

Quick Mixing of Non-Flowing Viscous Mixtures



Ross Double Planetary Mixers and Discharge Systems are ideal for quick processing of non-flowing viscous mixtures. According to the company, characteristics include:

- Turnkey processes utilizing the change-can mixer and discharge platen routinely benefit from shorter cycle times and lower operating costs compared to conventional horizontal sigma blade mixers and kneader extruders.
- Cleaning and changeover procedures are very operator-friendly: a hydraulic lift raises and lowers the agitators in/out of the mix vessel, enabling full access; multiple interchangeable vessels may be used for semi-continuous operation or dedicated to specific formulations to reduce cleaning frequency; and the discharge operation thoroughly wipes down the vessel sidewalls leaving only a thin layer of product on the bottom to be cleaned out manually.
- The 40-gallon Sanitary Double Planetary Mixer with Discharge System (pictured) is equipped with two helical High Viscosity “HV” blades that rotate on their own axes, orbiting the mix vessel on a common axis — a configuration that is suitable for handling viscous batches up to 6 million cP.

Quick Mixing of Non-Flowing Viscous Mixtures

Published on Chem.Info (<http://www.chem.info>)

www.mixers.com [2]

Source URL (retrieved on *03/05/2015 - 7:38am*):

http://www.chem.info/product-releases/2012/05/quick-mixing-non-flowing-viscous-mixtures?qt-most_popular=0

Links:

[1] <mailto:sales@mixers.com>

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