CLEVELAND MIXER
EST. 1940

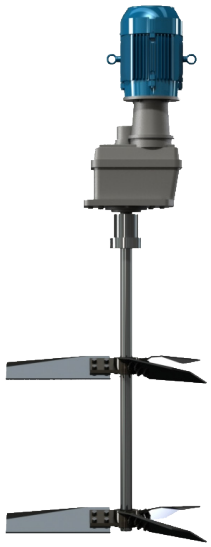
CLEVELAND MIXER
4 Heritage Park Rd.
Clinton, CT 06413

P: (800) 243-1188
P: (860) 669-1199
F: (860) 669-7491

info@clevelandmixer.com

PARALLEL SHAFT MIXER

HGD SERIES



- » **OUTSTANDING EFFICIENCY** rating of 97% with oversized gear housing.
- » **POSITIVE LEAK PROTECTION** (drywell) to ensure ROI and process integrity.
- » **RECORD UPTIME** of 16 years without a service failure.

MINIMAL DOWNTIME LEADER

If downtime is not an option, Cleveland Mixer's HGD Parallel Shaft Mixer is the right solution.

Ideal for industrial waste treatment, biofuels, chemical and petro-chemical, as well as pulp and paper production, our Parallel Shaft Mixers offer unmatched system rigidity, vibration isolation, and bearing life (over 100,000 hours). With a record of 16 years of continuous uptime and our standard three year warranty, the HGD Series is peace of mind you can purchase.

Cleveland's Parallel Shaft Mixers boast AGMA mixer shaft output speeds from 37 to 350 RPM using conventional 1750 and 1170 RPM motor speeds. And all with one of the best long-term ROI's available on today's market.

DRYWELL CONSTRUCTION

An internal dam in the gear reducer prevents oil leakage at the output shaft eliminating any potential contamination of your process.

LOW SPEED BEARING CONFIGURATION

High-capacity, spherical-roller, mixer shaft bearing isolates impeller loads from gearing and provides a high moment capacity. Tapered roller bearings accept high thrust loads in either direction. Bearing life rated at over 100,00 hours.

SELF-ALIGNING HOLLOW QUILL OUTPUT SHAFT

Provides maximum protection for drive bearings and gears while eliminating the need for expensive removable couplings.

HIGH EFFICIENCY OPTIONS

Process related choice of impellers, including one of the highest efficiency hydrofoils on the market. Modified designs of standard options are offered along with radial and conventional axial configurations.

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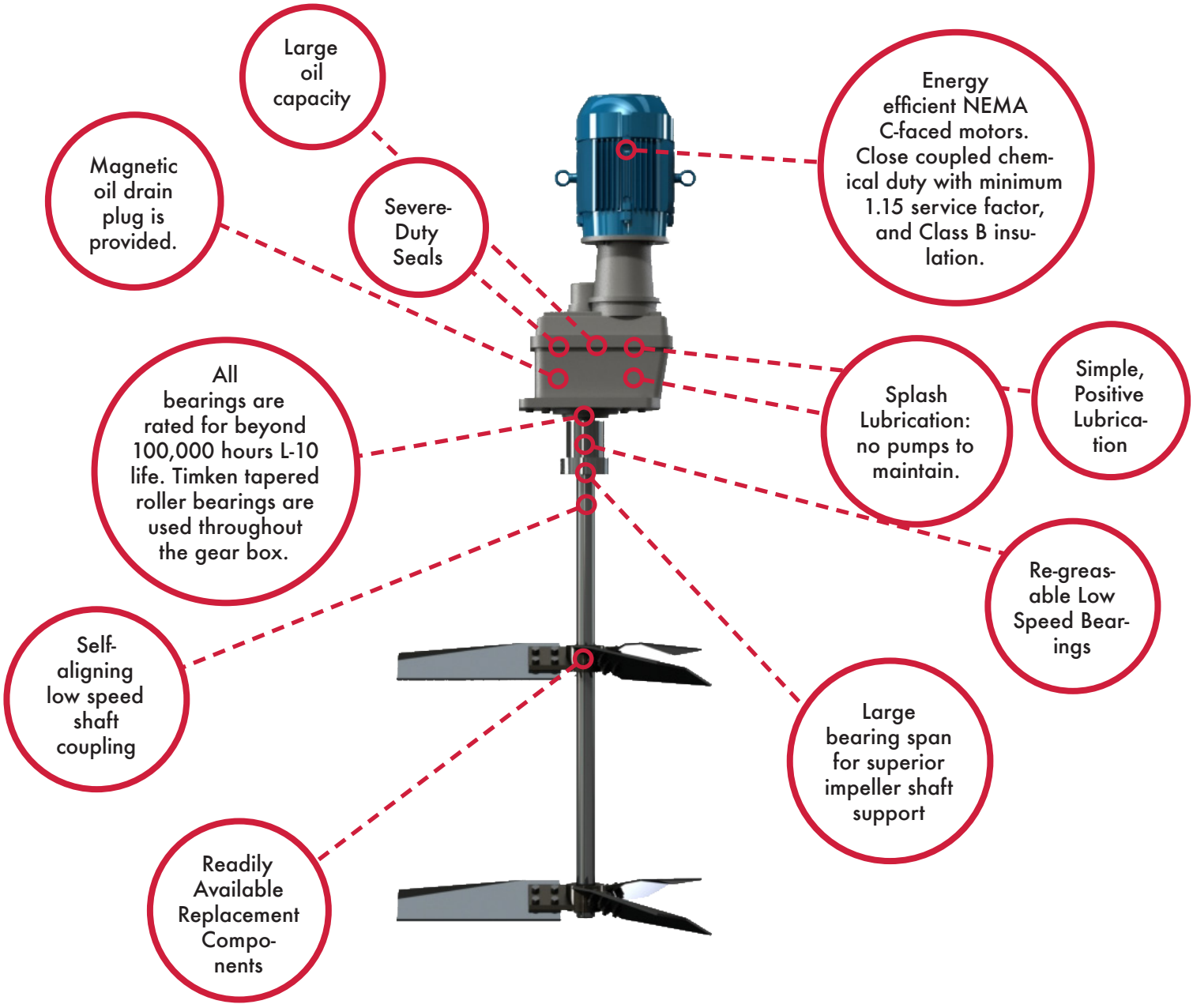

Why choose Cleveland Mixer for all your fluid process applications?

- » **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