

PRESS RELEASE

Zeppelin Systems drives tire manufacturing and tire recycling forward

Friedrichshafen, February 14, 2023. At the Tire Technology Expo in Hanover (March 21 to 23, 2023), Zeppelin Systems will showcase materials handling technologies for Mixing Rooms along with new concepts for sustainable remanufacturing. The solution provider focuses on specialist handling of conventional materials as well as high-quality recyclates and new sustainable materials, contributing to a circular economy.

Zeppelin Systems is well known and respected for its process know-how and supply of solutions for Silo storage, pneumatic conveying, weighing, and feeding of powders, chemicals, solids, and liquids, all carefully managed by its Automation packages. However, the company is not only constantly developing in this field of expertise; tyre recycling is now an essential and expanding part of Zeppelin's plant engineering business as the industry is facing growing challenges. Modern tire production needs to embrace new targets in sustainability, accuracy, reliability, and quality through precision materials handling. Additionally new sustainable materials and return of recovered raw materials to the production cycle are key.

Zeppelin Systems meets these needs by supplying solutions for the tyre mixing room, recycling technology and recovery plants for end-of-life tyres. "We will be presenting our comprehensive expertise in both conventional materials handling along with reprocessing solutions to visitors at the Tire Technology Expo," says Dr. Markus Vöge, CEO of Zeppelin Systems GmbH. "Our goal is to help our customers produce high quality tyres but also close the loop and give every tire a second life in this process," adds Guido Veit, Vice President Sales for Polyolefins, Rubber and Silos at Zeppelin Systems GmbH.

Visit Zeppelin at the Tire Technology Expo 2023 in Hall 021 at booth 9000

From March 21 to 23 visitors can explore 120 square metres dedicated to Zeppelin and investigate why they are perceived as a reliable provider of mixing room solutions and potential partner for solutions to produce recyclates such as devulcanized rubber, fibre-reinforced stabilizers, recycled and cleaned carbon black (rCB) and recycled oils. These new sustainable materials are produced using several advanced processes (e.g. sorting, separation, shredding, granulating, devulcanization and water jet technologies along with Pyrolysis of End-of-Life Tyres and Purification of the Pyrolysis Char).

"We continue to develop our technologies and are thrilled to be recognized as a competent solution provider in these areas", adds Dr. Markus Vöge, CEO of Zeppelin Systems GmbH. The primary message of Zeppelin Systems at the trade fair: We are experts in handling all materials used in the tire production process and experienced know-how of solutions for recycling and handling of sustainable materials.

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About Zeppelin Plant Engineering

Zeppelin Systems is a global leader in plant engineering for the handling of high-quality bulk materials. With over 70 years of experience in process engineering and extensive knowledge in handling countless raw materials, Zeppelin Systems offers complete and reliable solutions. With 22 locations worldwide, the company supports its customers from plant design through implementation and provides all aftersales services locally, from a single source. At Zeppelin Systems, innovative processes are just as important as the clever automation solutions and full range of service they provide to cover the entire life cycle of your plant. Each Zeppelin plant is customized to meet the requirements of each customer be it in the plastic, chemical, rubber and tire, or food industries. With the world's largest technology center network for bulk materials, Zeppelin enables its customers to carry out tests on an industrial scale and verify and optimize their plant design. Zeppelin Systems develops and manufactures its own components for key plant functions, which are also used in third-party plants. For more information, visit www.zeppelin-systems.com.

About the Zeppelin Group

The Zeppelin Group offers solutions in the construction industry, drive and energy systems, engineering and plant engineering. The Group provides customers with expertise in a number of areas, from the distribution and service of construction, mining, forestry and agricultural machinery, through rental and project solutions for the construction sector and industry as a whole, to drive and energy systems as well as engineering and plant engineering and enhances its offering with digital capabilities in all areas. Zeppelin is represented at more than 340 sites in 43 countries and regions worldwide. In the 2021 financial year, the Group workforce comprised almost 11,000 employees, which generated sales of EUR 3.7 billion. The Group organizes its activities into six strategic business units (Construction Equipment Central Europe, Construction Equipment Nordics, Construction Equipment Eurasia, Rental, Power Systems, and Plant Engineering) and the Zeppelin Digit Strategic Management Center. Zeppelin GmbH is the Group holding company. It is legally domiciled in Friedrichshafen and has its head office in Garching near Munich. The Zeppelin Group is a foundation-owned company. Its roots can be traced back to the establishment of the Zeppelin Foundation by Graf Ferdinand von Zeppelin in 1908. For more information, visit zeppelin.com.

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