

# WHAT'S NEW



## ROSS Planetary Dual Dispersers

This company recently completed three 1,000-gal planetary dual dispersers, reportedly the world's largest change-can mixers of their kind. A dual-post hydraulic lift raises and lowers four sets of agitators: two pairs of helical high-viscosity blades and two dual-blade high-speed dispersers into the jacketed mix can. Two 150-HP explosion-proof, inverter-duty motors drive the variable speed agitators. The disperser's shear range and processing capability make it useful for challenging viscous dispersions up to several million centipoise.

All wetted parts, as well as the specially fabricated gearbox, are stainless steel 316L; exterior surfaces are stainless steel 304.



In addition to the planetary blades and dispersers, scrapers for the vessel sidewall and bottom are also supplied for maximum temperature and mass uniformity throughout the mixing zone. All three mixers include PLC controls, a chiller, built-in vacuum pump, and a custom CIP spray system for flushing the gearbox and mixer cover. Visit [www.mixers.com](http://www.mixers.com).

## CORTEC Silicone Coating

VpCI®-371 is a high-temperature aluminum solventborne silicone coating that provides corrosion resistance on metal substrates. It reportedly dries tack free to 5B hardness in about 20 min at room temperature, and will achieve 9H hardness after heating. The coating is also heat stable to 1,200°F with prolonged heat resistance from 400-1,200°F. Visit [www.cortecvci.com](http://www.cortecvci.com).

# ASI End User

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