

## Ultra-strong pumps in the heart of gas washing systems

Gas or vapors released in industrial processes such as chemical stripping, surface treatment, precious metal mining/recovery, the production or distribution of chemical products are generally very harmful for the environment. They are often extremely corrosive and contain dust particles. Munsch Chemie Pumpen, the German specialist of industrial plastic pumps, has been distinguished for more than 50 years with strong and innovative solutions for caustic and abrasive liquids. An interview with Jean-Paul Jackers, director of Bowi Pumps & Levels, the exclusive distributor of pumps from Munsch for Belux. BY AYOUB ALAOU I PHOTOS BOWI PUMPS & LEVELS

### When the operating conditions become very demanding

The scrubbers can require a lot from rotating parts, especially concerning the chemical resistance and abrasion resistance.

Jean-Paul Jackers explains about the operation of those installations: "The scrubber neutralizes and eliminates gas and dust particles by putting them in contact with a washing solution, either with plain water (to wash the dust) or with a reagent aimed at certain chemicals such as hydrogen chloride (HCl) or ammonia (NH<sub>3</sub>). The result is clean air."

### The scrubber system



The treatment becomes more effective with a longer residence time in the gas cleaning device or by increasing the contact surface with the scrubbing solution, for example by using atomisation tubes.

### An ultra-strong maintenance-free solution

Jean-Paul Jackers: "It is at the heart of these washing processes that the centrifugal pumps of Munsch are applied. They are particularly suitable for applications which are very demanding in the field of chemical resistance and abrasion resistance. The Munsch pumps have a rugged construction in PP, PVDF, PE-UHMW or PFA and are available with magnetic coupling or mechanical gaskets, in a standard or an ATEX version. They provide a reliable solution giving our customers a sustainable, ready-to-use gas washing system in which the washing solutions recirculate the purified air and the neutralized solution over and over again and all that without any unplanned interruptions- too often synonym for extensive production losses for the customer.«

### Positive reactions

Jean-Paul Jackers quotes one of his satisfied customers: "Yes, ordering Munsch pumps at Bowi Pumps & Levels, was definitely the right



### Re-circulating PP-Centrifugal pumps

choice. This way we can install strong, reliable pumps, customized to the exact data of our application and according to the specific requirements of the end-user. Additionally, the predefined delivery date is carefully observed, even if it is sometimes incredibly tight."

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