



Thermoforming Equipment



Starview Packaging Machinery, Inc.

Toll free: 1-888-278-5555 / www.starview.net



SAT SERIES

SEMI-AUTOMATIC VACUUM FORMERS

- Complete machine PLC control with color HMI
- Semi-automatic, roll or sheet fed
- High efficiency radiant panel heating elements for maximum heat to film while conserving energy
- Heater oven zoned for uniform heating of film
- High powered cooling blowers to reduce process time



Standard SAT Series Automatic Vacuum Forming Machine
shown with optional plug/grid assist

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Description

Starview's SAT Series vacuum forming machines utilize roll fed or sheet-fed film and include a radiant heater panel oven for uniform heating and maximum heat penetration. Cooling blowers to remove heat from the film are standard. The SAT Series machines are ideal for mold sampling and short production runs.

Starview's SAT Series vacuum formers can be equipped with optional features such as a sandwich (upper and lower) heater system operated dependently or independently above and below the film. A water-cooled mold base is available to increase cycle speeds. An automatic plug/grid assist is available to pre-stretch the film on deep female molds or tall male molds.

Specifications

Model	SAT-2030	SAT-2530	SAT-2540	SAT-3036
Forming Area:	20" x 30"	25" x 30"	25" x 40"	30" x 36"
Roll or sheet fed:	Standard	Standard	Standard	Standard
Cooling blowers:	Standard	Standard	Standard	Standard
Vacuum pump:	Standard	Standard	Standard	Standard
Water cooled base:	Optional	Optional	Optional	Optional
Plug/Grid assist:	Optional	Optional	Optional	Optional
Upper/lower oven:	Optional	Optional	Optional	Optional
Average cycle speed:	1 – 4 cpm	1 – 4 cpm	1 – 4 cpm	1 – 4 cpm
Max. form height:	8"	8"	8"	8"
Approximate size:	96"W x 72"D x 75"H	96"W x 82"D x 75"H	116"W x 82"D x 75"H	108"W x 92"D x 75"
Approximate weight:	1,200 lbs.	1,300 lbs.	1,500 lbs.	1,500 lbs.

Specifications and model availability are subject to change without notice.

Please request specific model quotations for complete pricing, specifications and options from your local distributor. Feel free to contact Starview to obtain the contact information for the authorized distributor in your area.

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FOM SERIES

FULLY AUTOMATIC VACUUM FORMERS

- Complete machine PLC control with color HMI
- Fully automatic, roll fed with adjustable guillotine sheet cut-off
- Optional plug/grid assist adjustable from HMI
- High efficiency radiant panel heating elements for maximum heat to film while conserving energy
- Heater oven zoned for uniform heating of film
- High powered cooling blowers to reduce process time



Standard FOM Series Automatic Vacuum Forming Machine
shown with optional plug/grid assist

Starview Packaging Machinery, Inc.

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Description

Starview's FOM Series vacuum forming machines are fully automatic, roll fed or sheet-fed and include radiant heater panel oven for maximum heat penetration, automatic out-feed and a finished sheet guillotine cut-off system.

Starview's FOM Series vacuum formers can be equipped with optional features such as a sandwich (upper and lower) heater system operated dependently or independently above and below the film. Also available is male/female mold capability, an inline automatic pre-heat station, an automatic plug/grid assist that is adjustable from the touch screen and adjustable film width.

Specifications

Model	FOM-2030	FOM-2530	FOM-2540	FOM-3040
Forming Area:	20" x 30"	25" x 30"	25" x 40"	30" x 40"
Roll or sheet fed:	Standard	Standard	Standard	Standard
Cooling blowers:	Standard	Standard	Standard	Standard
Vacuum pump:	Standard	Standard	Standard	Standard
Water cooled base:	Standard	Standard	Standard	Standard
Plug/Grid assist:	Optional	Optional	Optional	Optional
Upper/lower oven:	Optional	Optional	Optional	Optional
Adjust film width:	Optional	Optional	Optional	Optional
Average cycle speed:	1 – 4 cpm	1 – 4 cpm	1 – 4 cpm	1 – 4 cpm
Max. form height:	5"	5"	5"	5"
Approximate size:	200"W x 77"D x 115"H	200"W x 87"D x 115"H	216"W x 87"D x 115"H	216"W x 97"D x 115"H
Approximate weight:	4,000 lbs.	4,200 lbs.	4,500 lbs.	4,700 lbs.

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IF SERIES

FULLY AUTOMATIC INLINE VACUUM FORMERS

- Complete PLC machine control with color HMI
- Fully automatic, roll fed with adjustable guillotine sheet cut-off
- High efficiency radiant panel heating elements for maximum heat to film while conserving energy
- Heater oven zoned for uniform heating of film
- Single-stage inline heater oven to decrease cycle times
- High powered cooling blower and water-cooled mold plate to reduce process time
- Plug/Grid assist standard



Standard IF Series Automatic Vacuum Forming Machine

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Description

Starview's IF Series automatic vacuum formers are designed for medium to higher run thermoforming applications. The IF machines will form most common materials such as PVC, PET, Polystyrene, ABS, etc. The IF Series is offered with a standard form area 25" x 40" as well as custom sizes to meet customer requirements. These machines can increase production up to 80% over typical single moveable oven type vacuum formers. Features such as Plug/grid assist, Male/female mold capability and inline preheat systems increase the versatility of this machine.

Starview's IF Series automatic vacuum formers can be equipped with optional features such as a sandwich (upper and lower) heater system operated dependently or independently above and below the film. Additional zones of heating may also be ordered for improved control of sheet heating.

Specifications

<i>Model</i>	IF-2540
Forming Area:	25" x 40"
Roll or sheet fed:	Standard
Adj. form width:	Standard 25" down to 20"
Adj. film index:	Standard 40" down to 20"
Cooling blowers:	Standard
Vacuum pump:	Standard
Water cooled base:	Standard
Plug/Grid assist:	Standard
Upper/lower oven:	Optional
Average cycle speed:	1-8 cpm w/upper oven & 1-12 w/upper and lower ovens
Max. form height:	4"
Approximate size:	226"W x 85"D x 85"H
Approximate weight:	4,500 lbs.

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IPV SERIES

FULLY AUTOMATIC INLINE PRESSURE FORMERS

- Complete PLC machine control with color HMI
- Fully automatic, roll fed with scrap winder
- High efficiency ceramic heating elements for maximum heat to film while conserving energy
- Double acting form press
- Hydraulic Trim Press
- Upward and downward finished parts stacking standard
- High powered cooling blowers to reduce process time
- Remote system management via modem



Standard IPV Machine *shown.*
Film unwind station and scrap rewind station not shown.

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Description

Starview's IPV Series thermoformers are high-speed, servo driven and quick changeover machines designed for large-scale OEM and custom former applications. Designed with the user in mind these thermoformers provide total process control and maximum flexibility. These machines use pressure and/or vacuum to produce the highest possible quality finished parts. The IPV Series thermoformers will process all thermoforming grade materials including PVC, HIPS, PET, PP, HDPE, OPS, etc. Standard features include:

- Self-loading film roll holder for a simple and rapid loading.
- Film advance servomotor driven pin chain.
- Single resistance heating to optimize heat distribution.
- Forming press with two independent platens
- Electrically movable plug or grid assist is standard
- Stacking: finished parts can be stacked either upwards or downwards and stacking can be made into a magazine or onto a conveyor.
- Set-up: all adjustments to the machine devices can be set up according to user requirements using motorized actuators. All positions are stored, so the set-up procedure can be repeated quickly one a job is set initially.
- Automatic constant tension scrap winder allows changing bales of scrap on the fly.
- Cycle control through a large color HMI that allows the operator to easily adjust and record work parameters.

Starview's IPV Series thermoformers are designed to include an optional punching station located between the forming press and the die cutting press. Optional film edge heaters are available for thicker films.

Specifications

Model	IPV-2525
Maximum forming area:	25" x 25"
Maximum downward part draw:	4.7"
Maximum upward part draw:	4.7"
Approximate size:	354"W. x 98"D x 104"H
Approximate weight:	14,000 lbs.

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