



Product News

Highly Engineered Multi-Agitator Mixing Systems for Specialty Applications

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Hauppauge (NY), United States -

ROSS VersaMix Multi-Shaft Mixers are proudly designed and manufactured in the U.S. to optimize the processing of medium to high-viscosity products. These versatile mixers exhibit outstanding performance and deliver exceptional efficiency across a wide range of applications with viscosities ranging up to several hundred thousand centipoise such as pastes, gels, slurries, and suspensions.



(Picture: ©Charles Ross & Son)

ROSS has engineered a Purpose-Built VM-450-gallon VersaMix that features three independently-driven agitators including a two-wing center-mounted agitator with contoured bottom and Teflon scrapers to efficiently motivate viscous product throughout the mixing zone, a long helical flight agitator to produce better top-to-bottom mixing and a dual propeller agitator for low shear, high flow mixing.

The tank of the VersaMix is fabricated from durable 304 stainless steel, designed for vacuum operation and internal pressures of up to 50 psi. For efficient discharge, a two-way, flush tank ball valve has been integrated, while a 14" manway provides access for ingredient additions and cleaning operations. Through a 7" color touch screen interface, operators can monitor key parameters in real-time.