



Product News

Gericke USA: New Dense Phase System uses Low Velocity Slugs to protect Sensitive Products

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Somerset (NJ), United States -



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Creating a gentle conveying action, the Pulse-Flow PTA operates at high pressures with low gas velocities to safely convey sensitive products in mass flow up to 500 ft (approx. 150 m) to a hopper, reactor vessel, silo, railcar, or other receiving

destination with minimal particle degradation or separation. Ideal for conveying fragile, free-flowing and cohesive powders, granulates, coarse-grained products and a wide variety of bulk food, chemical, pharmaceutical, mineral, plastic and other products, the automated Pulse-Flow PTA conveying system encompasses the feeding hopper, pressure vessel, pipeline, conveying and secondary air supply, and the company's computer-driven, touch-screen control system. The integrated conveying system is designed for reliable, unattended, 24/7 operation with easy access for cleaning, minimal wear on bends and piping for low maintenance, and low gas consumption for cost savings. Custom engineered for each application, the Gericke systems are designed to meet target throughput rates, conveying distances, footprints, particle size distributions and other requirements in either batch or continuous operation. The systems are assembled and tested in the company's Somerset, New Jersey, headquarters and installed by the company's engineering team.