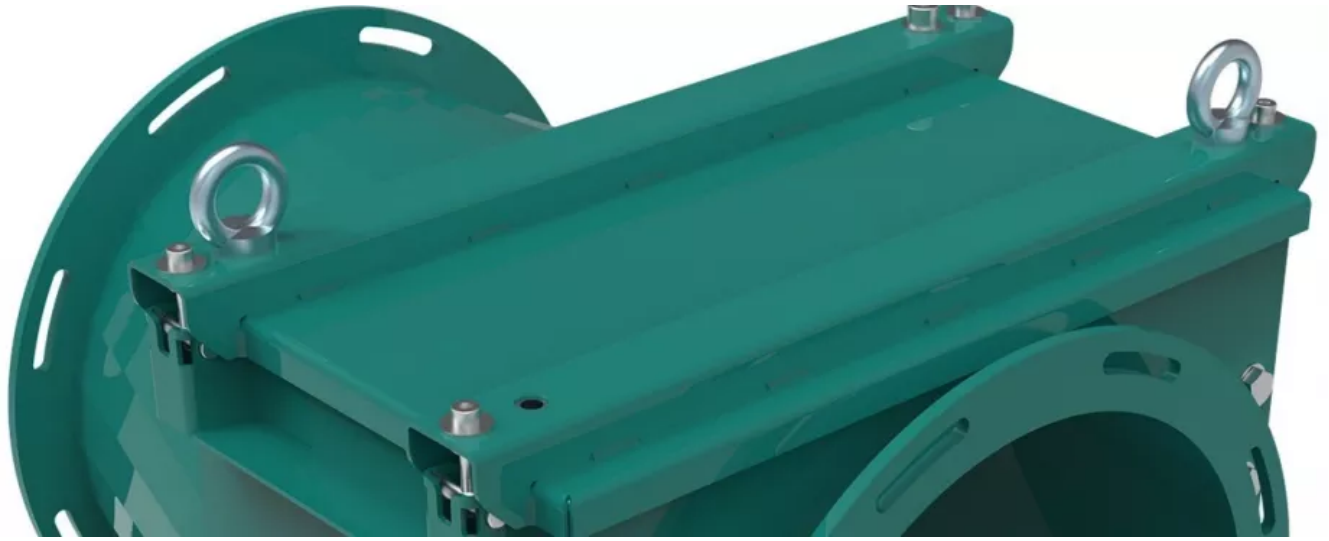


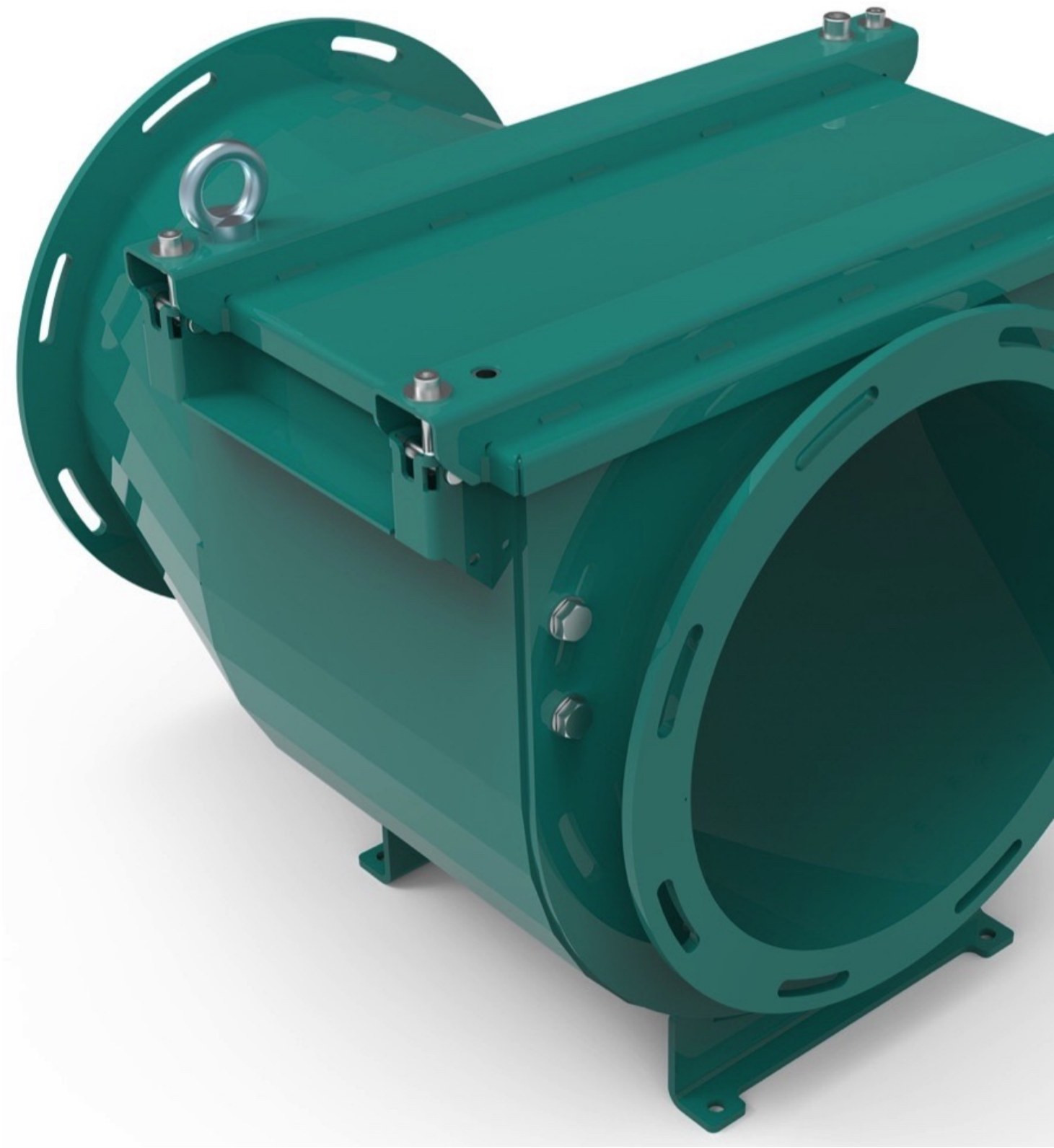
Product News

REMBE: Explosion Safety at Solids Dortmund 2018

Edited by on 24. Sep. 2018
Brilon, Germany –

REMBE is already known throughout the bulk solids industry as a provider of Safety Scans (plant inspections including risk assessments), Explosion Safety equipment, as well as installation and maintenance services. The company will welcome its customers in Hall 5, Stand J 01 in Dortmund with two new products in addition to the proven classics.

New Non-Return Valve Q-Flap RX

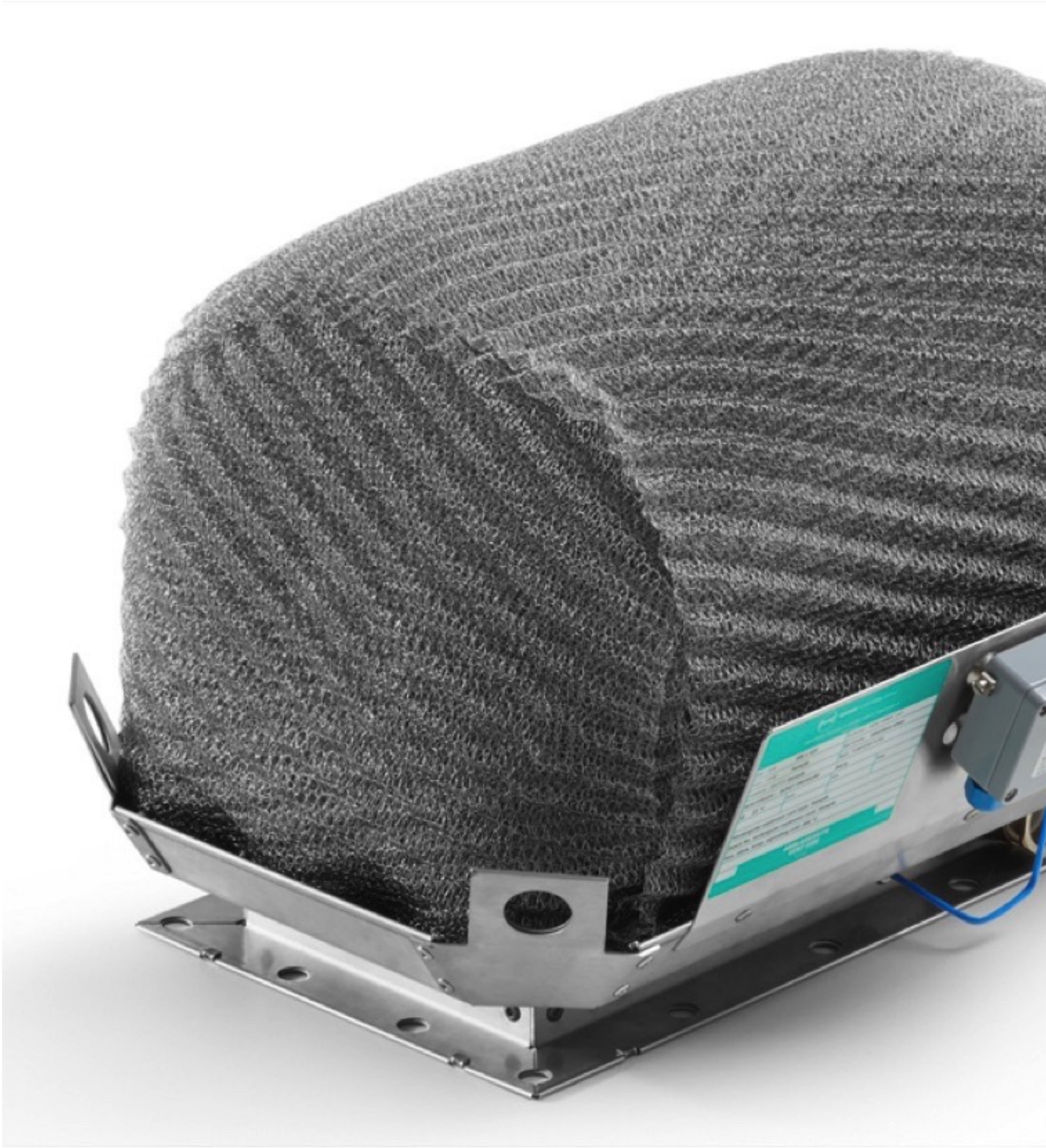


Q-Flap RX

Isolation is a decisive component of an Explosion Safety concept. No matter how much operators invest into (flameless) venting - if an isolation is missing, an explosion can spread within the system, and continue to propagate from facility section to facility section. In the worst case, the blast wave will overtake the flames, and the explosion will turn into a detonation.If a sensible isolation is part

of the safety concept, then there's no reason to worry about such horror scenarios any longer. The new Q-Flap RX non-return valve is a joint development between REMBE and the Swiss company RICO. "A combination of German engineering and Swiss precision", that is how Dr.-Ing. Johannes Lottermann, Director for Explosion Safety at REMBE describes the new product.The strict requirements of EN 16447 for the maximum safety and reliability are particularly achieved by the very high strength and extremely flexible installation distances - and all of this thanks to the patented swivel carriage principle.The Q-Flap RX is currently available up to DN 400, and as of early 2019 up to DN 1250.

Q-Ball E - Flameless Venting for Elevators with a minimum Dead Weight and maximum Relief Effectiveness



Q-Ball E – Flameless venting for elevators

In addition to the requirement that neither flames nor pressure escape from the protection system, flameless venting devices should also be evaluated in terms of their relief effectiveness and weight. Because: Low efficiencies mean that more relief openings and associated protective systems are required. A too heavy weight requires conversions to the vessel in order to ensure its stability.The Q-

Ball, which is primarily designed for elevators, uses the principle of the parallel contour relief developed by REMBE. Thanks to the innovative design, the weight of theQ-Ball is very low. While comparable products from other suppliers weigh between 100-200 kg, the Q-Ball is an absolute lightweight with just 25-50 kg. This particularly facilitates the handling during assembly, as well as the requirements for the installation on the systems in the truest sense of the word.***Visit REMBE at Solids Dortmund 2018, Hall 5, Booth J 01.***