



## Contour™ 75/105 SERIES

Reap the benefits of aesthetically pleasing tray, pad, u-board, or film only wrapped products with Douglas Contour™ 75/105 Series Shrink-Wrap Systems. Versatile solutions are available as stand alone units or integrated with a tray/pad/u-board/film packer or a shrink-wrapper. These scalable solutions offer new patented and patent-pending features for gentle product handling, stable operation, quick changeovers, large size ranges, and consistently shaped bull's-eyes.



S-75



T-75

### RELIABILITY-----

### EFFICIENCY-----

### INNOVATION-----



**Maximum Versatility:** The Contour™ 75/105 Series machines are versatile solutions as stand alone units (S-, T-Series) or integrated with a tray/pad/u-board/film packer (SPS-Series).

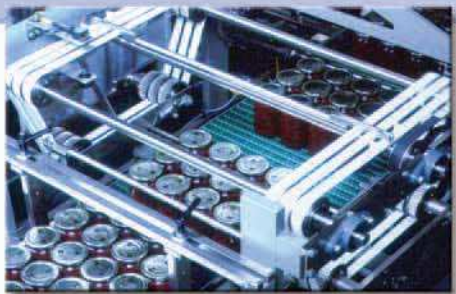
**Convenient Accessibility:** The Contour™ Series' open design provides convenient access to product, film, and machine components. The low level magazine ensures easy blank loading and a roll-out film cutter assembly is located just under the conveyor for easy maintenance.

**Innovative Functions:** Flexible infeeds provide simple, reliable performance, revolutionary patented Slipstream™ HS pinless metering gently meters bottled, cartoned, canned, and jarred products into appropriate pack patterns, and efficient blank setup maximizes speeds and the machine's large size range.

**Revolutionary Shrink-Wrapping:** A convenient side mounted film stand assures proper and productive ergonomics, the flexible servo driven wrapping wand provides increased film control and accurate film placement, and a revolutionary heat tunnel provides unprecedented heat and airflow management ensuring consistently shaped bull's-eyes and minimum graphic distortion.



Flexible infeeds easily adapt to your products.



Innovative product metering and accumulation ensures products are handled at a variety of speeds.



Ergonomic magazines for your tray, pad, or u-board blanks.

## FLEXIBLE INFEEDS:

**Smartrak® Steady Stream Infeed System:** With simple and reliable performance, the Smartrak® Steady Stream Infeed System far surpasses other product infeeds. Our patented design eliminates product bridging and removes the gaps that compromise pack pattern accuracy and continuous product flow. Distinguishing features include solid adjustment cross-members, rigid lane guides and cam style adjustment clamps for stable operation and quick changeovers.

**Recirculating Conveyor:** Ideally suited for easily damaged non-carbonated or soft bottles. Product flow is controlled and monitored reducing line pressure and product damage.

## INNOVATIVE PRODUCT METERING:

Revolutionary patented Slipstream™ HS pinless metering uses advanced technology and servo drives to gently meter bottled, cartoned, canned, and jarred products into appropriate pack patterns. Stable product handling results in speeds 50% faster than traditional metering methods. Tool-free changeovers are accomplished with simple adjustments and intuitive steps through the control panel.

## EFFICIENT MAGAZINE AND BLANK SETUP:

A servo controlled rotary motion is used, maximizing speed and the machine's large size range. The magazine is conveniently located just outside of the machine for easy maintenance and blank loading.





SPS-75

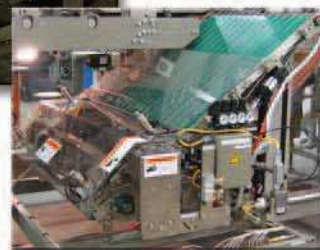
#### CONVENIENT FILM HANDLING:

Convenient side mounted film stands assure proper and productive ergonomics. The stand mounts outside the machine at the operator's waist level to ensure easy film roll loading. A modular design lets you add a second spindle when production increases and demands change. Easy access to a spare film roll and convenient film splicing provide additional benefits.

A roll-out film cutter assembly simply and effortlessly rolls out from just under the conveyor for quick and convenient maintenance.



Side film stand for easy film loading and splicing (shown with optional panel placement).



Roll-out film cutter assembly for easy maintenance.

#### FLEXIBLE SERVO DRIVEN WRAPPING WAND:

This wrapping wand uses *quick change* circular, elliptical, or trapezoid wand paths, depending on product and size range. This results in increased film control and accurate film placement. More benefits include a large size range, the ability to accept randomly spaced products, and fewer parts to maintain.



Quick change wand paths maximize size range and wrapping performance.

#### REVOLUTIONARY HEAT TUNNEL:

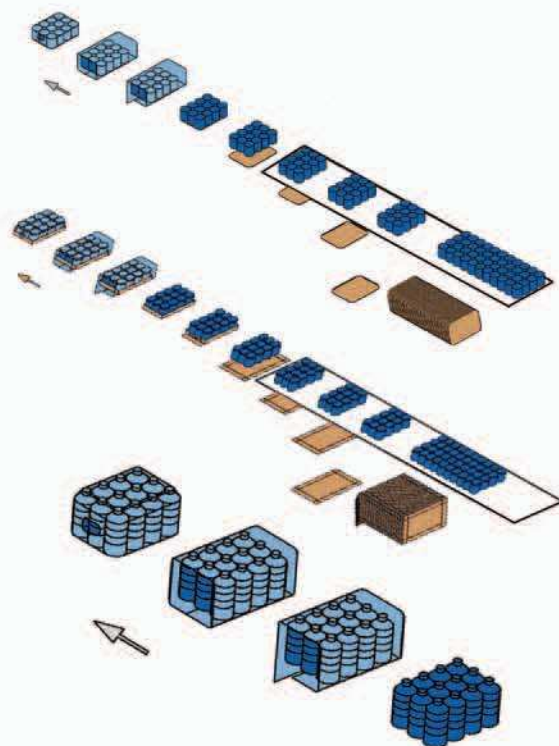
We creatively designed our patent-pending scalable heat tunnel with the aesthetics of your product and machine in mind. Whether your application calls for single or multiple lane production, unprecedented heat and airflow management ensures consistently shaped bull's-eyes and minimum graphic distortion. Enhanced heat tunnel operations significantly reduce tunnel noise and exterior heat temperatures, contributing to a quieter and cooler plant environment.



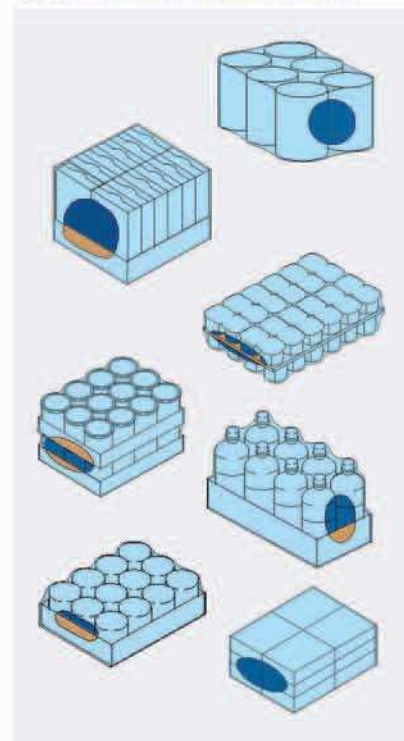
Revolutionary heat tunnel ensures excellent bull's-eyes and minimum graphic distortion.

## SPECIFICATIONS:

<b>DRIVE:</b>	Servo drive motors.		
<b>PITCH:</b>	Application dependent.		
<b>FLIGHT CHAINS:</b>	Application dependent.		
<b>SPEED:</b>	Series 75 - Up to 75 cycles per minute. Series 105 - Up to 105 cycles per minute.		
<b>PACKAGE SIZE RANGE:</b>			
	<b>Direction of Travel</b>	<b>Vertical</b>	<b>Across Machine</b>
Minimum:	5 in. (130mm)	3-1/2 in. (90 mm)	8-1/2 in. (215 mm)
Maximum:	15-3/4 in. (400mm)	12 in. (305 mm)	22 in. (560 mm)
<b>FILM LENGTH:</b>	Minimum: 18 in. (460 mm) Maximum: 42 in. (1,070 mm)		
<b>FILM THICKNESS:</b>	Printed or non-printed: 1.5 to 3 mil.		
<b>FILM WIDTH:</b>	30 in. (760 mm) standard. Model dependent.		
<b>LEGS:</b>	Threaded.		
<b>ADJUSTMENTS:</b>	Threaded screws, handwheels, handknobs with position pointers and scales. Digital scales, phase adjustments, and tool-free packages (optional).		
<b>GUARDING:</b>	Polycarbonate guarding. Other guard packages per project specification (optional).		
<b>ELECTRICAL:</b>	Allen Bradley programmable logic controller or per project specification (optional). Allen Bradley Panelview. NEMA 12 wiring and enclosures. Downstream surge control. NEMA 4 or 4X wiring and enclosures (optional). Stackable warning lights (optional).		
<b>FINISH:</b>	Gray metallic baked-on epoxy powder coat. Other colors optional. All parts in contact with product are stainless steel, anodized aluminum, and plastic. OEM parts are manufacturers' standard finish.		
<b>INSTALLATION REQUIREMENTS:</b>	Power: One drop 480 VAC, 50/60Hz, 3PH. Other power sources available. Air: Per project specification.		



Typical Pack Patterns



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