

These pumps solve problems

By tackling difficult applications, specialist pumping solutions from Bungartz save both time and money



Frank Bungartz, the third generation of his family to run the company, with an MPCH DryRun model

Difficult liquids feeding tasks appear in nearly all branches of the chemical process industries, notes German pumping specialist **Paul Bungartz GmbH & Co. KG**. Bungartz centrifugal pumps, which are designed with high levels of intrinsic safety, are ideal for extreme assignments that are too demanding for others. The company specializes in pumps that are cavitation-free

and self-regulating. Typical applications include problems with shaft seals, poor feed conditions, entrained gas, liquids close to their boiling points, and corrosive or abrasive media. The company's success is based on three pillars:

1. Sealing technology: Almost all Bungartz pumps combine a hydrodynamic primary shaft seal with a downstream secondary seal (a packed gland, mechanical seal or magnetic drive).
2. Special physics: Bungartz V-AN ("abnormal") centrifugal pumps adapt automatically to changing feed rates, and require zero NPSH.
3. Materials: These range from gray cast iron to stainless steel, titanium, zirconium, other special alloys, and even SiC. Horizontal and vertical pumps are available in radial, axial and torque-flow designs, with non-contact hydrodynamic shaft seals or mechanical seals. Models suitable for dry running also include magnetically coupled pumps in horizontal, vertical and submerged designs. www.bungartz.de