

CLEVELAND
MIXER
EST. 1940



“Fluid Handling Specialists”

D.J. Shubeck Company

3111 Stage Post Dr., Suite 101; Bartlett, TN 38133

Phone: 901-372-2400 Fax: 901-372-4777

Email: steveschneider@djshubeck.com

Fixed Mount Mixers

(FRG / FRH 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, 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

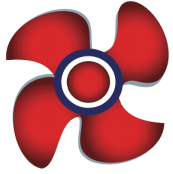
All motors are standard NEMA C-face mounted for facilitated maintenance and replacement. Minimum 1.15 service factor, TEFC industrially rated electric motors from Baldor. Air powered mixers have Gast air motors.

Wide Range of Configurations

Broad range of optional impellers, wetted materials of construction such as Hastelloy, Alloy 20, Monel, and Titanium. Coated impeller assemblies such as PVDF, PFA and Rubber are also available.

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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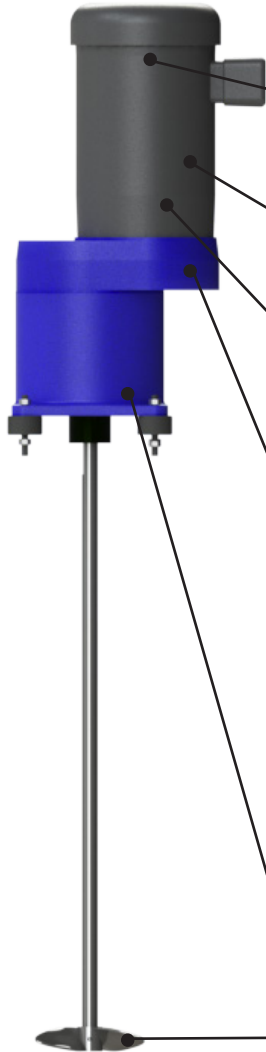
Cleveland Mixer
4 Heritage Park Road
Clinton, CT 06413-1836

P: (800) 243-1188
P: (860) 669-1199
F: (860) 669-7461

info@clevelandmixer.com

FRG Gear Driven Mixer

American Made Quality



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

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 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.

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
- Industry leading 3 year guarantee

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