

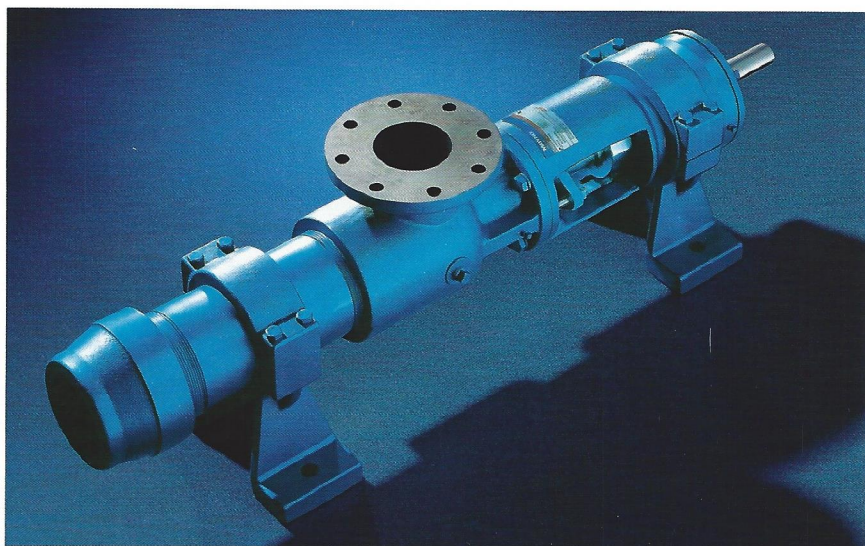
## Moyno® L-Frame Pumps

### Proven Performer That Withstands the Test of Time

Moyno L-Frame pumps have stood the test of time for over 65 years meeting thousands of application challenges. Performance-enhancing and cost-saving features provide outstanding benefits that maximize operating efficiency, and save time and money.

#### Features and Benefits

- Cost-effective open pin joint design
- Low total cost of ownership
- Non-pulsating metered flow for accurate process control
- Long life even handling abrasive fluids
- Vibration-free for quiet operation
- Compression fit between rotor and stator for high volumetric and mechanical efficiency
- Easy, on-site maintenance
- Fluid temperature range to 350°F
- Steady flow under wide NPSH variations
- Handle solids up to 1" in diameter
- Reversible rotation
- High suction lift to 28 feet
- No pistons, valves or timing gears to wear out or gum up
- Self-priming to prevent vapor or air lock
- Low shear pumping
- Viscosities over 1,000,000 cps



#### Typical Applications

- Water & wastewater treatment
  - Chemical feed
  - Sampling
  - Lime slurries
  - Polymer transfer
- Pulp & paper
  - Paper
  - Starch
  - Clays
- Chemical
  - Pastes and gels
  - Paint
  - Soaps and detergents
- Food
  - Ground meat emulsions
  - Fats and lard
  - Chunked fruits and fruit slurries
  - Grain mash and spent grains

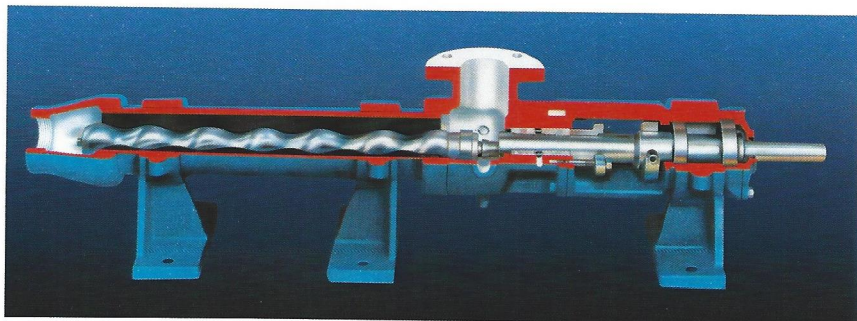
- Petroleum
  - Crude oil
  - Polymers
- Building materials
  - Mortar
  - Grout
  - Asphalt
  - Coatings
  - Lubricants
- Coal industry
  - Drilling muds
  - Coal/water and coal/oil slurries
  - Burner feed
- General
  - Oil/water separations
  - Mastics
  - High pressure water



## Pumping Versatility

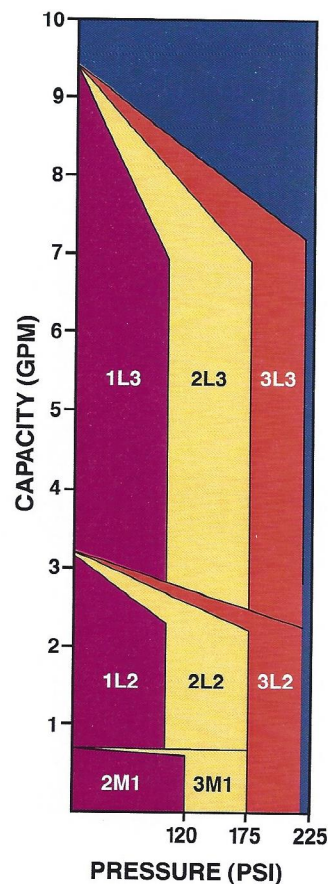
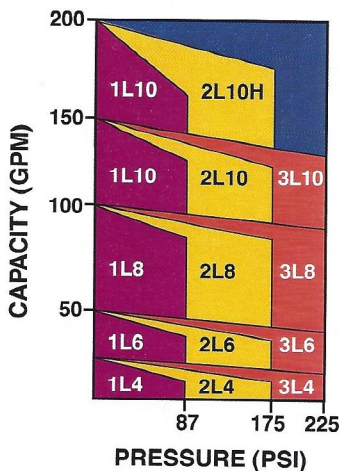
Moyno L-Frame pumps are available with a wide variety of drive options, packings, motor and controls to meet your exact application needs.

- Capacities to 200 gpm
- Pressures to 225 psi
- Simple pin-type universal joint drive assembly for easy maintenance
- Modular design
- Wide selection of materials of construction



## Options

- Variety of drives and mounting configurations
- Mechanical seals or packing
- Electronic pump controls
  - Open and closed loop systems
  - Variable speed control
  - Metering and batching control
  - Fluid detection control
- Tachometers, gauges and other accessories



Materials of Construction		
	Standard Materials	Special Materials†
<b>Pump Body</b>	Cast Iron 316 Stainless Steel	Carpenter 20 Hastelloy*, Monel***
<b>Internals, Including Rotor</b>	Alloy Steel 316 Stainless Steel	Carpenter 20 Hastelloy*, Monel***
<b>Stators</b>	EPDM (to 260°F) Fluoroelastomer (to 350°F) Nitrile (to 210°F) Natural Rubber (to 185°F)	Viton**, Thiokol**** Hypalon**, Teflon** White Nitrile, Urethane Alloy Steel, 416 Stainless Steel

\*Hastelloy is a trademark of Cabot Corp.

\*\*Hypalon, Teflon and Viton are trademarks of E.I. DuPont de Nemours and Company.

\*\*\*Monel is a trademark of Inco Alloy International®.

\*\*\*\*Thiokol is a trademark of Thiokol Chemical Corp.

†Other materials and special configurations available upon request.