Slovenia lithium-ion battery technology

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Rosendahl is the leading global supplier of production technologies for cables and wires. The core competencies include solutions and equipment for extrusion, SZ-stranding, and corrugation for the production of low-voltage (LV), medium-voltage (MV), and high-voltage (HV) cables, automotive cables, fiber optic cables, and metal communication cables.

Nextrom is the leading global supplier of production technologies for optical fibers and fiber optic cables.We provide solutions and equipment for optical glass making, fiber drawing, fiber coating, ribbon making, proof testing and fiber optic cable production. Our technology is used to produce telecom preforms, specialty preforms and fibers.

Rosendahl Nextrom is a global leader in battery, cable & wire and optical fiber production technologies whose goal is to connect your needs with our technology. Quality, customization, product know-how and close cooperation with our partners are our core values.

The Austrian company Rosendahl Nextrom GmbH, with its brand BM-Rosendahl, will develop, build, and supply the highly automated line for module and pack assembly. The project involves an investment of 18 million euros and will create up to 100 jobs.

The line will produce up to 180.000 battery packs in 3-shift operation per year, corresponding to a total capacity of 1 GWh. The battery packs can be used as stationary storage and as traction batteries.

With the assembly line, BM-Rosendahl supplies all process steps; from cell preparation, cell stacking and subsequent assembly in modules, to final assembly in battery packs. The use of efficient laser welding technology ensures a precise as well as reliable connection of the frame parts and cell connectors.

For almost 60 years, TAB has been one of the leading manufacturer of lead acid batteries for automotive and industrial sectors. Company develops and produces lead acid flooded, VRLA AGM, VRLA-gel batteries as well as Li-ion batteries. New gigafactory for lithium-ion energy storage systems (ESS) is a significant milestone that enhances TAB’s position in the lithium-ion battery manufacturing sector.

This investment is a key milestone for TAB, and we are happy to collaborate with BM-Rosendahl. With this project we will significantly increase our ESS manufacturing capacity and we will contribute to European green transition.

Slovenian battery manufacturer TAB (TAB tovarna akumulatorskih baterij d.d.) is opening the first gigafactory for lithium-ion energy storage systems (ESS) in Prevalje in 2024. The Austrian company Rosendahl Nextrom GmbH, with its brand BM-Rosendahl, will develop, build, and supply the highly

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BM-Rosendahl has been producing special machines for the assembly of automotive, motorcycle and industrial batteries for more than 50 years. The product range includes equipment for lead-acid batteries as well as other technologies. All battery machines are 100% developed and manufactured in Europe. Since 2022, the company has been part of the EuBatIn IPCEI funding program.

Battery maker TAB Me?ica plans to open Slovenia"s first gigafactory for the production of battery storage systems in the northern town of Prevalje in 2024. The EUR18 million investment is expected to create up to 100 jobs.