

## MAX2000® Agitators



### Key Benefits -

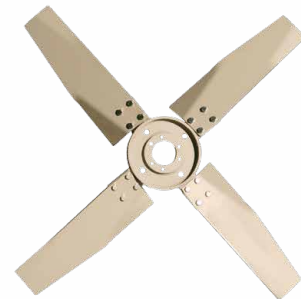
- Over 20 years of proven durability
- Design options provide tailored installation solutions
- An efficient & quiet transfer of power is done with minimal temperature rise
- Rugged drop bearing design extends gearbox life
- C-face motor input eliminates troublesome couplings and prevents misalignment



Impeller variations are engineered according to tank volume and expected duty for optimal mixing, thus lowering cost. Keyless bushings allow for easier installations and impeller height adjustments.



Flat Blade impellers have a radial flow.



Hydrofoil blade impellers have an axial flow.\*



Canted blade impellers have a radial/axial flow.\*

## Right-Angle and Vertical Agitators

### Features -

- MAX2000® Agitators feature a rugged cast iron gear case that houses helical bevel gearing.
- MAX2000® Agitator drop bearings are designed to handle shaft deflection in deep tanks and the drop bearing is easily maintained from the top of the tank.
- Service factors that promote high quality solids control efforts and maximized returns.
- Configuration options allow for worldwide use and acceptance.
- Gearbox sight glass allows operator to visually inspect gearbox lubrication.

*\*PSI offers hydrofoil or canted impellers in carbon and stainless steel.*

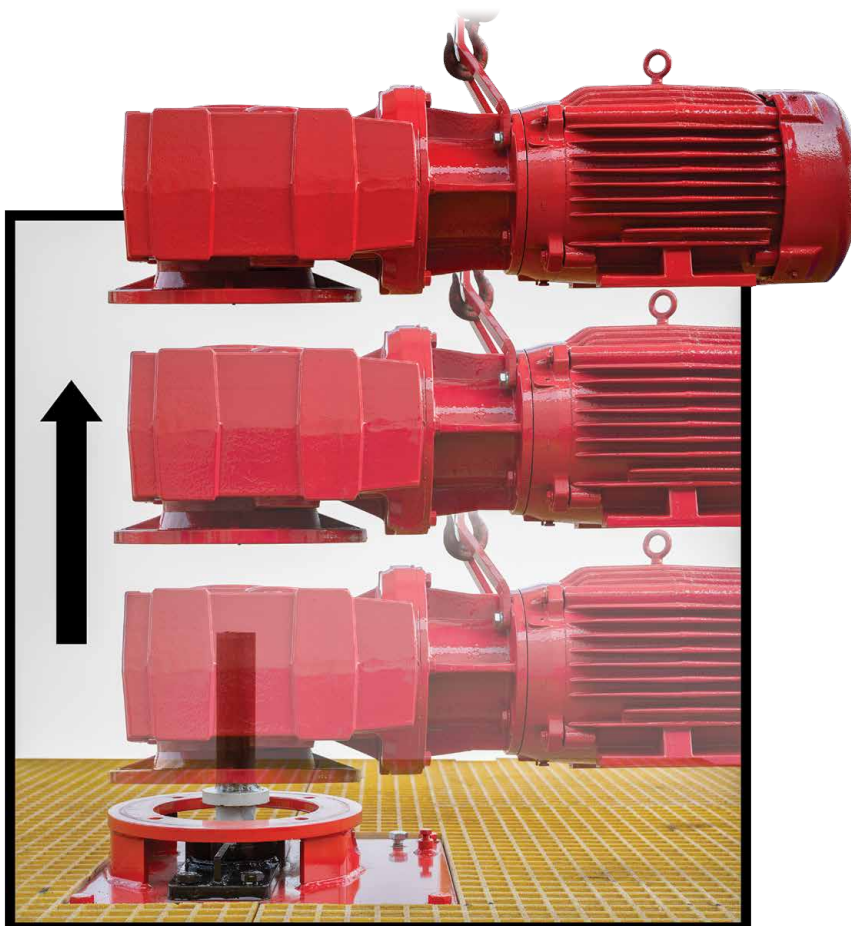
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### PSI Shaft Holder with Removable Gearbox

Personnel safety is always the driving force when designing equipment at PSI. PSI's new shaft holder design allows gearbox maintenance without opening a confined space permit or removing liquid from the tank. The agitator shaft is secured "in place" while the gearing section is removed or installed.

### PSI "Zero Entry" Mounting Design

- The unique shaft holder allows for a quick and safe installation with less personnel.
- Zero tank entry if gearbox or motor service is required.
- Rigid shaft clamp protects the gearbox output bearings during rig moves.



Our shaft to shaft coupling has proven itself to be one of the strongest and most reliable in the industry.



Bottom Shaft Stabilizers reduce lower shaft movement and increases gearbox life.

- Options are available.

