

Cooperation: BENTELER supplies first green steel CliMore® tubes to Stabilus

- **Premiere: BENTELER has delivered welded precision steel tubes made from green steel from its new CliMore® product brand to customers.**
- **CliMore®, the new product brand for all of BENTELER's more climate-friendly steels and steel tube products, supports customers in decarbonizing their supply chain.**

Paderborn, January 18, 2024. BENTELER has supplied welded CliMore® tubes in the Ambition category for the first time to an end customer, the Stabilus Group, one of the world's leading suppliers of motion control solutions, where they will be used to manufacture gas springs. BENTELER Steel/Tube introduced the new brand for sustainable steel tubes in the fall of 2023. The first quantities of seamless tubes were successfully placed with European distributors at the end of last year. This has now been followed by the first delivery of welded tubes made of CO₂-reduced steel from BENTELER's electric steel mill in Lingen direct to an end customer.

"Climate change and the decarbonization of industry associated with it, especially the steel industry, are among the most important challenges of our time. The collaboration between BENTELER and Stabilus demonstrates our strong commitment to operating sustainably and making our contribution to reducing the carbon footprint," says Ralph Mathis, Chief Sales Officer BENTELER Steel/Tube. "We are delighted that our long-standing partner Stabilus is the first customer to receive welded tubes from our recently launched CliMore® brand directly from us."

BENTELER CliMore – the new brand for all CO₂-reduced steel products

BENTELER works constantly to reduce its carbon footprint and has already adapted its product and service portfolio to meet its customers' increasing ecological interests. In September 2023, the Steel/Tube Division presented its new CliMore® product brand to the public. It covers all CO₂-reduced steels and steel tube products in the division and categorizes them in three sustainability categories: Advantage, Ambition and Excellence. These indicate how the steel was produced and which energy sources were used for it.

In each of the three levels, low-emission steel is produced from scrap using the electric arc furnace. This recycling alone saves up to 75% of CO₂ emissions when compared with new steel produced from iron ore in the classic blast furnace route. For the Ambition level, green electricity is used in the tube mills and for the operation of the electric arc furnace. This results in a reduction of up to 85% in CO₂ emissions. In addition, the highest level, Excellence, will focus in future on electrification of the plants or use of green hydrogen as an energy source for process energy in the production of steel and its processing into tubes.

Photo and caption:

BENTELER_Ziehlinie.jpg: BENTELER Steel/Tube produced the CliMore® precision steel tubes on the drawing line at the Paderborn site, which was inaugurated together with the customer Stabilus in 2022. (The company reported: [BENTELER opens new drawing line at Paderborn steel tube mill - BENTELER International AG](#))

Ralph_Mathis.jpg: Ralph Mathis, Chief Sales Officer at BENTELER Steel/Tube, is now looking forward to continuing the cooperation with Stabilus even more sustainably.

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About BENTELER

BENTELER is a global company serving customers in automotive technology, the energy sector and mechanical engineering. As metal processing specialists, we develop, produce and distribute safety-related products, systems and services worldwide. In the 2022 financial year, Group revenues were €8.954 billion. Under the management of the strategic holding BENTELER International AG, headquartered in Salzburg, Austria, the Group is organized into the Divisions BENTELER Automotive and BENTELER Steel/Tube. Our around 23,000 employees at 73 production plants and 19 engineering and R&D facilities across 26 countries offer first-class manufacturing and distribution competence – all dedicated to delivering a first-class service wherever our customers need us. BENTELER. The family of driven professionals. Since 1876.

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About BENTELER Steel/Tube

BENTELER Steel/Tube develops and produces seamless and welded quality steel tubes. As one of the leading manufacturers, we offer our customers solutions worldwide, along the entire value chain – from material development to tube applications. In this way we create tailor-made tube products for the automotive, energy and industry market segments. Launched in 2023, the CliMore® product family saves up to 85% of CO₂ emissions compared with conventional steel production by using green electricity and recycled materials instead of ore. This enables our customers to effectively reduce their upstream emissions from purchased materials and thus achieve their climate targets.