



550 / 500 SERIES TRI SHAFT



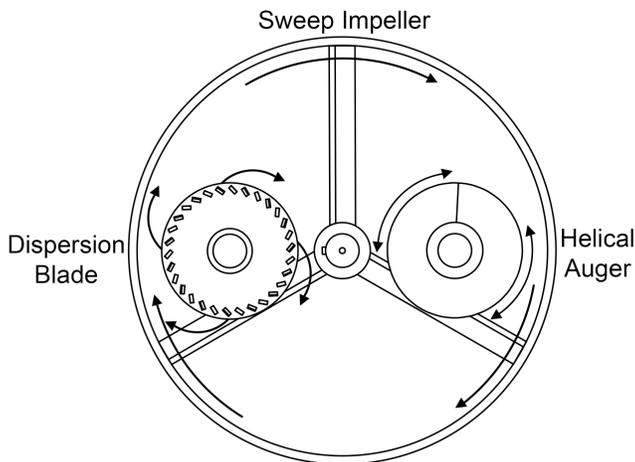
The Myers 550/500 Tri-Shaft Series are a complete line of combination disperser-mixer-emulsifiers utilizing separate driving motors and multiple impeller styles to rapidly disperse extra-high viscosity, slow-flow products. The 550/500 Tri-Shaft Series is especially designed for high viscosity, limited-flow products such as:

- Urethanes
- Epoxies
- Adhesives
- Sealants
- Silicones
- Caulks
- Plastics
- Heavy inks
- Tough chemicals

Multiple machine configurations including:

- Vacuum and jacketed tanks available
- Mix entire batch at full speed in the raised position
- Floor-level or lift-to-discharge through gate valve
- Independently-driven shafts

Many blade variations and combinations available to cut rubber, emulsify, provide extra-fine dispersion, or mix heavy paste. Myers has developed several specialized blades including a gate blade, open auger blade, and custom designs to accommodate special needs in mixing high viscosity products. Each of the three drives can be operated separately, providing maximum flexibility.



LEFT: A large slow-speed sweep impeller starts batch movement and pushes product away from the tank walls. The reversible intermediate-speed helical auger blade further mixes the batch and keeps forcing product into the high shear zone of the disperser blade where it completely disperses the material.