



## Professional Packaging Systems

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# IPV Fully-Automatic Inline Pressure Forming Machine

## At a Glance

- Vacuum and pressure automatic thermoforming machine built for average and high production
- High-productivity with a constant operating speed
- High thermoforming quality with simple mold height adjustment
- Patented press system excludes the oleodynamic circuits
- Heavy-duty industrial design



Buy your thermoform film from us, and get a discount on this Starview thermoforming machine!

## Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

## High Productivity, High Quality Thermoforming

The Starview Electra vacuum and pressure automatic thermoforming machine is built for average and high-production levels. The Electra is equipped with an innovative cutting system and the press is operated by a patented system that totally excludes the oleodynamic circuits.

The basic components of the infeed are a product feeding conveyor, an accumulating conveyor, and a specialized right-angle inserting unit for feeding the grouping of products into the sealing areas.

Available accessories include right-angle transfer mechanisms, product up-enders, product up-stackers, and special product- accumulating conveyors.

## Features of the Electra

- Reliable, reduced energy electrical system
- High productivity with a constant operating speed
- High thermoforming quality with simple mold height adjustment
- Safe operations
- Programmed activation
- Practically oil-free
- Hygienic for production of food containers

## Details of the Electra

An auto-loading reel trolley system allows large and heavy reels to be loaded without using forklifts, mandrels, or self-centering cones.

A touch screen monitor facilitates reviewing of all machine operations, allows intervening in the cycle specifications, and allows repetition of similar operations.

Transportation of the film is carried out using a high resistance chain system. Precise, high-speed chain movement is directed by a brushless servomotor.

A contact pre-heating plier system enables work on very thick materials.

Radiant panels maintain an advanced position to consistently heat materials on both sides. Temperature precision is maintained by automatic thermocouples.

The molding station is comprised of two mobile platforms that are moved by a brushless servomotor screw system assembled in a column. This system rotates 180 degrees allowing molds to be mounted and extracted outside of the machine.

High-closing power is achieved with a four column press comprised of two independent mobile platforms that are activated by a re-circulating ball screw system and brushless servomotors.

Determined by the height of the thermoformed products, the cutting device platform return stroke is regulated and recorded. This system is controlled via touch screen monitor.

An efficient stacking and counting mechanism is connected to the punching press. Motorized extraction moves stacked pieces to a platform or conveyor.

Please [contact Pro Pac](#) or call 888-318-0083 for your thermoforming equipment.

# Specifications of the Electra Thermoforming Machine

Specifications	PVE-24	PVE-33	PVE-42	PVE-50
Max Forming Area	23.5" x 15.75"	23.5" x 21.5"	25.5" x 25.5"	30.0" x 25.5"
Min Forming Area	6.0" x 4.0"	6.0" x 4.0"	9.75" x 4.0"	11.75" x 4.0"
Max Downward Draw Width	4.75"	4.75"	4.75"	4.75"
Max Pos / Neg Draw Width	6.25"	6.25"	6.25"	6.25"
Max Sheet Width	25.0"	25.0"	27.0"	31.75"
Average Cycle Speed	25 CPM	25 CPM	24 CPM	24 CPM
Upper Panel Power	21 KW	29.2 KW	32 KW	37.5 KW
Lower Panel Power	18.5 KW	27 KW	39.5 KW	35 KW
Vacuum Pump Capacity	100 MH	100 MH	140 MH	160 MH
Vacuum Pump Power	2.2 KW	2.2 KW	3 KW	3 KW
Vacuum Tank Capacity	39.5 Gallons	52.75 Gallons	79.25 Gallons	79.25 Gallons
Max Thrust of Press	50 Ton	50 Ton	60 Ton	60 Ton
Approximate Size	24.5'W x 7.5'D x 8.75'H	27'W x 7.5'D x 8.75'H	29.5'W x 8.25'D x 8.75'H	29.5'W x 9.0'D x 8.75'H