



Nexans and Niehoff partner to develop, install and operate the first next-generation rod breakdown line

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**PRESS RELEASE**

- **The next-generation rod breakdown line is the first in operation in Nexans factory of Lens in France.**
- **The new state-of-the-art line allows an optimized production speed resulting in reduced energy consumption and CO2 emissions.**
- **Capitalizing on 50 years of long-lasting collaboration and partnership, Nexans renews its trust in Niehoff for the supply of ground-breaking machines.**

**Paris / Schwabach, September 24, 2024** – Niehoff, one of the world's leading supplier of wire processing equipment, partners with Nexans, a leader in the design and manufacturing of cable systems and services, to develop and install the first next-generation of rod breakdown line in operation in the Group's factory of Lens in the North of France.

After 50 years of long-lasting collaboration and partnership, Nexans renews its trust in Niehoff for the supply of ground-breaking machines.

The state-of-the-art line allows an optimized production speed that enables to achieve significant savings of 35 kW/h/t produced<sup>1</sup>, resulting in reduced energy consumption and CO2 emissions. The machine's new generation motors and the new annealing technology<sup>2</sup> will allow Nexans to reduce the energy consumption of this production process by 25%, equivalent to 840 tons of CO2 emissions per year. With this energy saving, more than 100 households could be supplied for one year<sup>3</sup> or equivalent of 220 flights from Brussels to New York and back could be avoided in term of CO2 emission.

#### **Economic, Environmental and Engagement benefits**

This breaking-through industrial partnership perfectly fits Nexans E3 performance approach:

- Economic performance: one new machine replaces two existing ones, and the next-generation line can work continuously at higher production speeds, thus improving the production output, plus the costs savings from reduced energy consumption
- Environment benefits: reduced energy consumption and related CO2 emissions
- Engagement of employees: by providing the teams a safer and more comfortable work environment.

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<sup>1</sup> Example based on a 2.6 mm diameter copper cable manufactured at a 32 m/s production speed.

<sup>2</sup> Annealer: Component of Drawing line for softening the wire after drawing, heating it by Joule effect.

<sup>3</sup> At an electricity price of 0.20 €/kWh: average industrial electricity price in France in 2023 according to the French Commission de Régulation de l'Énergie (CRE)

This model is fully aligned with Niehoff's strategy and commitment to building machines that are characterized by reliability and process stability, high productivity and energy efficiency, for greater sustainability.

In September 2024, Niehoff has received the "E3 partnership award" from Nexans, rewarding this breaking-through industrial cooperation that perfectly illustrates the alignment of both companies on a common E3 performance approach.

**Vincent Dessale**, Chief Operations Officer at Nexans, comments: *"Nexans commitment to achieving net zero emissions by 2050 means working alongside suppliers to find innovative ways to reduce carbon emissions and raw material waste across the supply chain. Our long-lasting relationship with Niehoff and their commitment to building energy-efficient machines is supporting us in reaching our own sustainability goals. This is perfectly aligned with our E3 performance model: ensuring that environmental responsibility, employee engagement and economic growth are all equally prioritized in our decision-making process."*

**Stefan Nixdorf**, Director of Engineering of the Niehoff Group: *"At Niehoff we are constantly endeavouring to further develop our machines, thus creating advantages for our customers. With innovative solutions for CO2 savings and higher output, especially in the field of rod breakdown lines, we give our customers a competitive advantage. Having Nexans as a reliable and experienced partner, we have been able to test our machines with a valuable outcome for both sides."*

To know more about the new machine's output, read [Niehoff's magazine](#) (pages 4 and 5).



Stefan Nixdorf (Director of Engineering, Niehoff Group) and Dominique Potel (Engineering Project Manager, Nexans) in front of the new rod breakdown line in Lens.

Watch the video on [YouTube](#).

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## About Nexans

For over a century, Nexans has played a crucial role in the electrification of the planet and is committed to electrifying the future. With approximately 28,500 people in 41 countries, the Group is paving the way to a new world of safe, sustainable and decarbonized electricity that is accessible to everyone. In 2023, Nexans generated 6.5 billion euros in standard sales. The Group is a leader in the design and manufacturing of cable systems and services across four main business areas: Power Generation & Transmission, Distribution, Usage and Industry & Solutions. Nexans was the first company in its industry to create a Foundation supporting sustainable initiatives, bringing access to energy to disadvantaged communities worldwide. The Group is recognized on the CDP Climate Change A List as a global leader on climate action and has committed to Net-Zero emissions by 2050 aligned with the Science Based Targets initiative (SBTi).

Nexans. Electrify the future.

Nexans is listed on Euronext Paris, compartment A.  
For more information, please visit [www.nexans.com](http://www.nexans.com)

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## About Niehoff

### Complete solutions from a single source

With more than 70 years of experience in the wire and cable industry, Maschinenfabrik Niehoff builds machinery for the production of non-ferrous wires and their processing into automotive, power, data and special cables.

Niehoff pays great attention to the longevity of its products and is committed to manufacturing machinery that is characterized by reliability, process stability, high productivity, energy and materials efficiency, and reduced CO2 emissions. Niehoff is certified by the German Environmental Auditors Board EMAS,

belongs to the Blue Competence sustainability initiative of the German Engineering Federation (VDMA) and with regard to its corporate social responsibility (CSR) cooperates with the international platform for sustainability ratings EcoVadis.

Niehoff Group has a workforce of around 1300 employees worldwide and is comprised of its headquarters, manufacturing subsidiaries in Brazil, the US, the Czech Republic, India, China, and Sweden along with sales and service centers in Japan, Singapore, and Mexico.

For more information please visit <https://www.niehoff-gmbh.info>

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