

## Visitors put chemical pump into operation

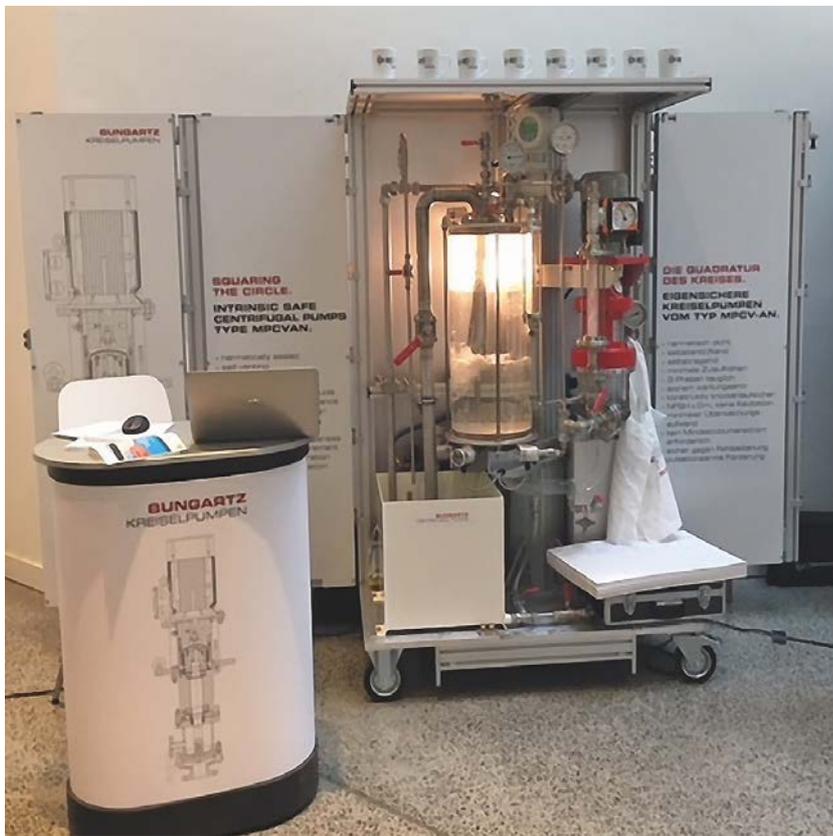
**At Chemtech, Mumbai, India, from 20-23.02.2019, the pump manufacturer Bungartz presents a functional model of his latest development. Duesseldorf/Germany (avd).**

At India's largest chemical and process industry trade fair in the Bombay Convention & Exhibition Center, the manufacturer Bungartz from Germany will present a further advancement of its proven pump type MPCVAN. In hall 1, stand C5D on the German Pavillion, visitors can put a model of the dry running magnetic drive centrifugal pump into operation and convince themselves of the advantages on site. The world of the process industry meets in February at the CHEMTECH World Expo. With over 450 exhibitors, it is the largest industry event in South Asia. In the German Pavilion, the German pavilion organized by the VDMA, the company Bungartz presents a demonstration model of the self-regulating pump from the V-AN series. The intrinsically safe MPCVAN is designed for pumping demanding fluids. The magnetically driven vertical pump is hermetically sealed and failure safe against wrong operation. The shaft seal concept is based on the complete hydrodynamic relief of the shaft seal and the bearing unit. The penetration of product fluid or vapours into the shaft seal area is prevented by impeller back vanes during operation and a gas barrier during stand-still. Even with fluids that are hot, abrasive and corrosive the same time, the MPCVAN is extremely low-maintenance thanks to this Bungartz design logic of "no fluid at the shaft seal increases the mean time to repair. This is also the topic of the accompanying presentation to be held by Michael Wolf, Regional Director Asia-Pacific Bungartz Pumps (*Friday, February 22, 2019, Session II: 1.45pm – 3.15pm: Digitalization and Advanced Pump Technology utilizing Self-Regulating Centrifugal Pumps for higher plant reliability.*)

Operational excellence:

The operation of the MPCVAN pump will be clearly demonstrated on a functional model. Visitors can watch or even "play" themselves with the MPCVAN when pumping gas or out of vacuum. It gets even more exciting when the visitor directs his attention towards the impeller backvanes. What happens during operation and what happens at standstill?

"To see is to believe", explains Dipl.-Ing. Frank Bungartz, Managing Director of the company of the same name. He invites interested people to actively experience "Bungartz in Motion" in the German Pavilion, Hall 1, Booth C5D.



*Fig.: Squaring the circle: Intrinsic safe centrifugal pumps type MPCVAN*

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