



*Always the Right Solution™*

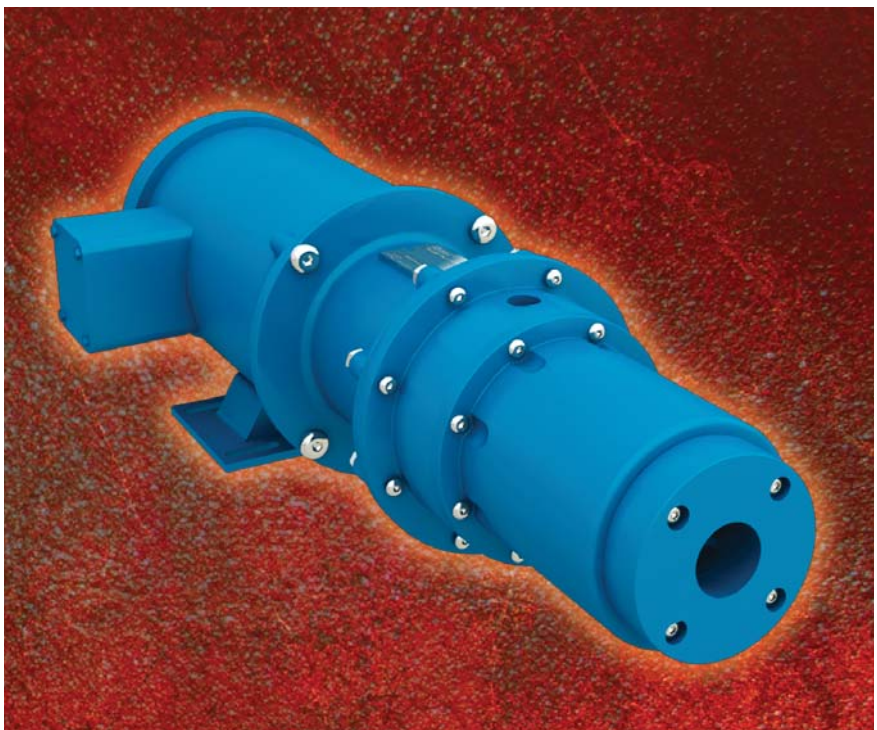
## Moyno® Mag Drive 500 Pumps

### Sealless Moyno Mag Drive 500 Pumps Protect the Work Place and the Environment

Moyno Mag Drive 500 Series pumps are the first progressing cavity wobble stator pumps to offer magnetic drives. The patented sealless, magnetic drive design provides zero leakage for the most critical applications. When handling toxic, aggressive, caustic or even flammable and explosive fluids, leakage cannot be tolerated. This proprietary progressing cavity mag drive pump utilizes the latest technology to ensure operator safety, eliminate work place hazard and protect the environment from contamination.

The Moyno Mag Drive 500 pump uses a magnetic coupling to establish a static seal, aligning an outer drive magnet with an inner driven magnet within a stationary containment shell. The resulting sealless design not only performs well in hazardous applications but is also effective with difficult to seal fluids.

Mechanically sealed pumps cannot stand up to the performance of the sealless Moyno Mag Drive 500 pump when it comes to secure fluid containment and cost-effective performance. On most standard pumps, mechanical seals wear



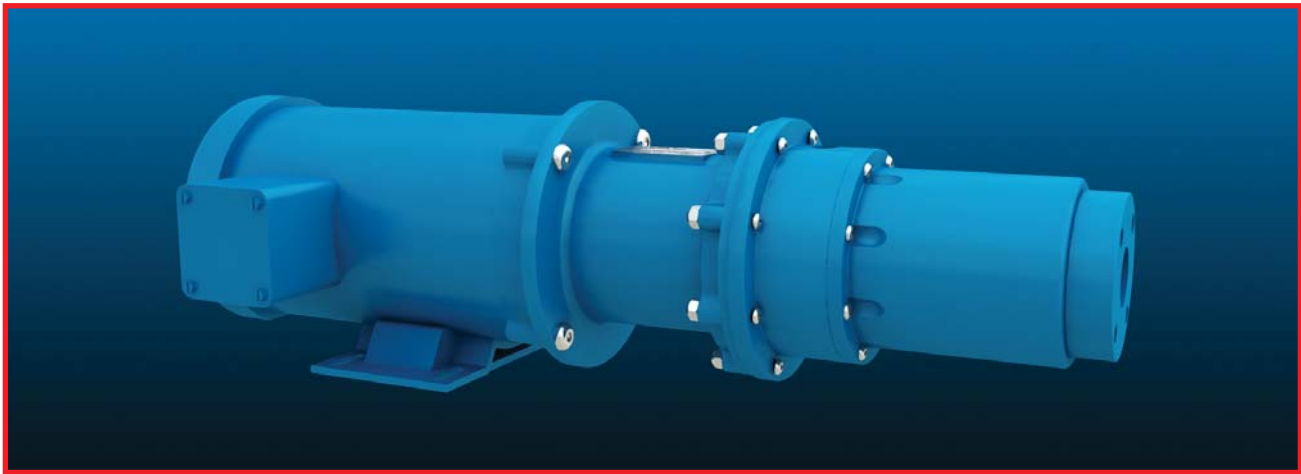
out routinely, typically requiring expensive replacement and excess downtime to install. Over time, these repair costs and periods of downtime mount up, resulting in significant operational costs. With the Moyno Mag Drive 500 pump, costly mechanical seals are eliminated and so are the associated expenses. The return on the invest-

ment for a Moyno Mag Drive 500 pump can be quickly realized.

The innovative Moyno Mag Drive 500 pumps provide reliable, cost-effective performance, eliminate the risk of work place leakage and contribute to a healthy global environment.

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## Features and Benefits

- Patented, sealless technology provides zero leakage, preserving expensive fluids, eliminating hazardous work place conditions and protecting the environment
- No mechanical seals are used, eliminating costly repairs
- Pulsation-free, low shear pumping action maintains product integrity
- No vapor locking when handling gaseous, volatile liquids
- Four models from which to choose for application versatility
- Various motor options available
- Flow rates from 0.1 to 1,050 GPH
- Materials of construction include PVC housings
- Stator materials include FPM with optional Nitrile and EPDM. Titanium rotors are standard
- Skid mounted, turnkey systems are available for one-stop, hassle-free shopping, saving time and money

- Trained technical personnel are readily available in a location near you to provide responsive service and support

## Typical Applications

Sealless Moyno Mag Drive 500 pumps are ideal for pumping:

- Sodium Hypochlorite
- Ammonia
- Hydrogen Peroxide
- Ferric Chloride
- Aluminum Chloride
- Ammonium Chloride
- Calcium Chloride
- Nickel Chloride

## Performance Overview

Model	Max GPH
MAG 331	119
MAG 332	282
MAG 333	564
MAG 344	1,050



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[www.moyno.com](http://www.moyno.com)



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