



MOYNO

Always the Right Solution™

Moyno® Progressing Cavity Pumps



**ROBBINS
MYERS**

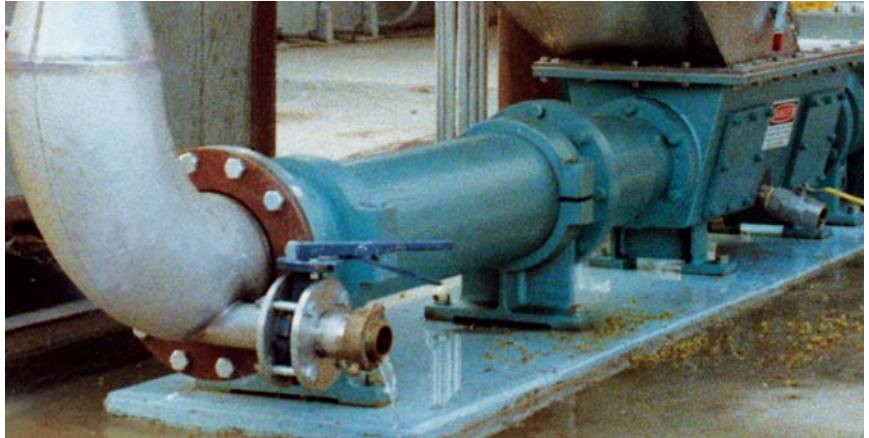
Fluid Management Group

Moyno® Progressing Cavity Pumps

Put Them To Work For You

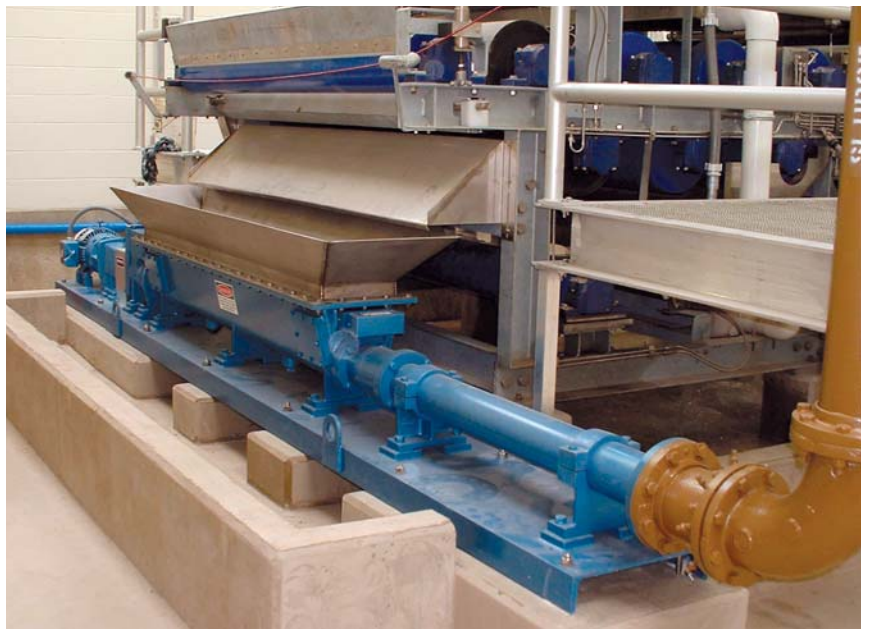
For 75 years, Moyno, Inc. has built progressing cavity pumps that deliver superior performance and long life. Moyno pumps provide operating efficiency, dependability and versatility in handling a wide range of applications. For handling clean, clear liquids and shear-sensitive fluids as well as viscous, corrosive, abrasive, solids-laden slurries and sludges, choose Moyno pumps.

- Low total cost of ownership
- Positive displacement
- Accurate, repeatable, non-pulsating flow
- Low-shearing action
- Steady flow at low flow conditions
- Pressure independent of pump speed
- Low NPSH requirement
- Self-priming
- High suction lift to 28 feet
- Minimum wear with abrasive fluids
- Viscosities over 1,000,000 cps
- Fluid temperatures to 350°F
- Handle entrained solids to 2.8" in diameter
- Cannot vapor lock
- Reversible flow models available
- Flows from .5 to 2,500 gpm
- Pressures to 2,100 psi



You'll find that Moyno pumps offer distinct advantages:

- No pistons, valves, diaphragms or timing gears to wear out or gum up
- High pressure capability
- Quiet operation
- Require no special reassembly tolerance measurements or shaft adjustments
- High volumetric and mechanical efficiency
- Many options readily available ... shaft sleeve, fiber deflector, solid drive shaft, control systems, heat jackets



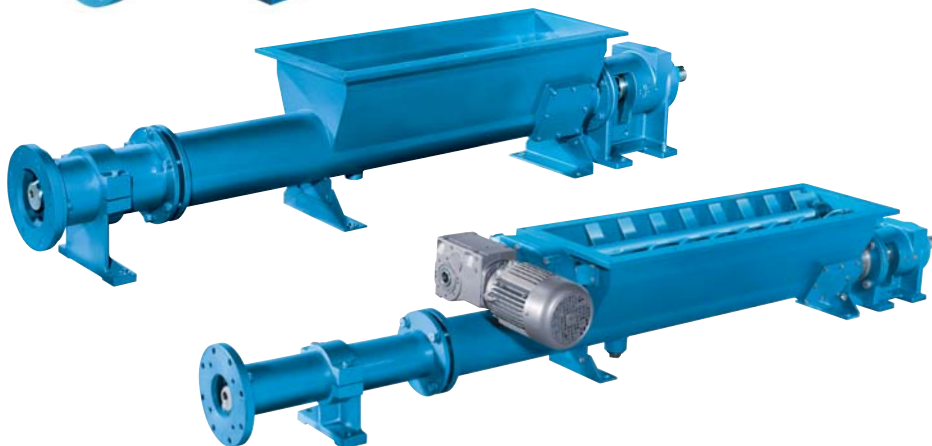
Moyno® 2000 G1 Pump

- Rugged crowned gear universal joint drive assembly provides long service life
- Wide range of rotor materials and coatings such as ceramic and tungsten carbide
- Stator elastomers to match your application



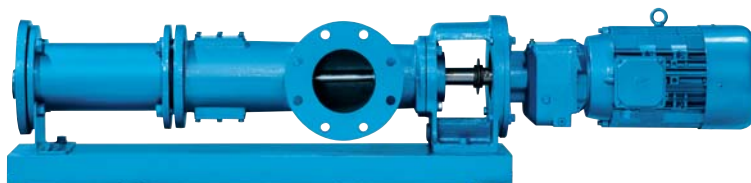
Moyno® 2000 G2, G3 and G4 Pumps

- Wide open throats in varying length to match feed areas from centrifuges and 1-, 1.5- and 2-meter length belt filter presses
- Single auger feed mechanism provides increased fill efficiency
- Independently driven bridge breaker for flexibility



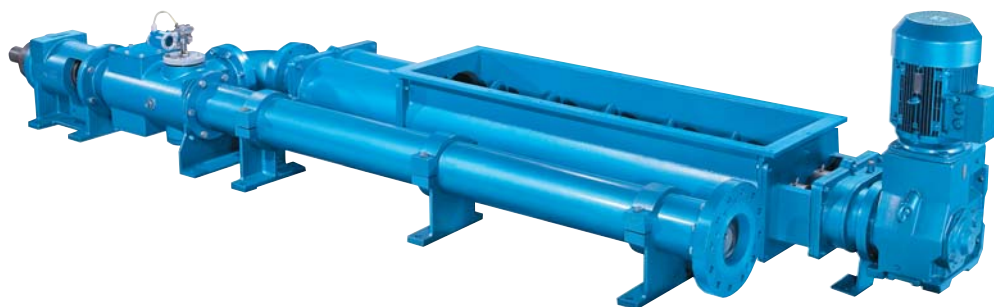
Moyno® 2000 CC Pump

- Close-coupled design saves floor space
- Utilizes Ultra-Drive® gear-joint technology for superior performance
- Ultra-Pro® rotor geometry for larger solids handling capability



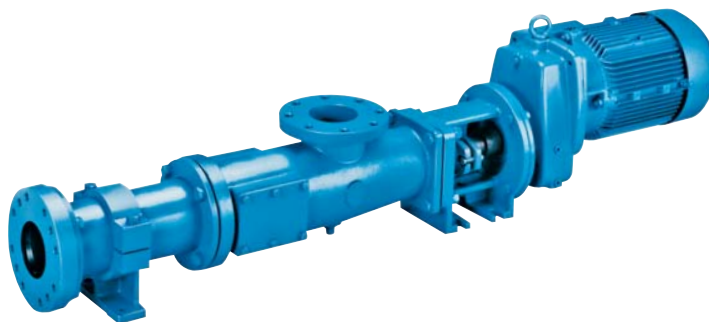
Moyno® 2000 HS System

- Handles municipal sludge from 15% to over 50% solids and other non-flowable products
- Twin screw feeder generates positive stuffing pressure to pump inlet
- Dual augers counter rotate to create pull-down effect with product
- Patented auger feed on rotor head
- Wide sweep pump inlet lowers friction loss



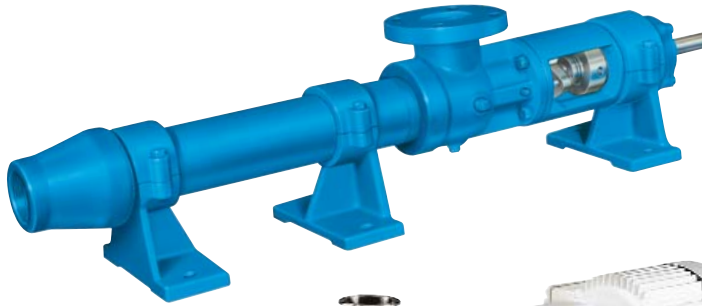
Moyno® 1000 Pump

- Sealed and lubricated pin-type universal joint for extended service life
- Versatile positive displacement pump alternative offering performance advantages over other types of pumps



Moyno® L-Frame Pump

- Rugged pin-type universal joint drive assembly for simple, easy maintenance
- This classic performer offers application versatility, modular construction and a wide selection of materials of construction



Moyno® Sanitary Pump

- Mechanical seals standard
- Standard models meet 3A sanitary requirements
- Close-coupled and open throat models; clean-in-place option



Moyno® Metering Pump

- Pulsationless, repeatable flow rates for accurate flow control
- Economical, efficient performance for metering liquids under low flow conditions



Moyno® 500 Pump

- Compact and lightweight general utility pump
- Motorized and non-motorized models ideal for OEM applications



Moyno® 500 Mag Drive Pump

- Magnetic coupling eliminates the shaft through seal design for zero leakage
- No mechanical seals
- AC & DC motor options available



Moyno® Winery Pump

- Gentle low shear pumping action to ensure product integrity
- Built-in auger feed eliminates the need for a separate feed mechanism
- Wide range of control options
- Designed to handle multiple tasks including transfer, bottling, stem/seed removal and racking
- Open throat hopper configuration can be matched to existing system



Moyno® Progressing Cavity Pumps

Application Versatility To Meet Your Needs

Pulp and Paper

- Medium consistency pulp
- Chemical metering
- Mill wastewater
- Coatings
- Coating color
- Starch
- High pressure shower
- Latex

Miscellaneous

- Dye slurry
- Adhesives and mastics
- Reclaimed rubber
- Tobacco slurry
- Grout
- Coal slurry
- Dyestuffs

Pharmaceutical

- Pill pastes
- Syrups
- Hand lotion
- Cosmetics
- Toothpaste
- Shampoo

Water and Wastewater Treatment

- Chemical dosing
- Aerobic digested sludge
- Primary sludge
- Activated sludge
- Scum
- Thickener underflow
- Filter press feed
- Filter cake
- Dewatering
- Sampling

Chemical

- Calcium carbonate slurry
- Neoprene-latex compound
- Photographic emulsions
- Polyester blend
- Spent filter resin
- Polymer metering
- Titanium dioxide
- Phenolic resins
- Paints
- Inks

Food

- Meat products
- Canned fruit and vegetables
- Bakery products
- Fats and oils
- Beverages
- Grain mill products
- Chocolate
- Cookie dough
- Taffy

Oil & Gas

- Crude oil and water
- Drilling mud
- Offshore oil platform transfer
- Polymer flooding
- Multiphase flow



Moyno® Progressing Cavity Pumps

Parts and Services

Certified Service Facilities... Sustaining Standards of Excellence

When you purchase genuine Moyno replacement parts and service from one of our Certified Service Facilities, you can be confident that you are receiving the highest quality service and parts available for your Moyno pump. Certified distributors meet stringent capabilities standards in the areas of repair, service, inventory and physical facility layout. They must also successfully complete our Product Services Training Program. Only then are they designated a Certified Service Facility.

Moyno distributors offer you:

- Maintenance cost reduction ideas
- Preventative maintenance programs and service contracts
- Extensive local inventory of genuine Moyno replacement parts
- On-site maintenance seminars
- Troubleshooting assistance
- Warrantied repairs
- 24-hour service and support
- Convenience



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www.moyno.com

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