

CLEVELAND
MIXER
EST. 1940

APD Top Entry Mixer (APD Series)

- Designed for applications from 3,000 to 200,000 gallons
- Broad range of operating speed allows optimal impeller selection in tall vessels
- Rigid design supports long, cantilevered shafts without sacrificing performance

High Efficiency, High Output, High Value

Featuring a 98% efficient parallel shaft helical gear reducer, Cleveland Mixer's APD series mixers are based upon a rigid, single piece, cast iron gear reducer housing with a bearing isolation system for increased impeller shaft holding strength, reduced operating vibration and increased system durability.

All selections are based on AGMA III, continuous duty, severe shock loading conditions, offering generous service factors for extended mixer life.

With a torque capacity starting at 400 inch pounds and extending to 175,000 inch pounds, the APD series consists of nine different models each offering excellent power density and overall value to OEM and end users of low speed, high torque industrial agitators.

The APD mixer series is available with high efficiency hydrofoil impellers, modified, high efficiency axial flow impellers, gas dispersion impellers and up-flow impellers. Each design is optimized for the most important application of all – yours.



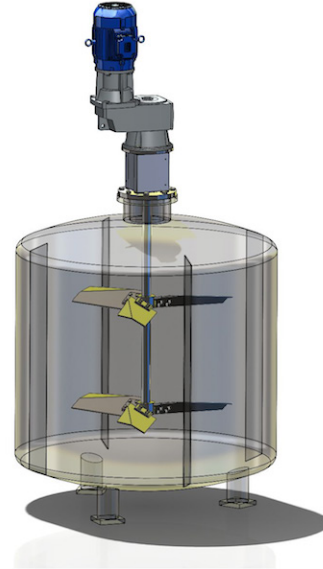
“Fluid Handling Specialists”

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Drywell Construction

Effective drywell and spread output bearing design prevents oil leakage into process media.

Durable Construction

Near Silent Operation from high efficiency, drywell equipped double or triple reduction helical gear reducer. Single piece, cast iron construction eliminates potential leak paths. Oversized bearings over superior support for long, cantilevered impeller shafts.

Easy to Use

Wash down duty rated c-face motors and gear reducer. Unique low speed shaft coupling offering superior rigidity and installation ease.

Our Guarantee

As with all Cleveland Mixers, you receive superior application engineering. The mixer you receive meets your process goals with industry leading durability and competitive cost. We guarantee it.