



Custom Engineered Agitation Solutions

The MixPro™ line of top entry gear drive agitators provides customers with a robust, reliable agitation source for high production industrial environments. The durable non-proprietary reducer utilizes parallel helical gearing and was designed specifically for mixer applications. Our popular 'GTH' design utilizes process matched wet ends for optimum agitation solutions. The ruggedness of the unit has proven itself in abusive applications, consequently minimizing downtime.

This established MixPro™ design is widely recognized by industry as a leader in top entry agitation equipment.



Built to handle the toughest environments MixPro™ agitators have proven themselves time and again in high production manufacturing environments where quality and performance are paramount. Our quality assurance process tests every mixer to withstand the harshest conditions and perform to specification.



SERIES OF TOP ENTRY AGITATORS

GTH

Features & Benefits

- The agitator drive is comprised of a robust non-proprietary reducer which utilizes parallel helical gearing and has a minimum mechanical service factor of 1.5. The thermal rating of the reducer exceeds the mechanical rating of the reducer. Larger service factors are available upon request.
- The low speed shaft drywell feature provides a positive leak prevention of the unit oil sump to eliminate product contamination.
- Upper reducer seals are grease purgable to prevent contaminants from destroying the seals and entering the unit.
- The reducer housing design allows oil from all bearing cavities to be drained through the sump during routine maintenance.
- Tapered bushing feature provides for easy installation and removal of the mixer shaft while still ensuring a tight connection.
- Three bearing low speed shaft design is supplied to provide greater stability and load carrying capacities which are typical requirements in mixer applications.
- Self aligning double row spherical roller bearing allows for a higher degree of angular deflection of the drive shaft.
- Wide low speed shaft bearing span allows for greater radial load capacity (ie. greater bending moment capacity). Also, the reducer is sized to accommodate these dynamic loads and provide a minimum bearing L-10 life of 100,000 hours.
- The agitator drive head is available in a variety of configurations, matched to the application (ie. flange mount, plate mount, with tank seal, without tank seal, etc.).
- Optional tank seal is intricate to the reducer housing, eliminating shaft misalignment during installation.
- OSHA guarding is standard for increased safety.

Contact Us

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Your local representative is:

Applications



Pulp & Paper

- Stock Prep Systems
- Recovery Systems
- Coating Systems
- Effluent Treatment



Mineral

- Precious Metals (gold & silver)
- Base Metals
- Effluent Treatment
- Cyanide Destruct



Non-Metallic Minerals

- Clay
- Calcium Carbonate
- Titanium Dioxide



Chemical

- Paints & Pigments
- Edible Oil
- Starch
- Petro-Chemical
- Alcohol Production
- Building Products



Wastewater/ Water Treatment

- Flocculation
- Chemical Blending
- Flash Mixers

