

# ARO® Piston Pumps

ARO piston pumps provide industry proven dependability, economy and precision control for the delivery of a wide range of flowable materials. Whether you are moving a small amount of low viscosity fluid a few feet or a large amount of high viscosity material a longer distance, ARO has a pump to meet your application needs.

## Simply reliable air motor

Most ARO piston pumps feature 6" working stroke. Compared to the shorter strokes of other brands, the ARO air motor will cycle less frequently to deliver the same quantity of fluid and ultimately prolong motor life.

ARO air motors have far fewer parts than competitive models. Backed by a 5-year warranty, our air motors perform reliably in any application.

## Superior performance with abrasive fluids

- Plunger rods and cylinder tubes feature the exclusive ARO ceramic ultra-coating, extending service life up to twice as long.
- Chrome-plated stainless steel plungers for superior resistance to rust and corrosion.
- Eight packing options are available, including ultra-high molecular weight polyethylene (UHMW-PE), for even better material compatibility and maximum abrasion resistance.

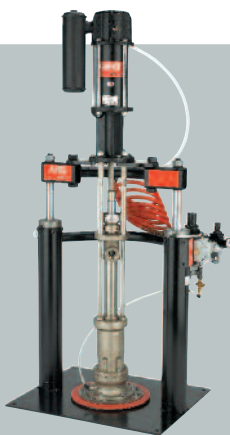


**5**  
YEAR  
WARRANTY

## ARO® Application Package: The right package for your application

Most applications require more than just a pump. ARO offers a wide range of transfer, extrusion, and finishing packages that not only enhance your productivity, but also simplify the ordering process. We provide you with the right configuration of air motor, piston pump, mount, follower, controls, and downstream accessories.

FINISHING, COATINGS,  
SEALANTS, INKS & ADHESIVES



### Two-post Ram Packages

Features a two-post ram, pump, follower plate and controls designed for high viscosity applications.



### Single-post Ram Packages

Single-post ram with pump, follower plate, and controls for medium to heavy viscosity extrusion.



### Airless Spray Pump Packages

Popular in airless spray applications, these packages are delivered with air control, material filter, and suction hose.



### Cart-mounted Pump Packages

When portability is required for light- to medium-viscosity (less than 50K cPs) extrusion.



### Agitator Lift Packages

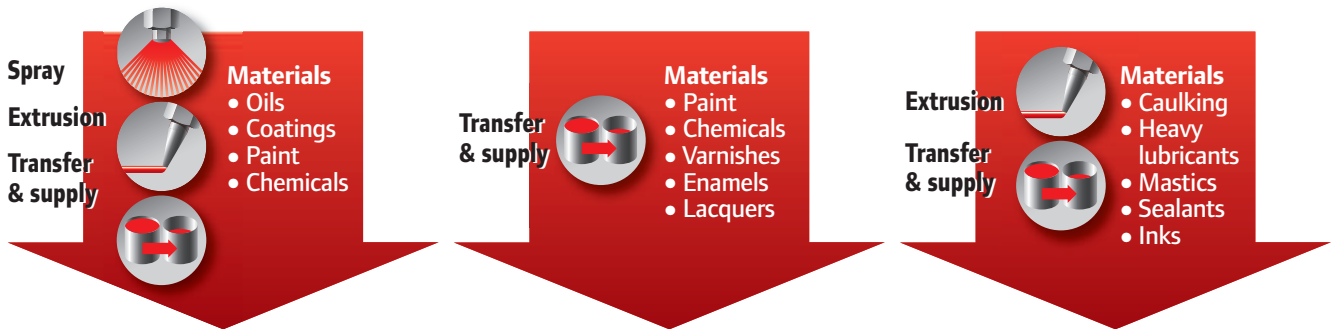

Ideal for finishing and adhesive applications where you need to keep fluid mixed.

# ARO® Piston Pump Types and Applications

**Transfer:** Involves moving a low-to-medium viscosity fluid. 2-ball and 4-ball pumps are most frequently used in transfer applications.


**Extrusion:** Involves using a Piston Pump to apply medium-to-high viscosity materials. Typical extrusion applications require accessories like rams and fluid regulators. Chop-Check and 2-ball pumps are used in extrusion applications.

**Coating Application:** Involves application of a material by either spray or dipping. Coating applications use 2-ball and 4-ball pumps.


**2-ball Pumps**

The most versatile pumps in the ARO line. They are capable of handling applications from simple transfer to the extrusion of low to medium viscosity materials up to 100,000 centipoise (cPs) with fluid delivery up to 68.6 l/min.



**4-ball Pumps**

Designed to transfer high volumes of low and medium viscosity fluids up to 12,500 cPs with fluid delivery up to 124 l/min. A common use involves circulating fluid from the original container, to the point of use, and then back.



**Chop-check Pumps**

The heavy-hitters of the line, ARO chop-check pumps are designed to move medium to high viscosity fluids ranging from 15,000 to more than 1,000,000 cPs, and at delivery rates up to 46.3 l/min.


**LUBRICATION**



**Lubrication Packages**

The ARO line of lubrication pumps for the transfer and supply of oil and grease – Fitted with drum cover, or with bung adaptor to thread into the container.

**BULK MATERIAL TRANSFER / CIRCULATION**




**Floor Mount Packages**

Ideal for fluid transfer from tanks and piping systems.

**Wall Mount Packages**

The compact design of our piston pumps make them ideal for mounting on walls or appropriate structures.

**HIGH PRESSURE CLEANING**



**Wash Pump Packages**

When it is time to clean up, our wash pump is a great high-power cleaning solution.