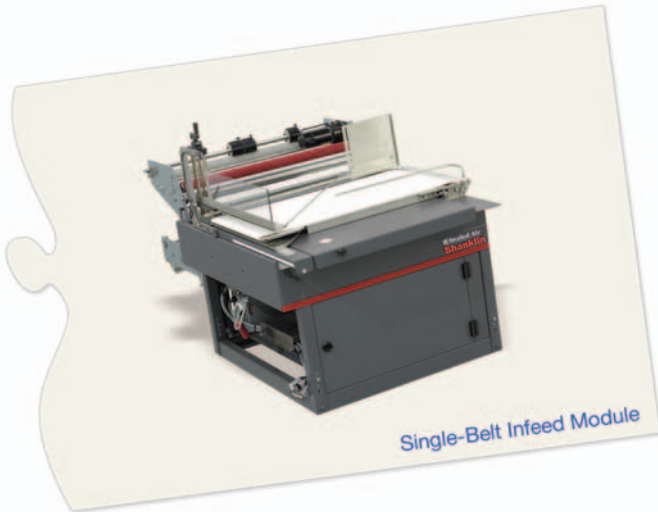
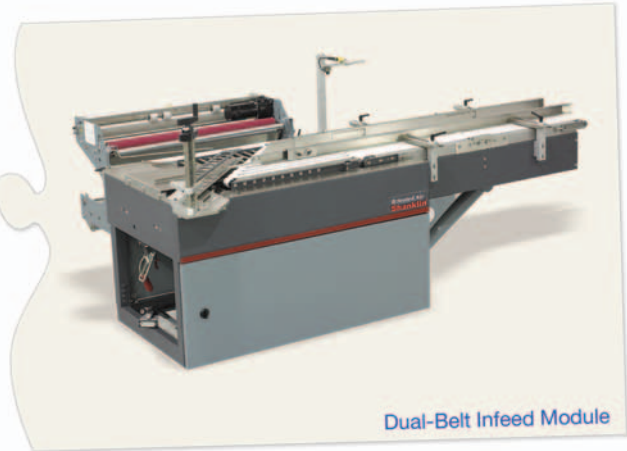


# Shanklin® Omni Form-Fill-Seal Wrapper

Improve efficiency and lower operating costs

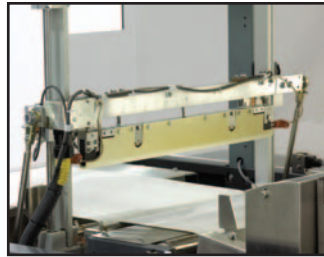


# Shanklin® Omni Form-Fill-Seal Wrappers

Designed with your needs in mind...

## Servo Motion-Control Technology - Omni S

- **Fast** – High packaging speeds
- **Programmable** – Adjustable end-seal pressure, film bunching for tall products, automatic positioning for end-seal opening, end-seal centerline, side-seal conveyor positioning and side-seal centerline



## Versatile Sealing System

- **Large capacity** – The wide and high end-seal opening allows plenty of room to package large, tall products
- **Selection** – Choose either EZ Open dual wire or hot knife side-seal assembly, and SmartWire® or hot knife end-seal assembly



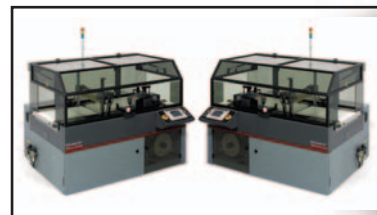
## Plug-and-Play Infeed Modules

- **Quick** – Infeed changeovers in less than 10 minutes
- **Value** – New infeeds may be purchased separately as needed, giving you long-term flexibility, value and investment protection
- **Efficient** – Simply choose the infeed module that maximizes your production efficiency



## Available in Right- or Left-Hand Configurations

- **Versatile** – Available right-to-left or left-to-right production flow configurations facilitate ease of line integration
- **Labor savings** – Allows one operator to control two machines simultaneously, maximizing labor resources



▲ OMNI WRAPPER WITH HARMONIC SIDE-BELT INFEED MODULE

## Intelligent Control Network

- **Intelligent** – Automatically identifies attached infeed module and accessories, and configures system accordingly



## Maintenance-Friendly Design

- **Easy access** – Light-weight, easy-open seal-area cover, three front-hinged access panels (wrapper, selvage, and infeed) and a rear swing-out electrical control cabinet
- **Easy maintenance** – Quick release conveyor belt rollers, and fault identification and history



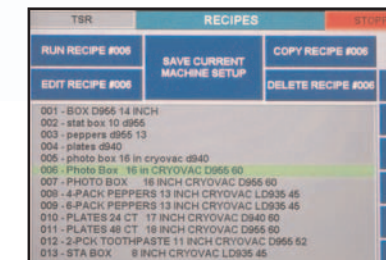
## Operator-Friendly Design

- **Effortless** – Touch screen provides easy system setup and operation
- **Multilingual** – Operator interface features English, Spanish and French
- **Smart** – Enter new package dimensions and the recipe calculator will assist with setup
- **Self-diagnostic** – Viewable fault log tracks system errors
- **Secure** – Multilevel security access



## Wrapper and Package Set-Up Storage Capability

- **Repeatable** – Store up to 100 recipes for quick, repeatable changeovers at the touch of a button



## Omni Wrapper Standard Features

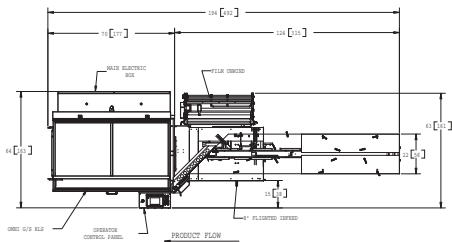
	G	S
23" Wide End Seal	*	*
8" High End-Seal Opening	*	
10" High End-Seal Opening		*
Dual End-Seal Eyes	*	*
EZ Open Dual Wire or Hot Knife Side Seal	*	*
Modular Infeed Connection Ports	*	*
Automatic System Configuration	*	*
Enable/Disable Infeed Capability	*	*
Left-to-Right Product Flow Configuration	*	*
Light Stack Status Indicator	*	*
Quick Release Conveyor Belt Rollers	*	*
Casters	*	*
Graphics-Based Color Touch Screen	*	*
100-Package Recipe Storage Capacity	*	*
Quick Set-Up Recipe Calculator	*	*
CE-Compliant Design	*	*
Multilingual Operator Interface	*	*
Metric Fasteners	*	*
Swing-Out Electrical Control Cabinet	*	*
Integrated Recessed Selvage Winder with Dancer-Controlled Variable Speed Drive	*	*
Selvage Full Alarm/Blue Indicator Light	*	*
Selvage Break Alarm/Machine Stop	*	*
Automatic Scrap Film Threading (Air assist on start-up only)	*	*
Programmable "Film Bunching" for Tall Products	*	*
Dual-Axis Servo End Seal		*
Programmable End-Seal Pressure		*
Automatic Positioning for End-Seal Opening and Centerline		*
Automatic Positioning for Side-Seal Conveyor and Centerline		*

## Infeed Module Standard Features

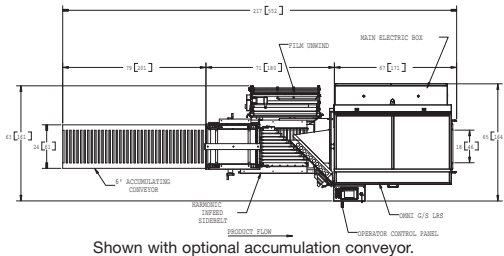
30" Wide, Dancer-Controlled Variable Speed Film Unwind	*	*
Pin Perforator System with Back-Up Brush	*	*
Adjustable Film Inverter	*	*
Separate Infeed Drive Motor	*	*
Modular Infeed Connectors	*	*
Casters	*	*
Right-to-Left Product Flow Configuration	*	*
Left-to-Right Product Flow Configuration	*	*

	<b>Omni G LR &amp; Omni G RL</b>	<b>Omni S LR &amp; Omni S RL</b>
<b>Package Size</b>	Min: 1/2" W x 1/16" H x 3" L Max*: 19" W x 8" H x Infinite L <i>*Width and height combination cannot exceed maximum film width</i>	Min: 1/2" W x 1/16" H x 3" L Max*: 19" W x 10" H x Infinite L <i>*Width and height combination cannot exceed maximum film width</i>
<b>Max Film Width (Folded)</b>	30 inches	30 inches
<b>Max Film Width (Flat)</b>	60 inches (with optional centerfolder)	60 inches (with optional centerfolder)
<b>Conveyor Height</b>	35 1/2 – 42 inches	35 1/2 – 42 inches
<b>Package Speeds</b>	Maximum 80 PPM Dependent on product and application	Maximum 100 PPM Dependent on product and application
<b>Film Speeds</b>	120 ft/min	120 ft/min
<b>Longitudinal Seal</b>	Dual Wire or Hot Knife	Dual Wire or Hot Knife
<b>Transverse Seal</b>	Hot Wire or Hot Knife	Hot Wire or Hot Knife
<b>Drives</b>	Conveyor/Side Seal 1/2 HP AC End-Seal Carriage 3/4 HP AC	Conveyor/Side Seal 1/2 HP AC End-Seal Carriage Servo End-Seal Open/Close Servo
<b>Power</b>	3 Phase, 230 VAC, 18 Amp	3 Phase, 230 VAC, 18 Amp
<b>Compressed Air</b>	1/2 CFM @ 65 PSIG	1/2 CFM @ 65 PSIG only required during initial selvage threading – not used during normal run mode
<b>Safety Devices</b>	<ul style="list-style-type: none"> <li>• Emergency stop button to instantly stop machine motion</li> <li>• Seal bar safety feature to open jaws if closed on an obstacle</li> <li>• Low voltage sensors and controls</li> <li>• Multiple safety interlocks</li> <li>• Torque limits on drives</li> <li>• Tamper-resistant controls and interlocks</li> <li>• Full coverage interlocked hood over end-seal and side-seal areas</li> </ul>	<ul style="list-style-type: none"> <li>• Emergency stop button to instantly stop machine motion</li> <li>• Seal bar safety feature to open jaws if closed on an obstacle</li> <li>• Low voltage sensors and controls</li> <li>• Multiple safety interlocks</li> <li>• Torque limits on drives</li> <li>• Tamper-resistant controls and interlocks</li> <li>• Full coverage interlocked hood over end-seal and side-seal areas</li> </ul>

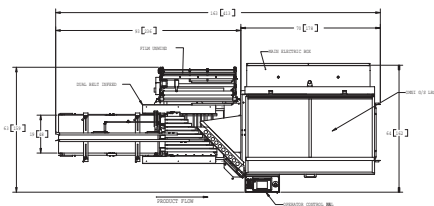
### Plan view – Omni RL with Flighted Infeed



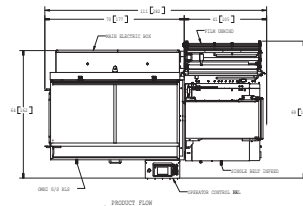
### Plan view – Omni LR with Harmonic Infeed



### Plan view – Omni LR with Dual-Belt Infeed



### Plan view – Omni RL with Single-Belt Infeed



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