



**CLEVELAND**  
**MIXER**  
EST. 1940

**CLEVELAND MIXER**  
4 Heritage Park Rd.  
Clinton, CT 06413

**P:** (800) 243-1188  
**P:** (860) 669-1199  
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[info@clevelandmixer.com](mailto:info@clevelandmixer.com)

## FIXED MOUNT MIXERS

*FRG, FRH, FRG-C & FRH-C SERIES*

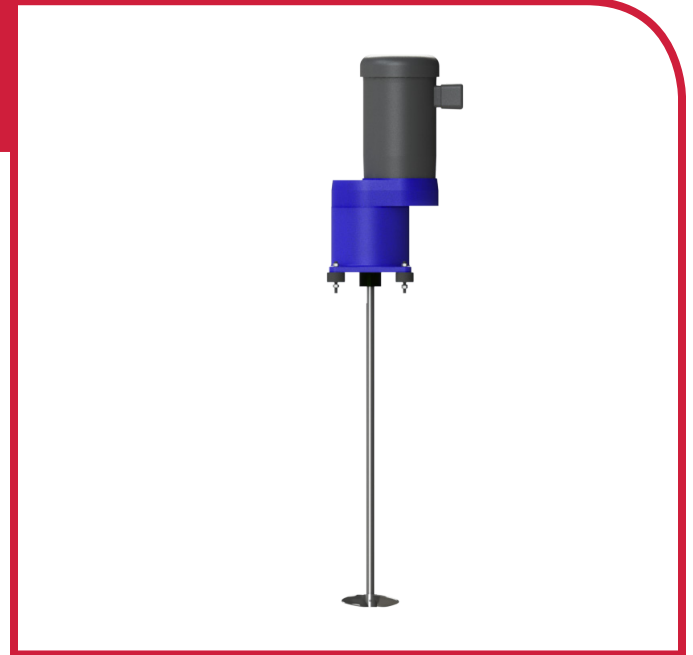
- » **MODULAR DESIGN** for easy adaptation between sealed, closed, and open tanks.
- » **QUICK SHIPPING** usually within 2 days based on configuration selected.
- » **DURABLE CONSTRUCTION** for lasting performance and long service intervals.

### EXCEPTIONAL STRENGTH AND RANGE

The FRG and FRH model series from Cleveland Mixer is a venerable and rugged agitator design that is suitable for mixing applications from 500 to 5,000 gallons.

The product series is easily adapted across a host of different industrial mixing processes and environments by virtue of its broad selection of horsepower, output speeds and impeller configurations.

Durability is assured through the use of heavy duty, oversized Timken tapered roller bearings, AGMA 10 helical gearing and rigid shaft couplings. For OEM and end users alike, Cleveland Mixer's FRG / FRH series is an optimal choice.



### DURABLE, STABLE PERFORMANCE

Oversized, high quality Timken tapered roller bearings for superior impeller shaft support, low vibration level and strength for long, overhung impeller shafts. Reliable rigid and/or removable shaft couplings for ease of installation and start up.

### EASY MAINTENANCE

All motors are standard NEMA C-face mounted for facilitated maintenance and replacement. Minimum 1.15 service factor, TEFC industrially rated electric motors from Baldor. Air powered mixers have Gast air motors.

### WIDELY CONFIGURABLE

Broad range of optional impellers, wetted materials of construction such as Hastelloy, Alloy 20, Monel, and Titanium. Available impellers with PVDF, PFA and Rubber.

### HIGH EFFICIENCY GEARING

AGMA 10 helical gearing for high efficiency and long service life. Minimum mechanical service factor is 1.50 on highest horsepower models.



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## FRG SERIES FIXED MOUNT, OPEN TANK, GEAR DRIVEN

All Baldor motors are standard NEMA C-faced frames, have standard horsepower ratings and a service factor of 1.15

Our mixer housings are high strength aluminum alloy and OSHA approved for safety and powdercoated for long term use in harsh industrial environments.

Our portable mixers do not require any routine lubrication. Food grade grease is standard and does not require changing for five years.

Modular Components: If a process change requires a higher HP motor, you don't need a new mixer. Install the required replacement in less than 10 minutes.

We use a single set of forged and precision ground (AGMA 10) helical gears rated at 4.5 HP at 400 rpm on all models for a high service factor.

Our investment cast propellers are the best economical choice for low shear and high flow.



### Why choose Cleveland Mixer for all your fluid process applications?

- » **APPLICATION ENGINEERING**—your process goals are our top priority
- » **DESIGN FLEXIBILITY**—let our engineering team create solutions for you
- » **INDUSTRY LEADING DURABILITY** and 3 year guarantee

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## FRH SERIES FIXED MOUNT, OPEN TANK, DIRECT DRIVE

All Baldor motors are standard NEMA C-faced frames, have standard horsepower ratings and a service factor of 1.15

Our mixer housings are high strength aluminum alloy and OSHA approved for safety and powdercoated for long term use in harsh industrial environments.

Our portable mixers do not require any routine lubrication. Food grade grease is standard and does not require changing for five years.

Modular Components: If a process change requires a higher HP motor, you don't need a new mixer. Install the required replacement in less than 10 minutes.

We use a single set of forged and precision ground (AGMA 10) helical gears rated at 4.5 HP at 400 rpm on all models for a high service factor.

Our investment cast propellers are the best economical choice for low shear and high flow.



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## FRG-C SERIES FIXED MOUNT, CLOSED TANK, GEAR DRIVEN

All Baldor motors are standard NEMA C-faced frames, have standard horsepower ratings and a service factor of 1.15

Our mixer housings are high strength aluminum alloy and OSHA approved for safety and powdercoated for long term use in harsh industrial environments.

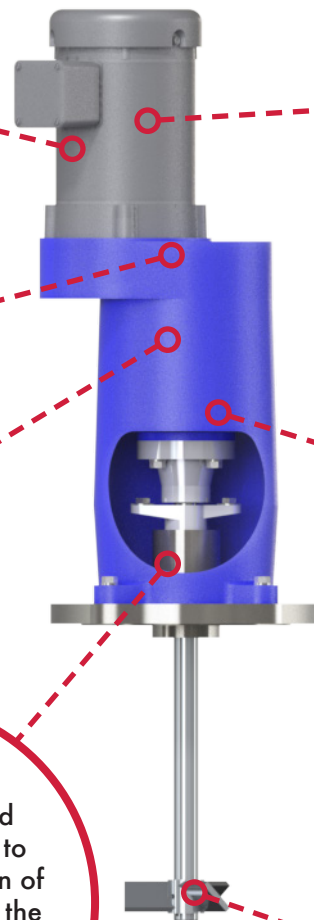
Cleveland Mixer portable mixers do not require any routine lubrication. Food grade grease is standard and does not require changing for five years.

Various seal options are available based on your application to prevent contamination of the process media or the surrounding environment. The lower shaft gear and all motor bearings are sealed.

Modular Components: If a process change requires a higher HP motor, you don't need a new mixer. Install the required replacement in less than 10 minutes.

All Cleveland Mixer portable agitators contain oversized Timken Tapered Roller bearings for a long, worry free service life. Washdown duty bearings are available if needed for your application.

Our investment cast propellers are the best economical choice for low shear and high flow.



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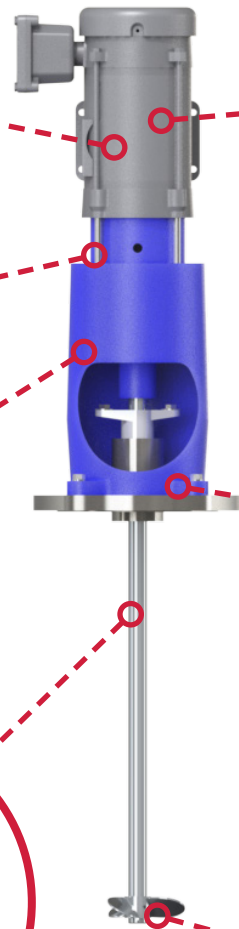
## FRH-C SERIES FIXED MOUNT, CLOSED TANK, DIRECT DRIVE

All Baldor motors are standard NEMA C-faced frames, have standard horsepower ratings and a service factor of 1.15

Our mixer housings are high strength aluminum alloy and OSHA approved for safety and powdercoated for long term use in harsh industrial environments.

Cleveland Mixer portable mixers do not require any routine lubrication. Food grade grease is standard and does not require changing for five years.

All of our units feature pump shaft quality impeller shafts in carbon steel or 316 Stainless Steel resulting in greater mechanical integrity.



Modular Components: If a process change requires a higher HP motor, you don't need a new mixer. Install the required replacement in less than 10 minutes.

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