

GEA Flow Components North America

Success By Design

GEA Flow Components offers a wide range of products that allow dairies to operate in a flexible, sanitary and safe manner at the highest level of efficiency. Our products include:

GEA Aseptomag aseptic valves, GEA Breconcherry cleaners, GEA Tuchenhagen PMO mixproof valves, tank valves and single seat valves, GEA VARICOVER product recovery systems, and GEA VESTA aseptic Valves.

GEA Flow Components has always focused on quality and innovation particularly with our simple and smart design principals, such as flexibility and space-saving options in installation. Our full range of standard, long-stroke and tangential single seat valves incorporate the standard GEA Tuchenhagen valve features such as:

- Zero-maintenance and reversible actuators
- Metal-to-metal sealing for longer life
- Interchangeability of key parts for lower spare parts cost

Benefits of our full range of mixproof valves include:

- Complete safety against cross contamination – even with no or damaged gaskets
- Integrated balancer cleaning device allowing for ALL product-wetted parts of the valve, including the valve stem, to be cleaned as part of the seat lift procedure

We listen to the needs of our customers and with our wide range of products we are able to improve efficiency and ROI.

Revolutionizing the Dairy Industry

GEA Tuchenhagen's 24/7 PMO Valve and 24/7 PMO Valve 2.0 became the first mixproof valve to be authorized by the US regulatory authorities to allow seat cleaning while product is present in the valve. This breakthrough allowed processors to reap the financial benefits of full 24/7 production.

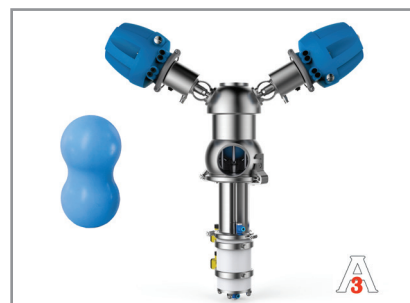


The new GEA Tuchenhagen T.VIS® A-15 control top offers a fully automatic set-up mode for quick and easy install, which is ideal for operating and monitoring GEA process valves in dairy production. Our control tops are made from Polyamide PA12 material and therefore offer resistance against higher oil-containing compressed air, and UV radiation etc. It meets IP69K standard so will not be affected by high impact wash downs and is resistant to higher levels of pipework hammer and vibration - up to 15G.

How Our Products Can Help

The GEA Tuchenhagen VARICOVER® product recovery system for pipelines allows plants to recover up to 99% of the valuable finished product. The result is increased profits, fast batch changeovers, and safe, fully automatic CIP-able systems. Cleaning times are reduced and less water / chemicals are used to clean the lines. The systems are available fully automated, semi-automated or with manual operation.

GEA Tuchenhagen has the first system to be certified under the new 2012 3-A san-



itary standard 101-00 for Pipeline Product Recovery Equipment Using Projectiles. The VARICOVER® is designed to meet all of the improved sanitary standards demanded by the dairy industry. Our 3-A approved aseptic valves are especially suited for applications such as creamers and non-refrigerated products.

GEA Tuchenhagen North America

33 McAlister Farm Road
Portland, ME 04103 USA
Tel: 866-531-5629
Gea-fc.us@gea.com
www.tuchenhagen.us

