfortable footwear recommended

Early in the year, Messe Düsseldorf is reporting record numbers taking part in 'wire/Tube 2024'. Some 2,300 exhibitors will be presenting their new ideas in an area of over 118,000m² net. The industry is looking eagerly ahead to events from 15 to 19 April in Düsseldorf, where the world's leading trade fairs for the wire, cable and tube industries will be starting.

For the first time, the innovations of the leading players from the sector will be flanked in the exhibition halls by a wide-ranging supporting programme, tailored to the market – and covering the full five days of the fair.

Daily 'after-chill meetings' will be taking place in the open-air areas and at the North Entrance to support networking; here, exhibitors can meet trade visitors for drinks and delicious snacks even after the fair has closed for the day.

The 'wire' fair is housed in halls 9 to 17. The organisers say that, occupying roughly 66,900m² of exhibition space and with 1,026 exhibitors from 60 countries, it is larger than ever, exceeding even pre-pandemic levels. As well as wire and cable machine manufacturers, wire and cable products and fibre optic technologies, impressive mesh welding machinery will be displayed in hall 17. Fastener and spring-making technologies and their end products can be found in hall 16, where the entire value chain for fastening components and springs will be on display. The 'Tube' fair is also exceptionally well booked. So far, 768 exhibitors from 49 countries have registered, occupying a total area of 49,600m² in halls 1 to 7.1.

Trade visitors are expected from all over the world. 'wire' and 'Tube' are among the fairs with the most international profile in the Messe Düsseldorf portfolio, at roughly two-thirds of all exhibitors. "For the 'wire' and 'Tube' sectors, the Düsseldorf exhibition centre totally heads the field when it comes to presenting innovations from the relevant industries to a broad international audience," says Daniel Ryfisch, Director, wire/Tube and Flow Technologies.

Düsseldorf, then, will certainly have much to be seen that is new. In this pre-fair edition, WIRE begins with a report on the exhibits that trade visitors can expect in Düsseldorf. The main 'wire' trade fair handbook that comes out on 25 March will then contain a bundle of further initial reports from the exhibitors.

WIRE magazine will be on show at 'wire' with its own stand in hall 9, booth C 03. Come and see us at the end of your day at the fair – we look forward to an exchange of views with exhibitors and trade visitors.



J. Dambock

Jörg Dambock, editor-in-chief

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14
40 high-strength bicycle spokes per minute

The third generation of Amba's All-in-One reducing machines further improves the straightness of single- and double-butted spokes – as used in electric and cargo bikes, for example.

18
Cleanly drawn

Lubricant specialist Zeller+Gmelin presents its comprehensive know-how about wire drawing at "wire". At their booth trade fair visitors can see the innovative range of cooling lubricants for themselves.



26
Measuring tensile forces in rotating machines

Whether for cable stranding machines, wire drawing machines, winding, braiding and taping machines, Tensometric devices are used to reduce downtimes and increase throughput.



22
100% customized control systems

Sweden-based Lämneå Bruk AB has built an excellent reputation for manufacturing high-quality, innovative, and efficient wire machinery equipment. What sets them apart is a lesser-known but significant aspect of their operation.



32
A new addition to the "FMU+" series

The "FMU+" series from Wafios is world-renowned for its flexible production technology for torsion, extension and extended loop springs. The new "FMU 100+" is capable of bending, winding and coiling wires with a diameter of 10mm.



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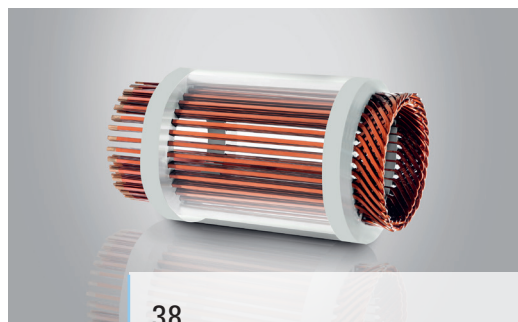
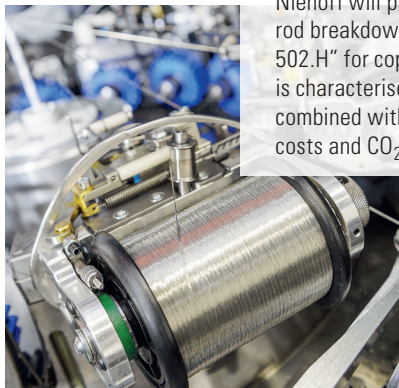
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Next-generation rod breakdown line

Niehoff will present the new next-generation rod breakdown (RBD) line type "MSM 88 – R 502.H" for copper and aluminum wires. The line is characterised by a high performance combined with enormous savings in energy costs and CO₂ emissions.



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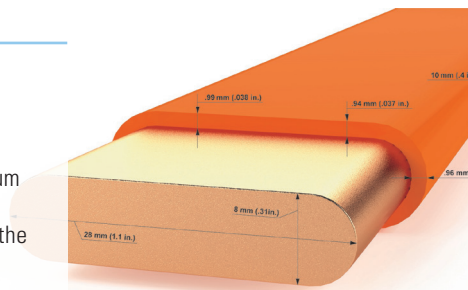
Intelligent removal of isolation from hairpins

Thanks to a new process, Otto Bihler is making the removal of isolation from hairpins even more reliable and efficient. The solution centers around an innovative sensor unit, which continuously measures the enameled copper wire.

40

In-line control for busbar and flat conductor

Producing insulated flat copper and aluminum wires, cables or bars is highly complex and requires a sophisticated knowledge within the extrusion business.



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New machines, services and bows

Setic, manufacturer of special, data communication and LAN cables machines and a major actor in the automotive wire equipment will exhibit and welcome visitors and customers in its booth at "wire" together with Pourtier, C2S and Bow Technology.



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New year, new possibilities

Rosendahl Nextrom has recently equipped its in-house technology center with two brand-new laboratory lines for LAN cable and fiber optical cable production. Partners and customers are invited to test the modern infrastructure.



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