

 **Sealed Air**

**Shanklin<sup>®</sup>**

Shrink Packaging Machinery

# Shanklin<sup>®</sup> Hy-Speed

## Automatic Wrappers

Speed and Flexibility to Meet Today's Challenging Production Requirements



# Shanklin® Hy-Speed Automatic Wrappers

## Four Hy-Speed Models...*Endless Possibilities!*

The Shanklin Hy-Speed Series of automatic wrappers are top-of-the-line machines that give you the speed and flexibility you need to meet ever-increasing and ever-changing production demands. Side-sealing Shanklin HS-1 and HS-3 models and overlap-sealing Shanklin HS-2 and HS-4 models offer a variety of features, including fully automatic product handling, speeds from 100 to 180 packages per minute (depending on model, product and application), and the ability to accommodate a wide range of product lengths and shapes.

- **Excellent value**—The fastest, most versatile high-speed wrappers for the price!
- **Smooth operation**—Features fully automatic continuous flow operation
- **Easy to use**—Simple to set up and maintain; designed for quick, easy size changeovers; features user-friendly color touch screen controls
- **Built to last**—Each machine is ruggedly built for high performance, reliability and ease of maintenance
- **Versatile**—Runs equally well at both high and low speeds; capable of handling a wide range of packages; can be used with virtually any type of film (depending on sealing system)
- **Innovative**—Features new SmartWire system that extends wire life and increases operational efficiency
- **Customizable**—Wide variety of options and accessories allow you to customize your Hy-Speed wrapper precisely to your application

## Standard Value-Added Features



User Friendly Control Panel



Full Color Touch Screen



Adjustable Inverting Head  
(HS-1 and HS-3 only)



Quick Change Forming Head  
(HS-2 and HS-4 only)

## The Perfect Partner

Pair your Shanklin Hy-Speed Wrapper with a Shanklin Shrink Tunnel for superior wraps every time!



HS-1

T-62

## The Shanklin HS Series: There's One Built Just for You!

### Side-Sealing Models **HS-1** and **HS-3**

Shanklin was the first to offer the advantage of side-seal capability in a high-speed wrapper back in 1976... and today, that innovative design is the definitive industry standard for top-quality side-sealers! The HS-1 and HS-3 machines produce trim seals on three sides of a package with clear film on the remaining side, top and bottom... making it the perfect solution for products with top and bottom graphics. The HS-1 and HS-3 feature a simplified design for easy operation, maintenance, and changeover, and offer EZ film load capability.



**HS-1/HS-3 High Speed Automatic Wrapper**

### Overlap-Sealing Models **HS-2** and **HS-4**

Ruggedly built Shanklin HS-2 and HS-4 wrappers are our overlap-sealing models that combine high speed and smooth product travel with quick and easy size change for the ultimate packaging performance! These machines produce packages with neat trim seals on both ends and a transparent overlap seam on the bottom. HS-2 and HS-4 feature convenient one-person film loading capability and are especially well suited for wrapping irregular-shaped product.



**HS-2/HS-4 High Speed Automatic Wrapper**

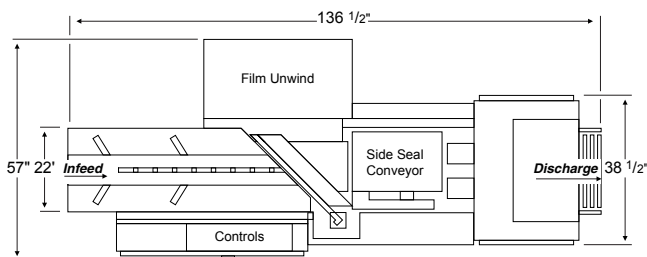
# Shanklin Hy-Speed Model Specifications

|                           | Model HS-1  | Model HS-2   | Model HS-3   | Model HS-4   |
|---------------------------|---|--|--|--|
| <b>Package size</b>       | Min. 1/2"W x 1/8"H x 3"L<br>Max. 16"W x 6"H x 60"L<br>Optional 8" height<br>Width + height combination cannot exceed max. film width  | Min. 2"W x 3/8"H x 3"L<br>Max. 16"W x 6"H x 60"L<br>Optional 8" height<br>Width + height combination cannot exceed max. film width | Min. 1/2"W x 1/8"H x 3"L<br>Max. 16"W x 3"H x 15"L<br>Optional 5" height<br>Width + height combination cannot exceed max. film width | Min. 2"W x 3/8"H x 3"L<br>Max. 16"W x 3"H x 15"L<br>Optional 5" height<br>Width + height combination cannot exceed max. film width |
| <b>Maximum film width</b> | 22" folded or 44" flat; centerfolder required for flat film   | 40" flat   | 22" folded or 44" flat; centerfolder required for flat film  | 40" flat   |
| <b>Conveyor height</b>    | 35 1/2" without casters; 41 1/2" with casters   |  |  |  |
| <b>Package speeds</b>     | 100 packages/min. maximum; dependent on product and application   |  | 180 packages/min. maximum; dependent on product and application  |  |
| <b>Film speeds</b>        | 120 linear ft./min. maximum   |  | 200 linear ft./min. maximum  |  |
| <b>Longitudinal seal</b>  | Weld bead at side of packages   | Static seal; optional thermal seal   | Weld bead at side of packages  | Static seal; optional thermal seal   |
| <b>Transverse seal</b>    | SmartWire or hot knife jaws standard; jaws for polyethylene available   |  |  |  |
| <b>Main drive</b>         | 1 hp DC motor with SCR variable speed control   |  | 1 1/2 hp DC motor with SCR variable speed control  |  |
| <b>Power</b>              | 230V, 15A, 60Hz, 1 phase  |  |  |  |
| <b>Compressed air</b>     | 1/2 C.F.M. free air at 60 psi   |  |  |  |
| <b>Safety devices</b>     | <ul style="list-style-type: none"> <li>• Emergency stop button instantly stops all machine functions until manually reset</li> <li>• Multiple safety interlocks</li> <li>• Emergency reverse</li> <li>• Air cylinder safety opens end seal jaws</li> <li>• Torque limiters on main drive and infeed conveyor</li> <li>• Low voltage sensors and actuators</li> <li>• Tamper-resistant controls</li> </ul> |  |  |  |

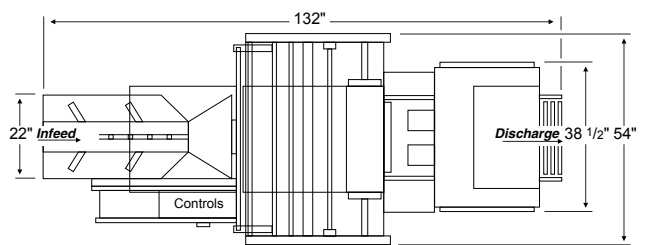
Specifications on all machines subject to change without notice. Some photos may show accessories not part of the basic machine.

**USDA APPROVED MODELS AVAILABLE**

## HS-1/HS-3 Plan View

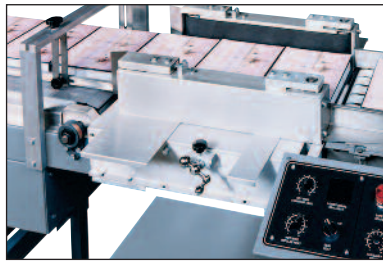


## HS-2/HS-4 Plan View

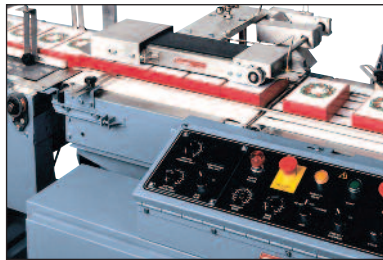


# Shanklin Hy-Speed wrapper options at a glance

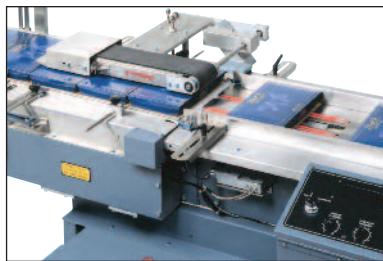
## Infeed options



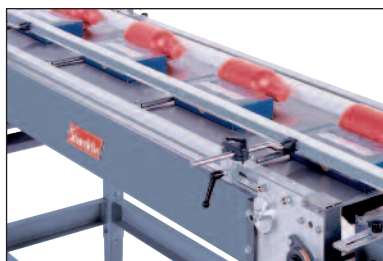
Harmonic  
Side Belt Infeed



Harmonic  
Overhead Infeed



Synchronic Overhead  
Belt Infeed



Adjustable Flight  
Bar Infeed

By selecting just the right combination of options you can customize your Hy-Speed wrapper for the ultimate performance, efficiency and value!

| Options                                     | HS-1 | HS-2 | HS-3 | HS-4 |
|---|------|------|------|------|
| Synchronic Overhead Infeed                  | X    | X    | X    | X    |
| Synchronic Side Belt Infeed                 | X    | X    | X    | X    |
| Vacuum Synchronic Infeed                    | X    | X    | X    | X    |
| Harmonic Overhead Infeed                    | X    | X    |      |      |
| Harmonic Side Belt Infeed                   | X    | X    |      |      |
| Timing Screw Infeed                         | X    | X    | X    | X    |
| Flight Bar Infeed Conveyor                  | X    | X    |      |      |
| Extended Infeed                             | X    | X    | X    | X    |
| Right Angle Infeed (L or R)                 | X    | X    | X    | X    |
| Quick Change Flight Lugs                    | X    | X    | X    | X    |
| Centerfolder                                | X    |      | X    |      |
| Centerfolder—Dual Roll                      | X    |      | X    |      |
| Print Registration                          | X    | X    | X    | X    |
| Cantilever Overhead Unwind (30" film width) |      | X    |      | X    |
| Unwind—Dual Film Roll                       |      | X    |      | X    |
| Dual Speed Operation                        | X    | X    | X    | X    |
| Light Stack Status Indicator                | X    | X    | X    | X    |
| Cluster Lubrication                         | X    | X    | X    | X    |
| Additional Inverting Heads                  | X    |      | X    |      |
| Additional Forming Heads                    |      | X    |      | X    |
| Remote Start/Stop Station                   | X    | X    | X    | X    |
| High Package Modification—up to 5"          |      |      | X    | X    |
| High Package Modification—up to 8"          | X    | X    |      |      |
| Hopper Feed Multi-Adjustable                | X    | X    | X    | X    |
| Thermal Lap Seal                            |      | X    |      | X    |

**For more information, please contact your Shanklin distributor.**

# Shanklin® Hy-Speed Automatic Wrappers

## A Tradition of Exceptional Craftsmanship



Shanklin's dedicated force of skilled craftsmen take pride in their ability to produce a truly superior product. Most of the specially manufactured parts that go into Shanklin machines are produced in our own factory, and our extensive use of computer-controlled equipment ensures maximum quality and consistency at minimum cost.

Shanklin machines are assembled by highly skilled technical professionals who excel at meeting our exacting specifications. Each machine is then carefully examined, tested and run in a typical application to ensure its optimum operation prior to shipping.

Distributed by:



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