

Press Release

22.06.23

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WAGNER awarded the product of the year 2023 in plant engineering fire protection

- **WAGNER is honored with the FeuerTrutz Award in the category "Plant engineering fire protection"**
- **Winning product is a fire protection solution for a lithium-ion battery storage system**
- **Presentation of the award at the trade show FeuerTrutz in Nuremberg**

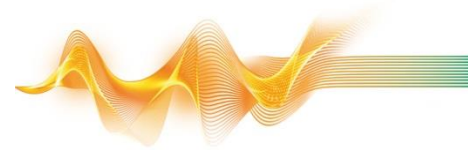
Langenhagen. For the 13th time in 2023, the most popular products in fire protection were honored with the "Product of the Year" award from FeuerTrutz Network. In the category "Plant Fire Protection", WAGNER Group GmbH was able to convince the jury with its fire protection solution for the storage of lithium-ion batteries. Reiner Milski, Managing Director of WAGNER Deutschland GmbH, received the award at the trade show FeuerTrutz in Nuremberg on June 21.

WAGNER implemented the awarded, unique fire protection solution, for an automated high-bay warehouse of KETTLER Alu-Rad GmbH, in which up to 50,000 e-bikes are packed ready for shipment and stored with installed batteries.

High-bay warehouses are basically threatened by various fire risks. Lithium-ion batteries of stored e-bikes increase the fire risk considerably, because they bear the danger of self-ignition. The fire-related release of oxygen can lead to thermal runaway - a high risk when storing e-bikes with lithium-ion batteries.

Based on a risk assessment of the protected area, the individual protection goals - such as maintaining the ability to deliver - were defined with KETTLER Alu-Rad GmbH. With the help of extensive fire tests, the experts from WAGNER developed the ideal solution. It consists of the oxygen reduction system OxyReduct®, the TITANUS® fire detection system for early fire detection, and organizational measures. Under defined conditions, this solution protects against the consequences of a thermal runaway, prevents the spread of a fire and thus protects against an interruption of operations and the associated consequential damage. This solution is unique on the market and one of the first VdS-approved fire protection solutions for the storage of lithium-ion batteries.

On receiving the award, Reiner Milski was extremely pleased: "The storage of these energy storage devices is demanding from a fire protection point of view, and there is no standard solution for this. Thanks to the excellent cooperation of all parties involved and with the help of our comprehensive fire tests, we have found an ideal and groundbreaking solution for KETTLER that gives our customer security and protects its assets. I am particularly pleased for those involved in the project that the relevance of this solution has also been recognized in the industry and honored by the expert jury of FeuerTrutz magazine with the award for Product of the Year 2023 in the category "plant engineering fire protection".



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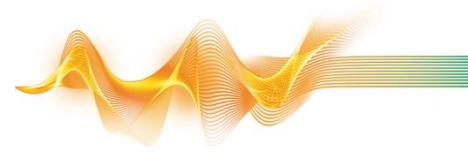


*Caption: Reiner Miłski, Managing Director of WAGNER Deutschland GmbH (on the right), receives the award at the FeuerTrutz trade fair from André Gesellchen FeuerTrutz Network.
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*Caption: The award honors WAGNER's fire protection solution as "Product of the Year 2023".
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About WAGNER



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Since 1976, WAGNER Group GmbH, headquartered in Langenhagen (Germany), has been developing and implementing integrated fire protection solutions and has established itself as an innovative solution and system provider with around 700 employees at 22 locations in 14 countries worldwide. In the field of fire detection and fire prevention, WAGNER group is one of the technology leaders with more than 700 patents. The core competence is in the area of technical fire protection. Here, WAGNER develops individual solutions based on its own products and systems in the fields of fire detection (TITANUS®), fire prevention (OxyReduct®), fire extinguishing (FirExting®) and organization/hazard management (VisuLAN®).

For further information, please visit www.wagnergroup.com

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