



CLEVELAND
MIXER
EST. 1940

CLEVELAND MIXER
4 Heritage Park Rd.
Clinton, CT 06413

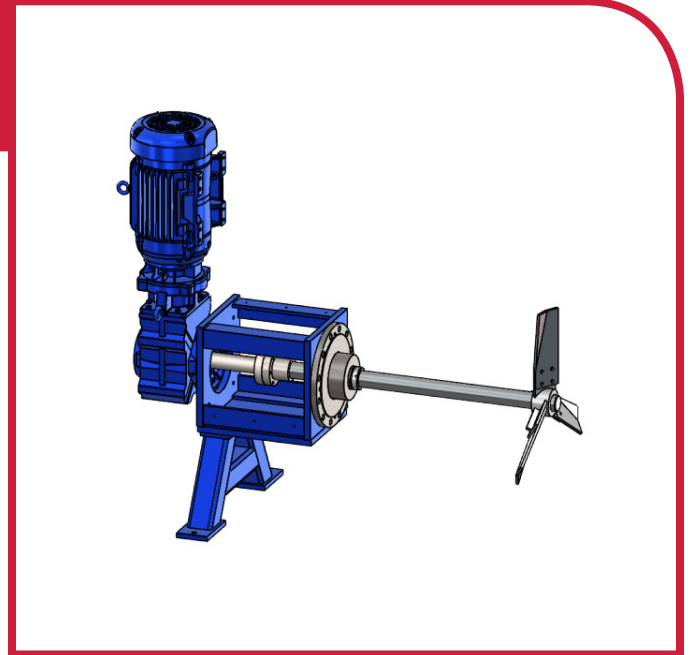
P: (800) 243-1188
P: (860) 669-1199
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info@clevelandmixer.com

SIDEWINDER MIXER

GCD SERIES

- » DESIGNED for applications from 10,000 to 1,000,000 gallons.
- » BROAD RANGE of output ratios, output shaft diameters and features.
- » ENHANCED rigid gear reducer and A-frame stand design supports cantilevered impeller shafts without compromising longevity or reliability.



SUPER ROBUST, EXCEPTIONALLY RELIABLE

The Cleveland Mixer Sidewinder / GCD series features a high efficiency (up to 95%) gear reducer. While most mixing can easily overload ordinary, commercial gear reducers, the GCD's ultra-rigid, single piece, high density, cast iron housing creates a foundation for bearing strength and a long life of trouble free service. All selections are rated for AGMA Class III conditions — continuous 24/7 operation under extreme shock loading.

Easy access to gearbox fixation points helps to reduce assembly and installation time thereby reducing installation and maintenance costs. Oversized gussets at each bearing location along with oversized bearings enable the Sidewinder / GCD to bear the high bending and torque loads that are typical with most side entry mixing applications.

The product range is from 3HP to 25 HP with output shaft diameters from 1.25 to 3.00 inches. Mixing volumes up to 1,000,000 gallons can be handled with generous design margins — all in a compact and efficient package. The product line has nine different sizes which offer B10 bearing lives in excess of 50,000 hours as a minimum. Long

intervals between oil changes and the 2-stage gearbox concept reduces maintenance costs and the need for a large stock of spare parts.

The Sidewinder / GCD series also offers a unique bearing and shaft support pedestal that allows the impeller shaft to remain in place while the gear reducer and/or seal is removed from service for overhaul.

The GCD side entry mixer is designed per your application demands. Like our other side entry agitators, we back our products with a 3 year mechanical warranty and a process guarantee.

RESILIENT, CUSTOM DESIGN

Near silent operation from high tensile and case hardened steel gear wheels. Gearing is hardened to 62 HRC and is impervious to shock. Gear teeth flanks are hobbled and ground. Unique heat shrunk high speed pinion gear that does not flex and guarantees precise tooth matching. A high tensile strength sealed gear reducer casting ensures long bearing/oil life and reduces the chance for oil leakage.



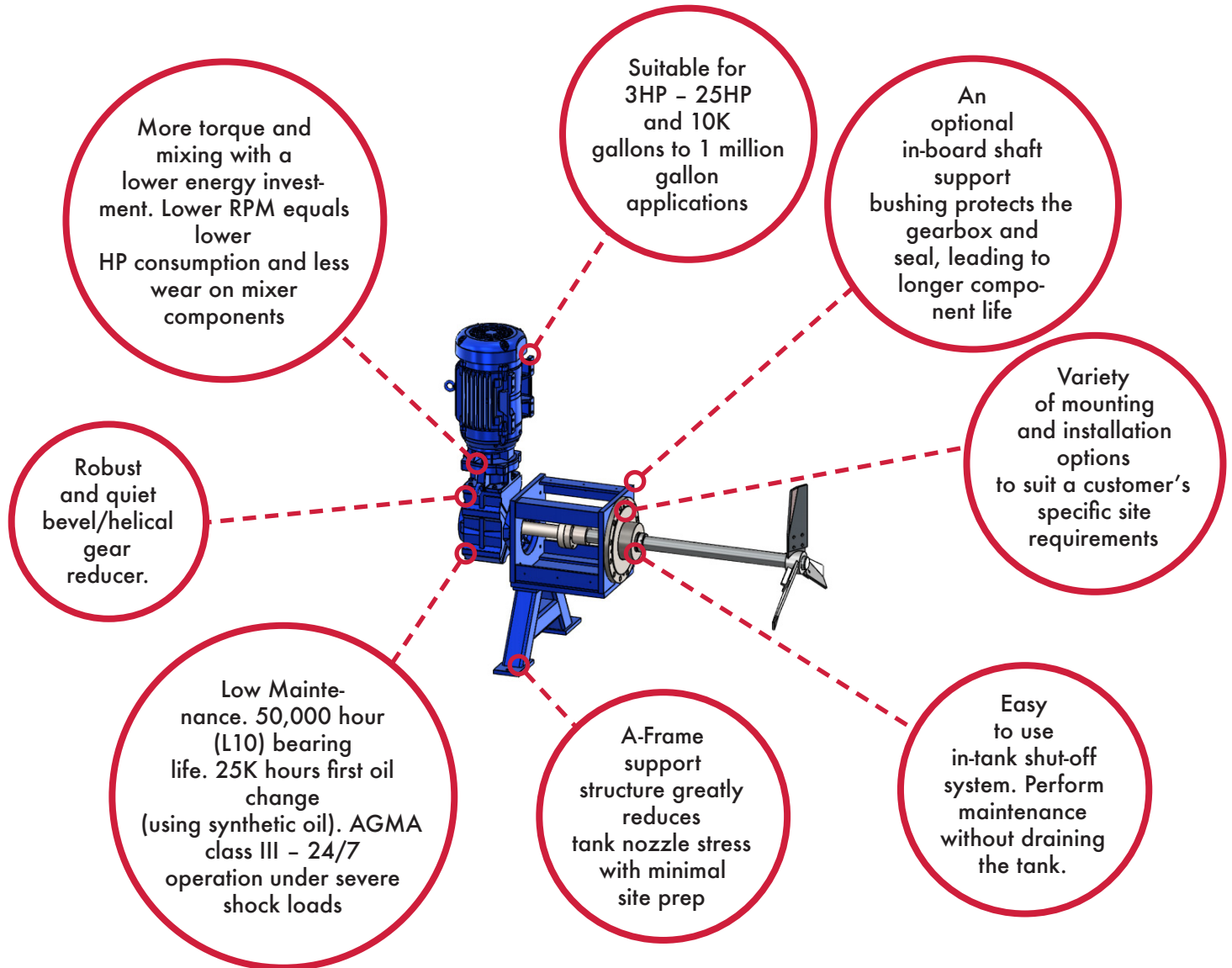
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Why choose Cleveland Mixer for all your fluid process applications?

- » 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