

Dual-Shaft Mixers

Ross Dual-Shaft Mixers deliver a balance of bulk flow agitation and high speed



dispersion required in the processing of viscous pastes, gels, suspensions, slurries and emulsions. These machines feature two independently-driven agitators than run at different speeds, imparting varying levels of shear over a wide viscosity range. Models are offered up to 4000 gallons capacity. An air/oil hydraulic lift raises and lowers the agitators into the mix can. NEMA 12 safety limit switches prevent operation when the mix vessel or agitators are not in the proper position. The Two-Wing Anchor Agitator and dual-blade High Speed Disperser are driven by 10HP and 100HP inverter-duty motors, respectively. A customizable mixer cover includes appropriate connections for ingredient addition, dust collection and a delumping device. A thermowell with type "J" thermoprobe is also mounted through the cover. The flush tank ball valve mounted on the vessel's bottom front features a 150# ANSI flange outlet connection, pneumatic actuator and air-powered open/close controls. The vessel is mounted on three legs suitable for use with load cells.

Charles Ross & Son Company

<http://www.mixers.com> [1]

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