

Gericke

## Conveying System with Small Headroom

While the advantages of pneumatic dense phase conveying systems are well known, pressure vessels require in general a certain height to be installed, which is not always available. As an alternative, rotary valves are used, with all negative side effects as air leakage, wear and product attrition. Gericke has developed a small conveying pressure vessel, which, with its 20 liter volume, requires only the headroom of 660 mm.

The smallest sender Gericke PTA/PHF 20 performs with a throughput

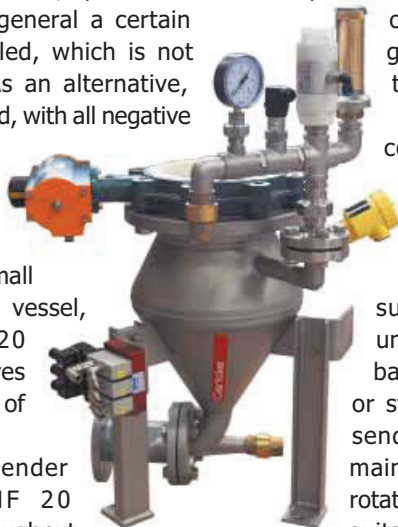
of 1.5 m<sup>3</sup>/h and up to 50 meters. It is equipped with a level probe and the additional air volume control makes the conveying even more efficient. The dense phase conveying can be carried out either as product-gentle plug conveying or thrust conveying.

Due to the very compact design with a required height of only 660 mm, the PTA/PHF 20 conveyor sender is particularly suitable for installation under sack tipping and big bag stations, dust filters or storage containers. The sender requires very low maintenance as it has no rotating parts. Thus, it is also suitable as a replacement

of more maintenance intensive rotary valves, which are used for lean phase conveying systems.

Depending on the product characteristics, throughput rates of up to 1.5 m<sup>3</sup>/h and distances of up to 50 m can be achieved. Depending on the requirements, different versions of the conveyor system are available, such as food grade, high-temperature or wear-resistant versions and for explosive products.

The compact conveyor transmitter PTA / PHF 20 is suitable from fine powders up to granules of 15 mm. Even very light products with bulk densities of 0.1 kg/l up to very heavy steel balls of 5 kg/l have already been conveyed successfully. Examples of conveyed products include sand, milk powder, nuts, salts, metal powders, additives, filter dusts and blasting agents. ■



United Caps

## Innovative Standard and Bespoke Closure Solutions

In its second time exhibiting at Propak Asia, United Caps, an international manufacturer of caps and closures, will be showing a wide range of innovative caps and closure solutions in the French Industrial Pavilion, at stand BN21, Hall 103. This includes unique infant nutrition and agrochemical closures that will be manufactured in the company's new Malaysia plant, scheduled to open in late 2018.

"We are looking forward to having an increased presence in the Asian market, and Propak is an excellent venue to introduce ourselves to new customers and catch up with existing ones," said Mr. Benoît Henckes, CEO of United Caps. "Our Asian customers will, of course, have

access to the entire United Caps portfolio, as well as our renowned bespoke development services."

At Propak Asia, visitors to the United Caps stand will want to spend extra time with three especially innovative standard closures that will be highlighted at the show. Greencap features a superior surface finish and as the lightest snap closure on the market, it allows for nearly double the capping speeds as compared to when traditional closures are used.

Secondly, 50 and 63 Proslit are UN-compliant closures with standard PE foam

and induction heat seal liner offer superb stress cracking resistance. They have a full PA/PET chemical barrier, making them safe and reliable for all chemical products. An innovative 360° wheel design offers outstanding grip for easier opening.

Lastly, Protecscop for infant nutrition is innovatively designed with a flip-top hinged closure which allows for the one-handed preparation of feeding bottles. Its contamination-free foil-sealed chamber protects the included scoop until use; an integrated hook keeps the scoop handy for further use. ■



Greencap by United Caps