



## Custom Engineered Agitation Solutions

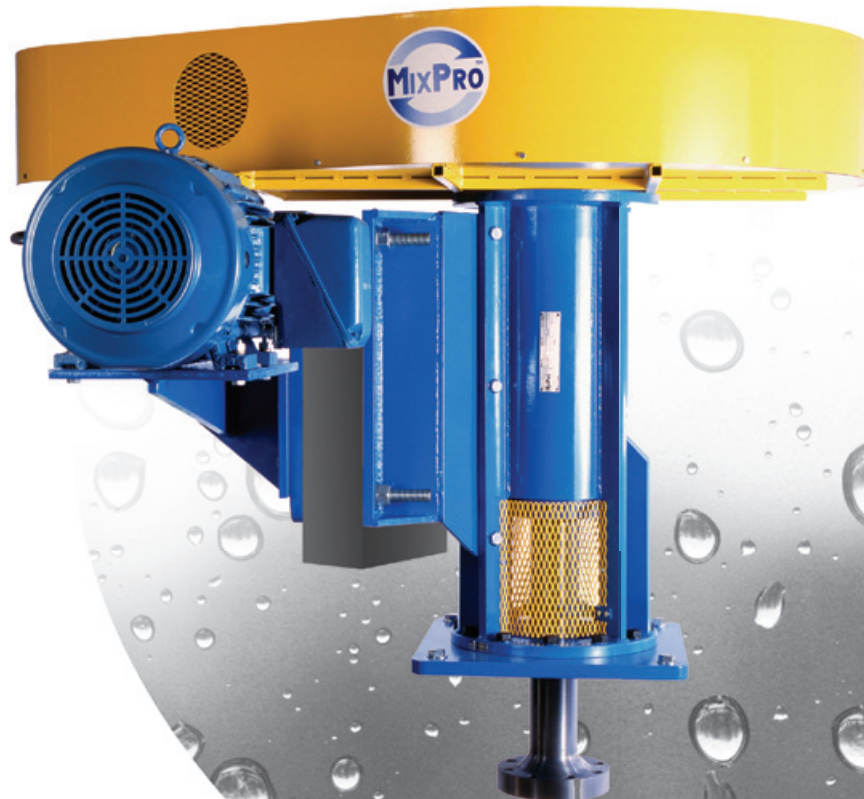
The MixPro™ line of top entry flex protected 'VTG' style agitators provides customers with a robust, reliable agitation source for high production industrial environments. Process flexibility can be achieved by means of a simple sheave change. The unique 'VTG' design not only utilizes the concept of modularized components but also incorporates easily accessible service points for maintenance personnel. 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.



## Features & Benefits

- Modularized drive concept allows for quick, easy replacement of major components.
- A robust manufactured carbon steel bearing housing assembly, intricate to the flex protected drive, isolates the gear reducer from the dynamic and static loads associated with the wet end of the agitator.
- The reducer is sized to accommodate the overhung load associated with the belt pull.
- The agitator drive heads are 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 bearing housing, eliminating shaft misalignment.
- Reduction through the v-belt drive and isolation of the dynamic loads enables a much smaller reducer to be sized for the mixer drive head, saving in down time and capital costs.
- Non proprietary reducers are used in the 'VTG' design allowing for reducer manufacturer preferences and competitive parts pricing.
- The reducer is sized to accommodate the overhung load associated with the belt pull and maintain a minimum bearing L-10 life of 100,000 hours.
- The minimum mechanical service factor of the gear reducer is 1.5. The thermal rating of the reducer exceeds the mechanical rating of the reducer. Larger service factors are available upon request.
- OSHA shaft and belt guarding is standard for increased safety.
- To allow for easy access and servcability, the inspection port doors are hinged as a standard on belt guards.
- Process flexibility can be achieved through a simple and easy sheave change.

## Contact Us

**Professional Mixing Equipment Inc.**  
 22 Melanie Drive, Brampton, ON, Canada L6T 4K9  
 Tel: (905) 790-5444 Fax: (905) 790-5420  
[www.mixproagitators.com](http://www.mixproagitators.com)

Your local representative is:

## Industries



### Pulp & Paper

- Stock Prep Systems
- Recovery Systems
- Coating Systems
- Effluent Treatment
- High Density Towers



### 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

