



**ASP Series Skin Packaging Machine shown  
with Optional Automatic Out-feed and custom color**

**At a Glance:**

- ★ Industrial Floor Model Skin Packaging Machine for 36" x 48" skin cards
- ★ Use for retail carded packaging or shipping containment
- ★ Convenient pendant mounted color touch screen HMI
- ★ Remote access - Ethernet standard / Wi-Fi optional
- ★ Energy saving impulse heating instant-on quartz heater system with heater oven watt-density adjustable over the heating cycle. Convenient touch screen bar graph interface.
- ★ Starview's exclusive programmable turbine vacuum control standard. Easy HMI bar graph interface
- ★ Automatic in-feed with traveling load template, out-feed table & hot wire cut-off standard
- ★ Optional overhead automatic out-feed system for increased versatility
- ★ Custom machine sizes and features quoted on request

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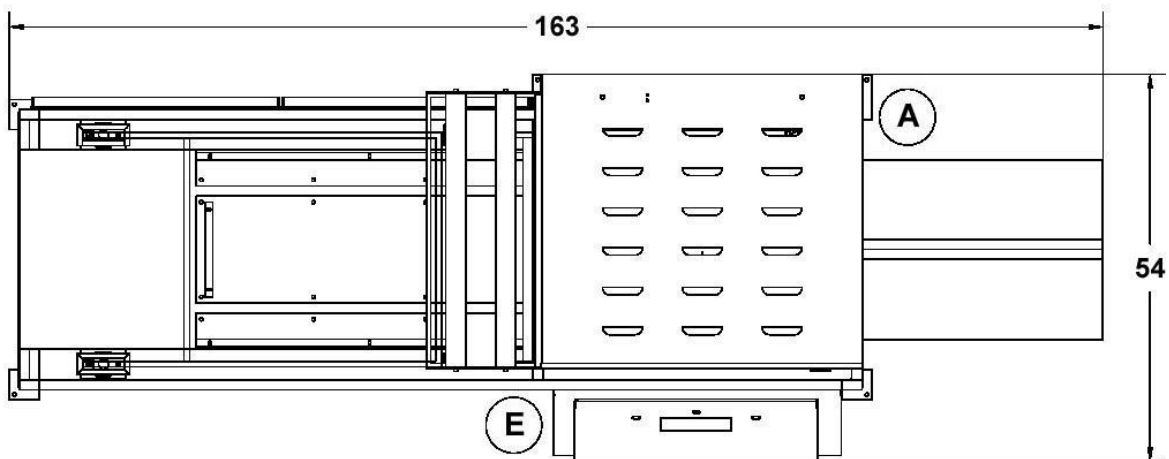
## **Standard Features**

- ★ Programmable logic control (Omron)
  - Intelligent system that allows changes or upgrades from a Starview provided flash memory
  - Ethernet connection to PLC and HMI allows remote access by customer from PC, Laptop, smartphones and tablet devices to HMI screens and PLC functions, and by Starview for program changes, diagnosis or updates when internet connected. Optional Wi-Fi connection available
- ★ Pendant mounted color touch screen HMI includes:
  - Time and date displayed on all screen pages
  - System monitoring page. Heating, vacuum and Job recipe displayed at a glance
  - Full Job Recipe storage with memory for up to 100 different recipes
  - History page with last 200 cycles stored and displayed with time and date stamp
  - Heat Timer
  - Infrared film temperature sensor direct temperature setting with heat timer override.
  - Heater oven watt-density control 0 – 100% variable over the heating cycle-bar graph interface
  - Heat timer override function for fine tuning film heating cycle
  - Heat hold Timer keeps heaters on while & after film clamping frame lowers to prevent film cooling
  - Vacuum timer
  - Vacuum timer override function for fine tuning of packaging cycle
  - Vacuum delay timer
  - Variable vacuum control-adjustable over the vacuum cycle using HMI bar graph interface
  - Hot wire film cut-off timer
  - Heater standby – 0 – 100 percent heater wattage controller
  - Step-up counter
  - Manual / Auto mode
  - In-feed & template cycle control
  - In-feed & template ON/OFF
  - Complete manual control of all individual functions for set up
  - Manual film clamping frame up/down control
  - Machine diagnostics with difficulty location
  - On-screen system errors for troubleshooting
  - Last 7-days alarms stored and displayed with time and date stamp
  - Electrical parts page(s)
  - Pneumatic parts page(s)
  - Mechanical parts page(s)
- ★ Off/On main switch/circuit breaker
- ★ Cycle start button
- ★ Emergency STOP push button
- ★ Tubular quartz heater system
- ★ Heater standby system-percentage on cycle, shortens cycle times and provides greater consistency
- ★ Infrared sensor for film temperature
- ★ Automatic hot wire film cut-off system with impulse controller
- ★ Automatic in-feed station standard
- ★ Automatic moving template loader standard
- ★ Automatic film frame clamping system standard
- ★ Manual out-feed table
- ★ Optional automatic out-feed available
- ★ Filter, Regulator & Pressure gauge & lubricator installed on airline
- ★ Easy access to machine for maintenance
- ★ Leveling feet standard – casters optional
- ★ Welded heavy-wall steel tube construction
- ★ Steel components powder coated blue color

## Specifications

Electrical:	208-240 Volts / 3 PH / 100 Amps
Control:	24 Volts DC
Heating system:	Tubular quartz 26.0 KW
Vacuum system:	4 Turbines @ 100 cfm ea.
Maximum card size:	36" x 48"
Film width max / min:	38.5" / 38.0"
Maximum film roll diameter:	10"
Maximum product height:	6"
Air inlet size:	1/4" NPT female
Maximum air consumption per cycle:	2.0 scf @ 100 psi
Cycle times:	Variable 15-60 seconds
Approximate dimensions (w/automated in-feed & manual out-feed):	163"W x 54"D x 63"H
Additional length for <b>optional</b> out-feed system:	30"
Working Height:	40.0"
Approximate weight:	1,400 LB.

## Machine Footprint



## Series Description

Starview's ASP Series skin packaging machines are designed for medium to high volume applications. They incorporate a stationary heating system with instant on/off heaters, which come up to heat instantly during cycles and turn off for loading/unloading. The ASP skin packaging machines have PLC timer control for precision repeatability and an optional turbine regulator. An automatic in-feed station with moveable template system, out-feed table and impulse type hot wire cut-off are standard. These machines are a sturdy welded steel

construction with removable panels for servicing. The ASP Series is available in the standard sizes beginning with 18 inches by 24 inches and also custom sizes. For machines with higher levels of production please consider our ASP/IR Series.

**Starview's programmable vacuum control system for turbine vacuum machines** provides precise vacuum control for parts with complex shapes. Touch screen interface with convenient bar graph allows turbine speed to be adjusted 0-100% over the entire vacuum cycle. Up to 99 recipes may be stored in memory complete with vacuum curves.

**Infrared film temperature sensor.** Overrides the heating timer and measures the surface temperature of the film. The film clamping frame lowers when the desired film temperature is reached. Film temperature is set directly from the color touch screen. This standard feature provides consistent skin package quality even when the interval between cycles varies. It is also ideal for precisely obtaining the lower heat temperatures needed to minimize webbing of film between tall parts.

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## **Machine Operation**

The operator places the master card under the template on the in-feed station, loads product and depresses the cycle start button to initiate the automatic skin cycle. The skin card and template move to the vacuum box. The template loader lifts and retracts. The heated film automatically lowers to the vacuum box with skin card and the vacuum starts. At the end of the cycle, the film clamping frame opens automatically. The operator then pulls the finished card to the out-feed table at the right side of the machine. The film clamping frame closes automatically and the hot wire cut-off cuts the finished card film to separate it. A new section of film has automatically been loaded into the clamping frame during this process. The finished skin card is now ready for die cutting, if necessary, on one of our **RP Series** roller die cutters or **SDC Series** slitter / die cutters.

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## **Optional Automation**

Starview's ASP Series skin packaging machines are designed to include an optional automatic out-feed system in lieu of the standard manual out-feed system. This option includes two grippers that pull the finished master skin card from the film clamping frame after it has opened. Once the film clamping frame has re-closed and the hot wire cut-off trims the card it is released to an accumulation area directly below. It may then be retrieved by the operator for die cutting if required. An optional conveyor may be ordered to discharge the sheets from the accumulation area.

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*Prices and specifications are subject to change without notice.*



704 Executive Blvd., Valley Cottage, NY 10989