



DUAL/TRIPLE MOTION TECHNOLOGY

Scott Turbon® Laboratory, Top Mounted, and Hydraulic Ram Mixers can be fitted with additional mixing technology for more efficient processing of thick products.

The dual shaft mixer normally utilizes a high shear mixer in conjunction with a sweep, scrape surface, or turbine agitator. For low shear applications, a pitch blade turbine with a sweep or scrape surface agitator, or a counter-rotating concentric shaft arrangement can be incorporated.

The triple shaft mixer consists of a sweep or scrape surface agitator, a pitch blade turbine and a high shear mixer. When a counter-rotating mixer is requested, a bottom mounted mixer is fitted to the tank to complete the system.

Standard Features:

- High quality stainless steel construction
- #4 sanitary polish (approx. 32 Ra)

Optional Features:

- UL certified XP control panels
- Stainless steel* or XP motor
- Higher electro-polish finish available
- Heating/Cooling jacket on tank and temperature controls
- Vacuum system

Benefits of using multi-shaft mixers:

- Better flow for high viscosity products
- Use of scrapers that pull product from the tank walls
- Customizable helix and scrape surface agitators



*Available up to 20HP

Triple Motion Technology



*Triple Motion with Head B,
Scrape, and Propellers*

TYPICAL MIXING

Applications

- Dispersion
- De-agglomeration
- Dissolution
- Hydration
- Blending
- Homogenization
- Emulsification
- Suspension
- De-aeration

Industries

- Food & Beverage
- Pharmaceutical & Biotech
- Cosmetics & Personal Care
- Chemical
- Petroleum Engineering
- Automotive

Benefits of using multi-shaft mixers:

- *When using a scrape,
better heat transfer*
- *Use of foil blades,
propellers, or
dispersers depending
on the shear needed
for the application*

