



**Avflex**  
GLOBAL TECHNOLOGY – LOCAL SERVICE

# POWERWISE INK PUMPS

**NEW**



## Centrifugal Ink Pumps

Each 5 gallon/20 liter centrifugal pump comes complete with a full flow by-pass system and stainless steel components throughout. Two designs of pump ends are available: nylon coating and trifugal design depending on your preference.



## Peristaltic Ink Pumps

Peristaltic pumps are designed to handle more viscous inks, adhesives and coatings, and are ideal for sheer sensitive liquids. Downtime is kept to a minimum by simply changing the hose in the Delrin pump head. Peristaltic pumps are supplied with the following specifications: air gear motors (intrinsically explosion proof), non-explosion proof inverter drive models and electric explosion proof mechanical gear units. All models can be supplied with reversible feature to drain ink stations and enclosed doctor blades. Variable speed allows controlled ink flow.



## Double Diaphragm Pumps

Suitable for a wide variety of inks, varnishes, coatings, adhesives and laminates. Available in 1/4", 3/8", 1/2", and 1" sizes, these pumps feature variable flow rate and run dry without damage. Double Diaphragm Pumps are self priming, safe for hazardous areas and will not stall at slow speeds.



## Mixers

Keep your ink agitated with Powerwise mixers available for whatever size container you require.

**Drum Mixer Model 7005** is trouble free and provides long life for many printing and ink room applications. You can use your Powerwise drum mixers if you have an ink room with or without an automated system. **Model 7003** is powered by a variable speed 0.25 hp (0.18 Kw) Air motor. Use this mixer where additional agitation is needed when using peristaltic or diaphragm pumps.

**Electric models** are also available.



## Filters

Keep your ink clear from unwanted debris with our in-line and return line filters and strainers. Powerwise offers a variety of filtration units. The most popular is the 1099 nylon coated in-line filter. The filter has a recleanable stainless steel basket sold in a variety of mesh sizes. The flow pattern is in from the bottom and out through the side; the convoluted mesh allows a greater surface area for filtration.



## Accessories

Powerwise provides a range of accessories including grounding straps, quick disconnects, filter regulator lubricators; pump repairs & spares for all manufacturers; hose fittings for centrifugal pump setup and special peristaltic tube types.

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