



THERMOFORMING EQUIPMENT

the **STARVIEW ADVANTAGE**

FROM SEMI-AUTOMATIC VACUUM FORMERS TO FULLY AUTOMATIC INLINE VACUUM & PRESSURE FORMERS



IF-2540
FULLY AUTOMATIC VACUUM THERMOFORMER

SAT SERIES
SEMI-AUTOMATIC VACUUM FORMER



CONSUMER GOODS



FOOD



MEDICAL DEVICE



PHARMACEUTICAL



NUTRACEUTICAL



AFTERMARKET PARTS

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INNOVATIVE PACKAGING MACHINES

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THERMOFORMING EQUIPMENT

MODELS COMPARAISON

Click on miniature for more information about that series of Packaging Machines



SAT

FOM

IF

IPV

Type of thermoforming machine:	Semi-automatic vacuum	Fully automatic vacuum	Fully automatic inline vacuum	Fully automatic inline pressure
Size type of production:	low to medium	medium	medium to high	high
Forming Area:	20" x 30" / 25" x 30" / 25" x 40" / 30" x 36"	20" x 30" / 25" x 30" / 25" x 40" / 30" x 36"	25" x 40"	25" x 25"
Cooling blowers:	Standard	Standard	Standard	Standard
Vacuum pump:	Standard	Standard	Standard	Standard
Water cooled base:	N/A	Standard	Standard	Standard
Plug/Grid assist:	Optional	Optional	Standard	Standard
Adjust film width:	N/A	Optional	Standard	Standard
Average cycle speed:	1-4 cpm	1-4 cpm	1-8 cpm w/upper oven & 1-12 w/upper and lower ovens	5-25 cpm
Max. form height:	8"	5"	4"	8"



SAT SERIES SEMI-AUTOMATIC VACUUM FORMING MACHINES



STANDARD SAT SERIES AUTOMATIC VACUUM FORMING MACHINE
SHOWN WITH OPTIONAL PLUG/GRID ASSIST

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SAT SERIES

SEMI-AUTOMATIC VACUUM FORMING MACHINES

YOUR MARKET ... OUR SOLUTIONS

Starview's **SAT Series** semi-automatic vacuum formers are designed for low to medium run thermoforming as well as mold sampling. The SAT Series machines will form most common materials such as PVC, PET, Polystyrene, ABS, etc. The **SAT Series** is offered with standard form areas of 20" x 30", 25" x 30", 25" x 40" and 30" x 36" as well as custom sizes to meet customer needs.

For machines with increased production capacity and inline die cutting please consider Starview's **FOM Series, IF Series or IPV Series** thermoforming machines.

the **STARVIEW** **ADVANTAGE**

- A wide range of standard and custom automation features available to match customer requirements.
- ANSI Class 4 machine safety for operator protection.
- Color touch screen HMI for the ultimate in operator convenience and accessibility. Includes storage for 99 databases and on-screen data tracking.
- A Starview exclusive remote access via standard Ethernet hardwire or optional Wi-Fi router gives management access to real-time process information from the machine.
- Standard cooling blowers and optional plug/grid assist and water-cooled mold plate provide increased machine versatility and productivity.
- Uses quick-change cost effective multi-ply hardwood or durable aluminum tooling.
- Industry leading design, construction, features and customer support.



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SAT SERIES

SPECIFICATIONS

	SAT-2030	SAT-2530
Forming Area:	20" x 30"	25" x 30"
Cooling blowers:	Standard	Standard
Vacuum pump:	Standard	Standard
Water cooled base:	n/a	n/a
Plug/Grid assist:	Optional	Optional
Adjust film width:	n/a	n/a
Average cycle speed:	1 – 4 cpm	1 – 4 cpm
Max. form height:	8"	8"
Electrical:	208-230 Volts / 3 PH / 65 Amps	208-230 Volts / 3 PH / 70 Amps

	SAT-2540	SAT-3036
Forming Area:	25" x 40"	30" x 36"
Cooling blowers:	Standard	Standard
Vacuum pump:	Standard	Standard
Water cooled base:	n/a	n/a
Plug/Grid assist:	Optional	Optional
Adjust film width:	n/a	n/a
Average cycle speed:	1 – 4 cpm	1 – 4 cpm
Max. form height:	8"	8"
Electrical:	208-230 Volts / 3 PH / 80 Amps	208-230 Volts / 3 PH / 80 Amps

Specifications and model availability are subject to change without notice.

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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 AUTOMATIC VACUUM FORMING MACHINES



STANDARD FOM SERIES AUTOMATIC VACUUM FORMING MACHINE
SHOWN WITH OPTIONAL PLUG/GRID ASSIST

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FOM SERIES

AUTOMATIC VACUUM FORMING MACHINES

YOUR MARKET ... OUR SOLUTIONS

Starview's **FOM Series** automatic vacuum formers are designed for medium run thermoforming applications. The FOM Series machines will form most common materials such as PVC, PET, Polystyrene, ABS, etc. The **FOM Series** is offered with standard form areas of 20" x 30", 25" x 30", 25" x 40" and 30" x 40" as well as custom sizes to meet customer requirements. These machines include an adjustable air cushion to maintain plastic flatness and prevent sagging before the mold reaches the end of its upper travel. Optional features such as Plug/grid assist, Male/female mold capability and inline preheat systems increase the versatility of this machine.

For units with increased production capacity and inline die cutting please consider Starview's **IF Series** or **IPV Series** thermoforming machines.

the **STARVIEW** **ADVANTAGE**

- A wide range of standard and custom automation features available to match customer requirements.
- ANSI Class 4 machine safety for operator protection.
- Color touch screen HMI for the ultimate in operator convenience and accessibility. Includes storage for 99 databases and on-screen data tracking.
- A Starview exclusive remote access via standard Ethernet hardwire or optional Wi-Fi router gives management access to real-time process information from the machine.
- Standard cooling blowers and optional plug/grid assist and water-cooled mold plate provide increased machine versatility and productivity.
- Formed sheets advanced out of the forming area and guillotined off automatically freeing the machine operator for a secondary die cutting operation.
- Industry leading design, construction, features and customer support.



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FOM SERIES SPECIFICATIONS

	FOM-2030	FOM-2530
Forming Area:	20" x 30"	25" x 30"
Cooling blowers:	Standard	Standard
Vacuum pump:	Standard	Standard
Water cooled base:	Standard	Standard
Plug/Grid assist:	Optional	Optional
Adjust film width:	Optional	Optional
Average cycle speed:	1 – 4 cpm	1 – 4 cpm
Max. form height:	5"	5"
Electrical:	208-230 Volts / 3 PH / 65 Amps	208-230 Volts / 3 PH / 70 Amps

	FOM-2540	FOM-3040
Forming Area:	25" x 40"	30" x 40"
Cooling blowers:	Standard	Standard
Vacuum pump:	Standard	Standard
Water cooled base:	Standard	Standard
Plug/Grid assist:	Optional	Optional
Adjust film width:	Optional	Optional
Average cycle speed:	1 – 4 cpm	1 – 4 cpm
Max. form height:	5"	5"
Electrical:	208-230 Volts / 3 PH / 80 Amps	208-230 Volts / 3 PH / 100 Amps

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IF SERIES FULLY AUTOMATIC VACUUM FORMING MACHINES



STANDARD IF SERIES AUTOMATIC VACUUM FORMING MACHINE

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IF SERIES

FULLY AUTOMATIC VACUUM FORMING MACHINES

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Starview's **IF Series** automatic vacuum formers are designed for medium to higher run vacuum forming applications. The IF Series 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.

For machines with higher production capacity and inline die cutting please consider Starview's **IPV Series** pressure forming machines.

the **STARVIEW** **ADVANTAGE**

- A wide range of standard and custom automation features available to match customer requirements.
- ANSI Class 4 machine safety for operator protection.
- Color touch screen HMI for the ultimate in operator convenience and accessibility. Includes storage for 99 databases and on-screen data tracking.
- Inline top oven standard with optional bottom oven available for high-speed vacuum forming to increase machine productivity.
- Standard cooling blowers, water cooled mold plate and optional plug/grid assist provide increased machine versatility and productivity.
- Formed sheets advanced out of the forming area and guillotined off automatically freeing the machine operator for a secondary die cutting operation.
- Industry leading design, construction, features and customer support.



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IF SERIES SPECIFICATIONS

	IF-2540
Forming Area:	25" x 40"
Cooling blowers:	Standard
Vacuum pump:	Standard
Water cooled base:	Standard
Plug/Grid assist:	Standard
Adjust film width:	Standard
Average cycle speed:	1-8 cpm w/upper oven & 1-12 w/upper and lower ovens
Max. form height:	4"
Electrical:	208-230 Volts / 3 PH / 80 Amps

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IPV SERIES FULLY AUTOMATIC INLINE PRESSURE FORMER



STANDARD IPV MACHINE SHOWN.
FILM UNWIND STATION AND SCRAP REWIND STATION NOT SHOWN.

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IPV SERIES

FULLY AUTOMATIC INLINE PRESSURE FORMER

YOUR MARKET ... OUR SOLUTIONS

Starview's **IPV Series** pressure formers are high-speed, servo-driven and quick change over machines designed for large-scale OEM and custom former applications. Designed with the user in mind these machines provide total process control and maximum flexibility. The **IPV Series** use pressure and/or vacuum to produce the highest possible quality finished parts. They will process all thermoforming grade materials including PVC, HIPS, PET, PP, HDPE, OPS, etc. The **IPV Series** is offered in a standard form area of 25" x 25".

For machines to produce larger formed parts or higher production rates request information on **IPV Series** units with larger forming areas.

the **STARVIEW** **ADVANTAGE**

- A wide range of standard and custom automation features available to match customer requirements.
- ANSI Class 4 machine safety for operator protection.
- Color touch screen HMI for the ultimate in operator convenience and accessibility. Includes storage for 99 databases and on-screen data tracking.
- A Starview exclusive remote access via standard Ethernet hardwire or optional Wi-Fi router gives management access to real-time process information from the machine.
- Operates continuously from roll fed films. Automatic film roll lift with powered film unwind for ease of operation.
- Upper and lower 3-stage infrared radiant heater panels for fast and uniform sheet heating.
- High pressure hydraulic four-post trim press with standard trim die heater for clean cuts at lower cutting forces.
- Standard up-stacking or optional down-stacking to conveyor for efficient finished product removal.
- Automatic scrap winder. Scrap bale can be removed while machine is in operation for uninterrupted production.
- Industry leading design, construction, features and customer support.



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IPV SERIES SPECIFICATIONS

	IPV-2525
Forming Area:	25" x 25"
Cooling blowers:	Standard
Vacuum pump:	Standard
Water cooled base:	Standard
Plug/Grid assist:	Standard
Adjust film width:	Standard
Average cycle speed:	Variable 1 - 15 on average
Max. form height:	12.0" x 12.0"
Maximum downward part draw:	4.7"
Maximum upward part draw:	4.7"
Electrical:	460-480 Volts / 3 PH / 120 Amps

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