

# Shrink Wrap Packaging



# Versatile Shrink Wrap Solutions

# Shrink Packaging Basics

Shrink packaging encapsulates a product within a tightly adhering layer of film. The process may be accomplished by hand, or by using automatic or semi-automatic packaging equipment. Creating a strong seal in the film is the first step. To achieve this, a hot knife or hot wire is pressed against the film to weld the seal together. The seal process has three variables: time, temperature, and pressure. Each may be adjusted to suit different film types.

Once sealed in a film envelope, the package is passed through a heated shrink tunnel. When heated, the film softens and expands, and as the film cools it shrinks tight. The package exits the tunnel wrapped in a taught, secure, attractive film.

There are several films from which you may choose. Polyolefin is the most used film to produce crystal clear retail type packaging and to act as a tamper evident package. Polyethylene is often used for bulk packaging acting as a protective cover of products. PVC films are used to shrink irregular shaped products in addition to shrink sleeves for tamper evident packaging.



## Clamco 6800CS Side Sealer

Intermittent motion, automatic side seal shrink wrapper that offers exceptional return on investment.



## Clamco 6700GLX Automatic L-Bar Sealer

Outstanding speed, throughput and performance. Sealer allows for fast setup, alignment, and product transfer.



Specifications	6700GLX	6800CS
Speed (up to)	40 pkg/min	70 pkg/min
Seal length (lateral)	18"	19.75"
Seal length (longitudinal)	23"	unlimited
Maximum film width	23"	23.5"
Maximum product height	7.5"	7.85"

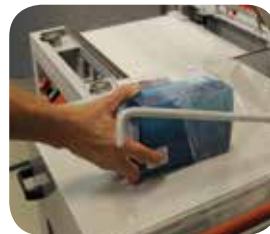


## Clamco 4C & 6C Combo Shrink Systems

Powerful, continuous-use machines deliver high speed, exceptional productivity & consistent results. Includes a 3-year limited warranty.



*Ergonomic by design, the tubular seal arm delivers dependable, long-term service.*



*Film tracking roller and film separator designed for fast, easy material loading.*

Specifications	120C	240C	Clamco 4C	Clamco 6C
Seal length (end)	16"	16"	18.5"	27.5"
Seal length (side)	20"	20"	21.8"	33"
Film width (max)	20"	20"	24"	32"
Tunnel opening width	16"	16"	15.5"	23.5"
Tunnel opening height (std./opt.)	8"	8"	8"/12"	13.5"/17.5"
Tunnel inside height (std./opt.)	8"	8"	10"/14"	15.5"/19.5"
Tunnel inside length	20"	20"	26.5"	34"
Tunnel power (watt)	2,100	4,000	6,000	9,000
Power take-away conveyor	Optional	Standard	Standard	Standard
Height adjustable tunnel	No	No	Yes	Yes
Single-plane product path	No	No	Yes	Yes
Auto-closing seal arm	NA	NA	Optional	Optional
Warranty	2 years	2 years	3 years	3 years
Sealing system	Compensator		Thermocouple	

## Clamco 120C/220C Combo Shrink Wrapper

L-bar sealer with a shrink tunnel for sealing and shrinking in a single, robust, compact unit.



**Our Clamco model 6800CS enabled us to nearly double our production capacity. And the finished packages looked great.**

**Eric Tsai**  
President

Everest Packaging, Inc.



## Dempack H20 & H25 One Step Shrink Wrap

Combine seal and shrink in one versatile machine. Dempack H20 & H25 One Step Shrink Wrappers are perfect for packaging or repackaging a wide variety of products, including boxes, gift baskets, & baked goods.



## Clamco 4L, 6L & 8L L-Bar Sealers

Powerful sealers that can be used with a wide range of films. Designed for greater productivity and consistent, strong seals. Includes 3-year limited warranty.



Specifications	Dempack H20	Dempack H25
Seal length (end)	12"	17"
Seal length (side)	17"	22"
Film width (max)	20"	24"
Product height (max)	8.25"	10.25"

Specifications	4L	6L	8L
Seal length (end)	18.5"	27.5"	39"
Seal length (side)	21.8"	33"	50" 64" 87"
Maximum film width	21.5"	32"	41"



## Clamco 4T, 6T & 8T Heavy Duty Shrink Tunnels

Clamco Shrink Tunnels are heavy-duty units built for 24/7 usage. These shrink tunnels feature adjustable air flow, and a specially-engineered design to minimize temperature fluctuation. Includes 3-year limited warranty.



Specifications	4T	6T	4Tx2	6Tx2	8Tx2	8Tx3
Tunnel opening width	15.5"	23.5"	15.5"	23.5"	43"	43"
Tunnel opening height (std./opt.)	9"/13"	13.5"/17.5"	9"/13"	13.5"/17.5"	13.5"/17.5"	13.5"/17.5"
Tunnel inside height (std./opt.)	11"/15"	15.5"/19.5"	11"/15"	15.5"/19.5"	15"/19.5"	15"/19.5"
Tunnel inside length	26"	34"	50"	66"	66"	99"
Tunnel power (Watts)	6,000	9,000	12,000	18,000	24,000	36,000

## Tabletop Sealers and Shrink Tunnels

Our family of Clamco tabletop sealers and shrink tunnels are the perfect solution for dependable, long-life performance. Designed for smaller production demands, these products are constructed of heavy-gauge materials and combine advanced engineering with rugged, time-proven features. Each is expertly crafted by Clamco, the industry's respected name for reliability and value.



Clamco 820 shrink tunnel



Clamco Combo Junior shrink wrap system

## Why do so many packaging professionals choose Clamco shrink packaging solutions?

Clamco shrink packaging solutions deliver an excellent combination of price, versatility and customer support. With a comprehensive line of durable shrink wrap systems, we offer the packaging solution you require and deliver the value you seek.

From tabletop sealers to high-speed automatic systems, Clamco 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 shrink packaging requirements.

Known for exceptional quality, Clamco has been manufacturing dependable packaging equipment in the USA for decades.

Using the Clamco 4C we were able to regain control of our packaging process, with much better results.

**Jon Baird**

*International Buyer & Packaging Engineer*

**Edelbrock, LLC**





## Automatic Shrink Systems

With ever-increasing production demands, Clamco meets the need with a family of automatic, high-speed, shrink packaging machines. Built for top performance, these side seal and L-bar sealers are as dependable as they are easy to operate.

## Combo Shrink Wrap Systems

Combo shrink wrap systems include a combination L-bar sealer and shrink tunnel. These systems feature several innovations not found on any other units in market. The result is enhanced ergonomics, ease of use and long term service.

## One Step Shrink Wrap

Dempack One Step Shrink Systems combine seal and shrink in one versatile machine. These compact systems are ideal for packaging a wide variety of products from industrial parts to baked goods.

## L-Bar Sealers

Clamco L-Bar sealers are semi-automatic production sealers with an outstanding package of standard features. Pair them with a Clamco shrink tunnel to produce tightly wrapped packages.

## Shrink Tunnels

Clamco heat shrink tunnels are built for performance, flexibility, and value. These tunnels can be paired with an automatic L-bar and side sealer for a total packaging system configuration.

## Sleeve Wrappers

Clamco 7000 Series sleeve wrappers feature integrated heat tunnels for shrink bundling. All of these sleeve wrappers produce a package with open ends. These bundlers can be used for wrapping a wide range of products, from trays to cartons to bottles.

## 7002ASW Automatic Sleeve Wrapper

This versatile automatic, sleeve wrapper-bundler can be used for wrapping a wide range of products, from trays to cartons or bottles.



### Specifications

	7002ASW	7000SW
Production capacity	up to 1,200 packs/hour	600 packs/hour
Seal bar width	30"	30"
Maximum product length	78"	55"
Maximum product height	15"	15"
Maximum product weight	65 lbs.	65 lbs.

## 7000SW Semi-Automatic Sleeve Wrapper

This semi-automatic sleeve wrapper is designed for use with 1.2–4 mil polyethylene film and is well suited for bundling applications in the food, beverage, and contract packaging industries.



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	■			
Skin Packaging Systems			■	



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