

## Product Overview



# Packaging Equipment Guide

**PAC Machinery**  
More experience. Better choices.

## Packaging Terms

### Automatic Bagging

This versatile approach provides a fast, easy method for bagging products of various sizes and shapes. It is a great choice for packaging a wide range of products, from food to industrial parts. Bags are automatically opened, filled and sealed using pre-opened bags on a roll or poly tubing.

### Bag Sealing

Bag Sealing is used when products need to be enclosed in a protective bag to keep out air, liquid or other contaminants. For soft, bulky items, bags may be compressed after product insertion to reduce storage space and help minimize shipping costs.

### Vacuum and Gas Purge Packaging

Vacuum and gas purge packaging is used to drive oxygen out of a package to extend the life of product. Oxygen can be replaced with an appropriate gas to further extend shelf life. In addition to protecting food products, vacuum packaging can protect against product damage from shifting and corrosion—an important consideration for sensitive electronic devices, semiconductors and precious metals.

### Shrink Wrapping

Shrink wrapping is an extremely versatile process whereby a protective film is wrapped around a product, the edges are sealed, and the wrapped package is heated to shrink the film. The result is a neat, tightly wrapped, attractive package.

### Flow Wrapping

Flow Wrappers rapidly package products by performing two tasks in one fluid and continuous operation—forming a bag around the product, and sealing it to produce a steady stream of air tight finished packages. Perfect for a wide variety of products from ice cream bars to industrial components.

### Sleeve Wrapping

Similar to shrink wrapping, sleeve wrapping creates a band of film around a package of products, which shrinks tightly in a heated tunnel. Unlike shrink wrapping, the finished package has open ends. Also called bundlers, these machines are used for wrapping a wide range of products, from trays to cartons or bottles.

## Rollbag Bagging Systems

Rollbag systems are built for ease-of-use, reliability and speed; and they can be integrated with printing devices and automatic feeding systems. Rollbag automatic baggers are engineered to use poly tubing in addition to bags on a roll.



Rollbag R3200XL Automatic Poly Bagger

Choose from manually fed Rollbag models to fully automatic Rollbag bagging systems. Each can be equipped with a variety of options to match your unique bagging requirements.



Rollbag R1275

Rollbag pre-opened bags on a roll can make packaging significantly faster. These perforated bags are available with a variety of features, including custom printing, headers, hang holes, tear notches and more.



**Rollbag Systems**

a PAC Machinery company

## Clamco Automatic Shrink Wrap Systems

Clamco automatic, high-speed, shrink packaging machines are built for top performance. Clamco side seal and L-bar sealers are as dependable as they are easy to operate.



6800CS Side Sealer

## Clamco L-Bar Sealers, Shrink Tunnels, & Combos

Clamco manufactures a variety of L-Bar Sealers, Tunnels, Combos and One Step shrink units. Pair an L-Bar Sealer with a Clamco shrink tunnel for a complete shrink solution, or choose a Combo system which include a sturdy L-bar sealer and powerful shrink tunnel. Dempack One Step units incorporate seal, trim and shrink into a single operation.



Clamco 4T Tunnel

Clamco 4L L-Bar Sealer

## Clamco Sleeve Wrapper Bundler

Designed for superior performance, the Clamco Sleeve Wrapper line ranges from semi-automatic to fully automatic and includes an integrated shrink tunnel. Clamco Sleeve Wrappers can be used for wrapping trays, cartons or bottles and are well-suited for bundling applications, perfect for storage, transport and display.



7002ASW Sleeve Wrapper

**We were able to both boost production and reduce cost. The band sealer payed for itself in about three months... Absolutely incredible.**

**Mike Hoftman**

*President  
Advanced Medical  
Innovations, Inc.*

**Northridge, CA**



### Packaging Aids Horizontal Flow Wrappers

Packaging Aids Flow Wrappers are ideal for suppliers of products that must be packaged individually with high quality film. Several sized units are available offering packaging speeds up to 60–250 packages/minute. The preferred choice for everyone from small start-ups to large companies with higher speed wrapping requirements.



FW 400F Horizontal Flow Wrapper

### Specialty Custom Sealers

Packaging Aids, Vertrod and Clamco packaging equipment can be customized for specific applications, including medical validation. Designs include special options and features, such as our Explosion-Proof sealer for hazardous areas. Please contact our packaging specialists for the latest custom packaging solutions.



PVG XP Explosion Proof Vacuum Sealer

### Validatable Medical Packaging

Medical devices require special packaging procedures. Validatable medical packaging calls for a strict set of repeatable packaging parameters, which are measured and recorded on a regular basis. Validatable medical packaging equipment features special control systems to monitor temperature, time and seal pressure. Alarm systems prevent sealing if any parameter drifts out of the predetermined range. Output ports on the packaging equipment are used for the validation process. Our sealers comply with the stringent guidelines of ISO 11607 packaging for terminally sterilized medical devices.

### Medical Validatable Packaging Equipment

Nearly all sealing equipment from PAC Machinery can be configured for medical sealing validation. Choose medical versions of Rollbag Baggers, Bag Sealers, Band Sealers, Impulse Sealers, Vacuum Sealers, and Vacuum Chambers. Medical packaging equipment includes seal validation, monitoring of temperature, time and seal pressure with alarm systems. Sealers can be used with most medically approved packaging materials.



552 Med Validatable Medical Band Sealer

## Vertrod Impulse Sealers

Vertrod manufactures exceptional quality, heavy-duty thermal impulse heat sealers. Vertrod offers bar sealers, bag sealers, and drop sealers, as well as compression sealers for applications that require the removal of air prior to sealing. Highly customized Vertrod sealers produce uniform, hermetic seals in a range of thermoplastic films, laminates, synthetics, and foams.



Vertrod PS Impulse Sealer

## Vertrod Medical Validatable Sealers

Vertrod's validatable medical sealers are built to the same durable standards as all Vertrod thermal impulse sealers. These sealers feature real-time monitoring of all sealing parameters and an alarm feature to prevent operator error. Output ports allow for calibration and verification of all controls.



Vertrod PS Med Impulse Sealer

## Why do so many packaging professionals use PAC Machinery packaging solutions?

PAC Machinery delivers an excellent combination of price, versatility and customer support. With a comprehensive line of durable packaging systems, we offer the packaging solution you require and deliver the value you seek.

From tabletop sealers to high-speed automatic systems, PAC Machinery manufactures a wide range of solutions. Our broad product offering enables us to combine the right mix of features and options to suit any customer's unique packaging requirements.

Responsive to whatever an application might entail; flexible packaging solutions from PAC Machinery are the proven choice for when the seal must never fail. With repeatable, validatable sealing, we meet or exceed the most stringent regulatory and industrial requirements. The PAC Machinery family of companies delivers a broader selection of bags and material sealing solutions than any other single company in the industry. For over five decades, companies of every size have turned to PAC Machinery for dependable heat sealing solutions that protect the quality of their products.



## Packaging Aids Bag Sealers

Customers depend on time-tested, bag and pouch sealing machines from Packaging Aids. Our engineers can configure highly customized solutions to satisfy the most unusual or complex customer requirements.



PAC PI Impulse Bag Sealer

## Packaging Aids Nozzle Vacuum Sealers

Packaging Aids manufactures one of the most extensive lines of industrial vacuum packaging machines in the industry. Packaging Aids specializes in industrial nozzle vacuum sealers that are designed to meet the needs of the most demanding industries.



PVT Tabletop Industrial Vacuum Sealer



PVG Industrial Vacuum Sealer

## Clamco Bag Sealers

Clamco manufactures an extensive line of bag sealers designed for a wide variety of applications. The easy-to-use bag sealers can increase both speed and productivity. Sealers are available in portable units, tabletop units or a complete bag sealing system to open and fill bags with options for bag compression prior to sealing.



Titan Drop Sealer Fill & Seal System

## Packaging Aids Chamber Vacuum Sealers

Packaging Aids also manufactures a full line of industrial chamber vacuum sealers, ranging in size from tabletop models to larger high production vacuum packing machines. Our experienced packaging engineers can custom design and manufacture vacuum sealers to meet unique packaging requirements.



VMS Dual Chamber Vacuum Sealer



VMS 153 Chamber Vacuum Sealer

People make the difference at PAC Machinery, starting with our customer service teams. Few if any packaging equipment manufacturers offer more experience, professionalism and problem-solving skills to their customers than PAC Machinery. Our customer service and technical teams share a common vision: Deliver a distinctive contribution to our customer's value chain, and by doing so, we can help them succeed. PAC Machinery succeeds by developing beneficial working relationships with our channel partners and by performing every aspect of our work with exceptional skill, efficiency and pride.

 **Packaging Aids**

 **Vertrod**

 **Clamco**

 **Rollbag Systems**

Product Matrix				
Rollbag Baggers			■	■
Pre-Opened Bags On A Roll				■
Shrink Wrap Systems			■	
Bag Sealers	■	■	■	
Vacuum Sealers	■			
Validatable Medical Sealers	■	■	■	
Compression Sealers	■	■		
Explosion Proof Sealers	■	■		
Custom Sealing Systems	■	■		
Flow Wrappers	■			

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