



Heat Press Catalog

Jesse J Heap & Son, Inc. offers a full line of heat transfer printing equipment and accessories. With over 20 years servicing and installing heat presses we provide training, installation support and expertise in helping you choose the right press for your production needs

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INTRODUCTION TO HEAT TRANSFER PRINTING

Use our [heat transfer press finder](#) to help narrow your choices based on your printing requirements.

[Español]

The process of transferring images to a large variety of products without messy inks by-products or screens is possible with Heat Transfer Technology. The process is fast, it lasts and it is profitable.

In the early days, Heat transfer printing were principally used in the printing of novelty items, such as polyester tops and t-shirts. Today heat transfer printing has gained significant importance and favor in several industries - especially in the apparel industry as an alternative for printing fabric in an agile manufacturing environment.

Heat transfer printing is clean and environmentally safe, which makes it appealing in today's health and safety conscience work environments. There are no suspect liquid by-products. The only by product is paper. Heat Transfer printing is the primary element in apparel manufacturing operations utilizing the increasingly popular agile manufacturing. It is the perfect medium for the demands of today's marketplace - short run and sample production.

This use in agile manufacturing has been made possible through development and refinement of [dye-sublimation printing](#). With the help of specially formulated [dye-sublimation inks](#) and advances in graphics and [RIP software packages](#), operators now have greater control and flexibility which results in a better quality end product. Now short runs of fabrics or even individual cut parts can be printed efficiently, quickly, and cost-effectively in response to real market demand.

HEAT TRANSFER PRODUCT APPLICATIONS

- Point of purchase banners, signage, displays, skirting, carpeting, etc.
- Advertising specialties - mouse pads, wrist pads, beverage insulators, clip boards, etc.
- Ceramic tiles, wall murals and interior design
- Snow skis, snow boards, cycling helmets, in-line skates, water sports equipment
- Gaming tables , chips
- Lettering, Rhinestones/crystals
- Uni-sub wood, clipboards, plaques, signage, vending machines message boards, table tops, counter tops, flooring, etc.
- Microfiber based sports apparel, T-shirts, caps, swimsuits, jackets, tote bags, cut apparel parts, large format textiles, etc.

HEAT TRANSFER PRINTING MACHINERY

Heat Transfer machinery is of two types:

- A. Platen Type Transfer Presses i.e. [Astex model #162/354, 1550PA #1350, 1600](#) etc.
- B. Rotary Drum Transfer Presses [#7500, #7616, 7900T, 7300IJ](#), etc

Platen presses are often used for printing on individual pieces such as cut apparel parts, T-shirts, sports apparel, tote bags, etc. Platen presses are also used to print on rigid substrates such as wood, metals and ceramic tiles.

ROTARY DRUM MACHINES

These machines are often used to print fabric continuously (roll to roll) and to print large fabric parts such as signs and banners which may be too large for a standard platen press. Drum machines can also be used to print sports apparel and other cut apparel parts. Drum machines are more productive than platen machines for [sublimation printing](#) on cut apparel parts and are therefore used when production volume is high. Drum machines are not used however to print onto rigid substrates such as wood, metal or ceramic tile.

CHOOSING A MACHINE

The right machine depends on the type of product to be printed, the print size and the production requirements. If you wish to print full coverage on 60" wide goods, you would need to use a Rotary Drum machine. T-shirts, mugs, wood or tile are best printed on a platen machine. Cut apparel parts can be printed on either a platen press or a rotary drum machine. Production requirements often dictate which type of machine is used. Banners and soft signage are often printed on a rotary drum machine.

Our exclusive [heat transfer press finder](#) will help you find a heat transfer press to suit your needs. Simply choose the type of heat transfer machine and enter your printing size requirements and the finder will return a list of best fit heat presses.

Let us know your application and we will be happy to recommend the right machine for your particular needs.

SOURCES AND TYPES OF TRANSFERS

There are many different types and sources of transfers. Generally speaking a transfer is made up of a carrier paper and inks. When heat and pressure are applied to this paper the inks are transferred to the substrate you wish to print onto. Some transfers are topical. The image is applied to the surface of the substrate. Other transfers are absorbed into the fibers of the

material. The types of transfers, which permeate the material, are called [sublimation transfers](#). Jesse J. Heap & Son offers a full [dye-sublimation package](#) in partnership with some of the leading vendors in this field - Sawgrass, AIT & Wasatch.

Heat transfers can also be printed onto mugs, ceramic tile, mousepads, metals, glass and wood (sublimation process). The above substrates must have a polyester coating so that the transfer will adhere. These substrates can be purchased with the coating from a supplier. Check our [sublimation FAQ](#) for more information.

TRANSFER SOURCES

The three most common types of image transfers produced are: **Computer transfers**, **Color Copier transfers** and what are referred to as **"Supplier" transfers**.

"Supplier" transfers can be purchased from commercial suppliers. These transfers are screen printed onto carrier paper or on offset presses using sublimation inks. Their designs are shown in catalogues or can be special ordered. The plastisol/hot peel transfers from these companies are generally opaque and therefore good for heat transferring onto dark items.

Computer Transfers are transfers that can be created in-house using a computer graphics package, which is integrated with an ink-jet or electrostatic printer. Contact us and we can advise you about an in-house paper printing system.

Color copier transfers are produced using a special color copier transfer paper. The image is copied onto the special paper and then heat pressed on the material.

MISCELLANEOUS TRANSFERS

Other types of transfers include embroidered appliques, die cut lettering and flock transfers. Embroidered appliques come as an embroidered patch with heat activated adhesive on the underside.

Dye cut lettering is a vinyl or other type of material that is pre cut in various numbers, letters and custom shapes. The user lays the letters and numbers down on the garment and heat-seals them on. Sports apparel is printed with numbers and letters in this manner.

IN-HOUSE OR OUT-SOURCE??

The decision to make transfers in-house or to out source them from a supplier depends on your target market and your production requirements. If you plan to do small runs of special designs it would be cost effective to set up an in-house system to generate paper. Large bulk jobs would be best served by purchasing sublimation paper or other transfers from a commercial supplier.

The three main ingredients in Heat Transfer Technology are the heat press, the transfer and the substrate to be printed. Information on the Astex line of Heat Transfer Printing Equipment can be found in our [AIT/Astex Heat Transfer Section](#). Please feel free to email us or fill out the [catalogue request form](#). You may also call or fax us at the numbers listed.

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Astex Model 1112

Electro-Magnetic Heat Transfer Printer



1112 with electromagnetic press open

The **1112** features a floating head design to ensure even contact across the heated. The head automatically opens after the timer cycles out.

[Astex 1112 Heat Press Video Demonstration Available](#)

The **Astex 1112** is a semi-automatic Heat Press with a unique Electro-Magnetic pressure system to relieve operator fatigue.

The heated platen size is 20" x 44" making this an ideal machine for dye sublimation of small format flags and banners. The **Astex 1112** is CE certified and will meet or exceed worldwide safety and efficiency standards.

This machine is well-suited for transferring graphics to awnings & canopies.



Head automatically closes after cycle

SPECIFICATIONS

Model	Platen Size	Voltage	Temperature	Applied Force	Net Weight
1112	20" x 44"	220V /3 PH / 15 Amps	0-450 F	0-12 PSI	600 lbs.

Metalnox Model PT-800

Manual Clam Shell Heat Press

Large format printing - 20" x 28"



The PT-800 Metalnox Clam Shell Type Heat Press is an affordable solution for dye-sublimation printers operating in a short-run production environment. With today's customers demanding quicker turnaround and smaller print jobs, the PT-800 sturdy construction and ergonomic design is well-suited to meet their needs.

The manually operated press has a 20" x 28" platen area which is ideal for a variety of sublimation applications including sports and women's fashion garments. The heat press is also equipped with digital time and temperature controls.

Move Mouse Over Image to See Preview on Left



FEATURES

- Standard 20"x 28"
- Digital Temperature and timer controls
- Economical model for short-run dye-sublimation projects
- Optional top and bottom heat

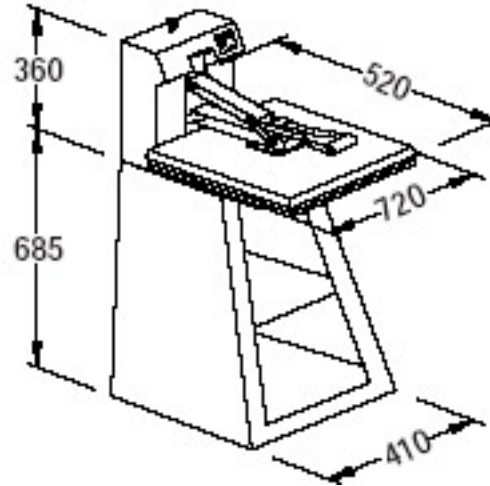
SPECIFICATIONS

Model	PT-800
Platen Size	20" x 28"
Voltage	120V or 220V
Temperature	0 - 450 F
Amperage (A)	22.7
Net Weight	328 lbs (149 kg)

PACKING DIMENSIONS

Length	Width	Height
93 cm 36 1/2 in	85 cm 33 1/2 in	50 cm 19 1/2"

Measurements in Millimeters (mm)



PT-800 Heat Press Measurements

Astex Model 165CR

Front Loading Heat Transfer Printing Machine



Picture shown with automatic tray loading system & size-zone heat control of bottom and top platens

The **165CR** Heat Press features large electrically heated platen sizes to allow for full width strike-offs and large sheet printing of parts. Time, temperature and pressure settings are all adjustable and fully automatic.

Floating heat design assures perfectly even pressure and temperature in all areas. The front load reciprocating tray loading system doubles productivity by allowing loading and unloading while printing cycle is underway.

Simplicity in design, with few moving parts, results in a virtually maintenance free machine.

HEAT PRESS INFO

Features:

- Electrically Heated Platen
- Solid State Timer
- Floating Head for Even Pressure
- Solid State Temperature Control
- Adjustable Pressure
- Reciprocating Trays for Loading

Options:

- 6-Zone Heat Control
- Reciprocating Tray System with Push Button Operation

Videos:

- [Astex 165 Heat Transfer Video](#)

SPECIFICATIONS

Model	Platen Size	Machine Depth	Machine Height	Machine Width	Amps Draw @ 220/3/60	Net Weight
165CR600	39" x 63"	108"	80"	77"	26	4000 lbs
165CR600D	39"x63"	108"	77"	80"	47	4000 lbs

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Astex Model 162CR/354CR

Platen Fusing/Heat Pneumatic Press

with Dual Reciprocating Tray System

[\[Low-priced remanufactured model also available\]](#)



Model 354CR Pictured with 30" x 48" Platen, Manual Tray and Single Heat

Versatile machine is equipped for **fusing, laminating** and **heat transfer printing**. See [demonstration video](#).

[View Specifications Diagram](#) with machine measurements.

Ideal as a low cost solution for sublimation of sports related apparel.

The ***Astex 162CR/354CR Table Top Platen Fusing/Transfer Press*** is available in two platen sizes - 24" x 36" for **Model 162CR** and 30" x 48" for **Model 354CR**.

These machines are standard with three independently controlled zones of top heat and are ideal for fusing, transfer printing and film laminating. Equipped with a preset timer, the heated platen automatically releases as the dwell time expires.

A regulator allows easily adjustable platen pressure with temperature control maintained by digital thermostat. Productivity is doubled with the reciprocating tray by providing a loading tray while the original tray is cycling.



Model 162CR pictured with 24" x 36", optional double heating & optional automatic tray operation

HEAT PRESS INFO

Features:

- Electrically heated platen
- Solid state timer
- Floating head for even pressure
- Solid state temperature control
- Adjustable pressure
- Side Load Tray System

Options:

- Double Heating
- Hydraulic Pressure System
- Air operated tray loading system (automatic)

Videos:

- [Astex 162-354 Demonstration](#)

SPECIFICATIONS

Model	Platen Size	Machine Width (Side View)	Machine Length (Side View)	Machine Width (Front View)	Machine Width (front view)	Machine Length (front view)	Machine Height (front view)
162	24" X 36"	36" 92 cm	80" 203 cm	36" 92 cm	104" 264 cm	45" 114 cm	36" 92 cm
354	30" x 48"	48 " 122 cm	86 " 218 cm	36 " 92 cm	130" 330 cm	51" 130 cm	36" 92 cm
Model	Cylinders	Volt/Phase		Amp		Weight	
162	One	220/3		18		500 lbs 227 kg	
354	Two	220/3		30		950 lbs 432 kg	

Astex Model 1600 Series

Dual Station Heat Transfer Printing System

The Astex Model 1600 is a fully automatic large format Heat transfer printing System specifically designed for Dye Sublimation Printing of Carpet Tiles, Cermaics, Wood, Fire retardant Plastics, and Cut Apparel Parts.

The heated upper platen automatically indexes from one station to the other.

The Astex Multi-Zone Heat Control and Hydraulic Pressure System provides consistent quality. The 1600 Series Machines are "Safety Certified" and meet all World Safety and Efficiency Standards



[\[Click for additional pictures\]](#)



Example of Sublimation
 Printing on Wood with
Sawgrass Inks.

HEAT PRESS INFO

<p>Features:</p> <ul style="list-style-type: none"> • Digital Temperature Indicator • Digital Timer • Head Safety Device • Hydraulic Platen Pressure System up to 36,000 lbs. (6 PSI) • Precision ground steel platens insure minimum variation in flatness across the printing surface • High rigidity frame structure 	<ul style="list-style-type: none"> • Even heat throughout platens through symetrically placed heating elements, insuring color uniformity. <p>Options:</p> <ul style="list-style-type: none"> • Double Heating • 380 or 440 Volt • Gapping Mode - for delicate substrates this option prevents crushing
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SPECIFICATIONS

Platen Size	Overall Machine Dimensions (L x W x H)	Current	Power Consumption	Net Weight
55 x 68 (in) 140 x 175 (cm)	165 x 86 x 52 (in) 420 x 218 x 132 (cm)	220 or 280/ 3 ph	17.5 KW	6250 lbs (2840 kgs)
50 x 100 (in) 203 x 183 (cm)	230 x 62 x 52 (in) 584 x 157 x 132 (cm)	220 or 280/ 3 ph	22.5 KW	6600 lbs (3000 kgs)
78 x 68 (in) 127 x 254 (cm)	186 x 86 x 52 (in) 472 x 218 x 132 (cm)	220 or 280/ 3 ph	24 KW	6900 lbs (3140 kgs)
60 x 120 (in) 152 x 304 (cm)	270 x 72 x 52 (in) 685 x 183 x 132 (cm)	220 or 280/ 3 ph	28 KW	8000 lbs (3650 kgs)



Astex 165 Dual Tray Heat Transfer Press

[\[Low-priced remanufactured model also available\]](#)



The **165 Dual Tray Heat Press** features large electrically heated platen sizes to allow for full width strike-offs and large sheet printing of parts. Time, temperature and pressure settings are all adjustable and fully automatic.

Designed for rigid substrates

Floating heat design assures perfectly even pressure and temperature in all areas. The front load reciprocating tray loading system doubles productivity by allowing loading and unloading while printing cycle is underway.

Simplicity in design, with few moving parts, results in a virtually maintenance free machine.

HEAT PRESS INFO

Features:

- Electrically Heated Platen
- Solid State Timer
- Floating Head for Even Pressure
- Solid State Temperature Control
- Adjustable Pressure
- Reciprocating Trays for Loading

Options:

- Rigid Tray System for Rigid Substrates

Videos:

- [Astex 165 Heat Transfer Video](#)

SPECIFICATIONS

Model	Platen Size	Dimensions H x L x W (ft)	Amps	Air	Volt	Phase	Net Weight
165K1	36" x 60"	12.9' x 7.6' x 4.6'	35	125 PSI 8 arm	220	3	4100 lbs.
165K2	36" x 72"	12.9' x 8.6' x 4.6'	40				4600 lbs.
165M1	48" x 54"	10.6' x 7.2' x 4.6'	35				4500 lbs.
165M2	48" x 66"	10.6' x 8.2' x 4.6'	50				5300 lbs.

[\[View Spec Diagram\]](#)

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AIT Model 1550PA

Double Platen Heat Transfer Printing Press

**** IN STOCK AND READY TO SHIP ****



Double Platen Heat Printing Press activated by Foot Pedal.

The AIT 1550-PA is a fully automatic heat transfer printing press designed for maximum productivity with materials ranging from soft T-shirts to hard ceramic tiles.

The printing cycle is automatically activated by a foot pedal switch. The heated press head automatically moves into position, drops, and presses for pre-set dwell time.

The 1550-PA is our **most popular press** and has been successfully operating at hundreds of customer sites - ([ask for references](#)).

Operator movement is limited to loading and unloading operations thereby reducing fatigue and maximizing production.

Digital temperature and time controllers provide accurate control and ease of adjustment.

The anvil shape of the bottom platens allows ease in loading tubular goods and minimizes wrinkling.

The AIT 1550-PA is "Safety Certified" and will meet or exceed worldwide safety and efficiency standards.



[Heat Transfer Video](#)

Standard equipment includes a head safety device, and swing-away head. Heat Press is engineered with quick disconnect design for quick changing of platens.

HEAT CONTROL: The AIT 1550PA also includes the Mica Heat Matte that is engineered with 30 years of experience in heat control of platen type presses. In the case of platen machine there are some basic certainties:



Heat Transfer on T-shirt

Heat is Dynamic. The edges of the platen always lose heat faster than the center. The 1550PA compensates for this with higher wattage elements around the perimeter.

Heat Transfer is most efficient with contact. The Mica Matte has 100% contact with the heated plate. The others have much less contact with the plate which translates to a much slower reaction time.



Mica Heat Matte

PRODUCTIVITY

The 1550PA is faster. A foot switch activates the cycle to move the head from one side to the other and automatically brings the head down to start the pressing cycle.



A head safety is provided. Competitive machines require the operator to manually push a tray under the head. The operator must then depress two buttons and hold the buttons until the head makes contact.

BONUS FEATURES

- The anvil style bottom plate allows the tube of the garment over and allows single ply pressing. Many

View [picture of 1550PA](#) with specialized platen for sublimating on tote bags.

competitive machines to not allow this.



Multiple Platen sizes are available

- The 1550 has a quick change feature that allows both the top plate and the bottom plate to be changed in 5 minutes or less. Many of our customers have multiple head sizes for different applications including

sublimating onto gym bags, backpacks, etc.

HEAT PRESS INFO

Features:

- Digital Temperature Control
- Digital Timer
- Adjustable Pneumatic Pressure
- Foot Pedal Controlled Automatic Head and Cycle Activation
- Hand Safety Device
- Quality Assurance System
- Ideal for rigid substrates when equipped with optional double heating system

- Interchangeable Head System

Options:

- Interchangeable Platens from sizes 4" x 4" to 20" x 24"
- Steel Stand
- Laser Light Positioning System
- Double Heating System

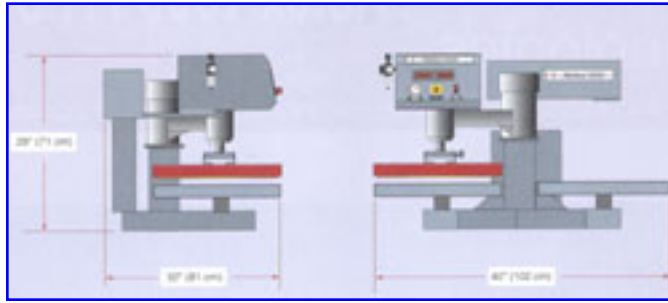
Videos

- [Video demonstration of 1550PA](#)

SPECIFICATIONS

Model	Platen Size	Amps Draw @ 220/1/60	Pressure	Net Weight
1550-PA	15.5" X 19.5" 400mm x 500mm	12 amps	21 psi 1.5 kg/cm	360 lbs 163 kg

AIT Model 1550-PA
Dimension Layout



[\[Click picture for high resolution picture\]](#)

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AIT Model 1350PM

Table Top Platen Heat Transfer Printing Machine

The AIT Model 1350-PM Table Top Platen Heat Transfer Printing Machine is engineered for high pressure productivity with a wide range of substrates including soft t-shirts to hard ceramic tiles.

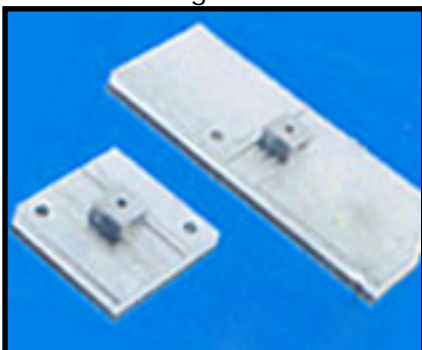
Standard features include, 16" x 20" platen size, swing-away heated platen for easy on-and-off loading, and pneumatic pressure system which provides accurate pressure of up to 22psi.

This model also includes digital time and temperature regulation. Bottom platen is interchangeable to accommodate smaller plate sizes from **4" x 4" to 16" x 20"**.

Swing away manual version also available.



Fig 1.0



Sample of other interchangeable platens available

Fig 1.1



Cap Attachment

HEAT PRESS INFO

Features:

- Air operated to generate 22psi across the entire surface of the 16" x 20" platen
- Results are precise registration of small text and deep penetration of ink into rigid substrates
- Unique grid-design layout of elements provides consistent temperature control

- Eliminates hot and cold spots that can occur with cowl rod design
- Digital temperature control with precise settings to 0.1 degrees
- Digital countdown timer accurate to 0.1 seconds

Options:

- Interchangeable platens
- Cap Accessory
- Laser Light Positioning System

SPECIFICATIONS

Model	Platen Size	Machine Width	Machine Length	Machine Height	Electrical	Weight
1350-PM	16"x20" 40cm x50cm	23" 58.4cm	29" 73.6cm	26 1/2" 67.3cm	220/1/60 10amps	90 kilos

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Astex Model 1550-PLC

PLC Controlled Double Platen Heat Transfer Press

Like its counterpart the **Astex 1550-PA**, the **Astex 1550-PLC** is a fully automatic heat transfer printing press. The 1550-PLC has the additional benefit of a Programmable Logic Controller (PLC). This special-purpose computer is designed for reliable heat press control.

This heat press is designed for maximum productivity with materials ranging from soft T-shirts to hard ceramic tiles.

The printing cycle is automatically activated by a foot pedal switch. The heated press head automatically moves into position, drops, and presses for pre-set dwell time.

The #1550PLC can be programmed to operate automatically so that the operator does not have to hit the foot pedal after each cycle. The



Double Platen Heat Printing Press with PLC

Larger Press Model #1550PAB available with 20" X 24" platen and all the same features as the #1550PLC."

operator hits the foot pedal once to start the cycle and the machine works automatically from then on with the operator loading and unloading each side. The unit can also be programmed for the same or different dwell times on each side

Operator movement is limited to loading and unloading operations thereby reducing fatigue and maximizing production.

Digital temperature and time controllers provide accurate control and ease of adjustment.

The anvil shape of the bottom platens allows ease in loading tubular goods and minimizes wrinkling.

The Astex 1550-PLC is "Safety Certified" and will meet or exceed worldwide safety and efficiency standards.



[Heat Transfer Video](#)



Heat Transfer on T-shirt

Standard equipment includes a head safety device, and swing-away head. Heat Press is engineered with quick disconnect design for quick changing of platens.

HEAT PRESS INFO

Features:

- Digital Temperature Control
- Digital Timer
- Adjustable Pneumatic Pressure
- Foot Pedal Controlled Automatic Head and Cycle Activation
- Hand Safety Device
- Quality Assurance System
- Programmable Logic Controller

- Interchangeable Head System

Options:

- Interchangeable Platens from sizes 4" x 4" to 20" x 24"
- Steel Stand
- Laser Light Positioning System
- Double Heating System

Videos

- [Video demonstration of 1550PA](#)

SPECIFICATIONS

Model	Platen Size	Amps Draw @ 220/1/60	Pressure	Net Weight
1550-PLC	15.5" X 19.5" 400mm x 500mm	12 amps	21 psi 1.5 kg/cm	260 lbs 116 kg
1550-PAB	20" x 24" 508mm x 609mm	12 amps	21 psi 1.5 kg/cm	260 lbs 116 kg

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Astex US2000 Ultrasonic Welder

For Welding bosses and imitation stones

The stylus can be easily positioned to set and weld imitation stones and bosses on all kinds of woven and knit fabrics.

Stones are selected and held in place by a vacuum in the stylus. Electronic control of time and frequency of the ultrasonic burst are adjustable.

The unit includes one stylus which will accommodate the three smallest stone sizes. Additional stylus sizes are available for larger stones.



UltraSonic Welder

Related Products

- [Heat Transfer Presses](#)
- [Fusing Machines](#)

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Astex Model 1211PA

Pneumatically Operated Heat Press



The A.I.T. **1211PA** is a Pneumatically operated heat press especially suited for the automatic application of small transfers (flock, flex, thermosplastic and formatex).

Features include foot pedal operation and an automatic safety device. The magazine style label feed system can be easily changed to accommodate various sizes of labels or transfers between 1" x 1" to 4" x 4" (25 x 25 mm and 100 x 100 mm)

Related Products

1224PA featuring a roll-to-roll operation

HEAT PRESS INFO

Platen Size:	4" x 4"
Voltage:	220V/1 PH/5 Amps
Temperature:	0-450F
Applied Force:	0 - 12 PSI
Net Weight:	165 lbs.

SPECIFICATIONS

Model:	1211PA
Platen Size	4" x 4"
Voltage	220V/1PH/5 AMPS
Temperature	0 - 450F
Applied Force	0 - 12 PSI
Net Weight	165 lbs



Astex Model 1224PA

Heat Seal Label Press



Especially suited for automatic application of roll transfers, the A.I.T **1224PA Automatic Heat Seal Label Press** is a pneumatically operated heat press. The heat press includes foot pedal operation and automatic positioning of transfers by an infra-red photocell. (See **figure 1.0**)

Features include a digital time control, independent top and bottom temperature controls and a head safety device. The heat press is equipped with a low pressure regulation system for sensitive materials including leather, gold, and plastic. (Minimum of 1.5 PSI).

Suited for Automatic Application of Roll transfers

Platen Size: (1224PA)	6" x 6"
Platen Size: (1225PA)	10" x 10"
Voltage:	220V/1 PH/10 Amps
Temperature:	140-575 F
Applied Force:	0 - 12 PSI

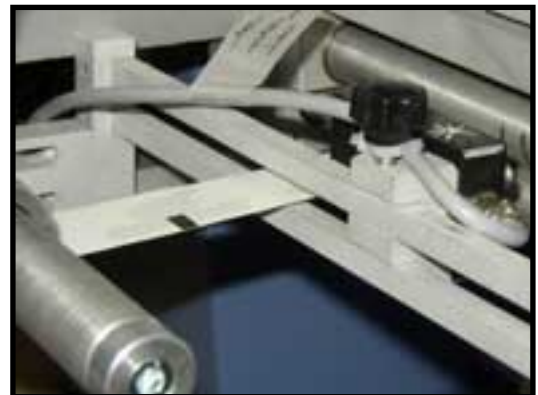


Fig 1.0: Automatic Positioning of transfer by infra-red photocell

The 1224PA Heat Press can operate in three modes:

1. **Fully Automatic Mode** - In this mode each transfer is automatically positioned under the platen by an infra-red photocell. The dwell time is controlled by a digital timer. At the end of the preset dwell time, the platen raises and the next transfer is automatically indexed into position.
2. **Semi-Automatic Mode** - This flavor of operation has a delay which allows the operator to adjust exact placement of the garment and/or transfer before the heated platen is fully engaged. The operator controls the activation of the platen using the foot pedal.
3. **Manual Feed** - Each transfer is manual placed in position - this options allows production of small lots with individual cut transfers.



Fig 1.1: Custom Die Sizes

The feed system supports various transfer sizes from 3/4" x 3/4" to 9-3/4" x 9-3/4". The bottom platen easily accomodates irregular shaped objects including tote bags and backpacks. Also check out our [1550-PA heat press](#) which includes a custom platen that we created for one of our customers who was using the press for sublimation on tote bags.

Related Products

[Total Solutions](#) - Dye Sublimation Printing Package

SPECIFICATIONS

Model	Platen Size	Dimensions	Voltage	Temperature	Applied Force	Air	Net Weight
1224PA	6"x6"	30" x 21" x 31"	220V/1 PH/10 AMPS	140° - 575° F	0 - 12 PSI	90 PSI / 1 CFM	200 lbs
1225PA	10" x 10"	30" x 21" x 31"	220V/1 PH/10 AMPS	140° - 575° F	0 - 12 PSI	90 PSI / 1 CFM	200 lbs

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Astex Model 1210P

Heat Seal Label Press

(Foot Pedal Operated)

Ideal for:

- PVC Labels for clothes
- Imitation Leather Labels for jeans



Heat Seal Press with Foot Pedal

Pneumatic heat press (foot pedal operation with air compressor) specifically designed for application of imitation leather labels on jeans and leather, and PVC labels on work and hospital clothes.

Includes laser light positioning system independent top and bottom heat controls. Includes operation by foot pedal with head safety device.

Also available in automatic version(no foot pedal) with two bottom platens and swinging head. Automatic version is button operated with an air compressor.

Platen Size: (1210P)	6" x 6"
Platen Size: (1225PA)	10" x 10"
Voltage:	220V/1 PH/5 Amps
Temperature:	140-575 F
Applied Force:	0 - 12 PSI



Custom Dye Sizes

Related Products

- **1224PA** - Automatic version of Heat Seal Press
- **Total Solutions** - Dye Sublimation Printing Package

Dimension	30"x21"x31"
Weight (lbs)	200
Voltage:	220V/1 PH/10 Amps
Air	90 PSI / 1 CFM

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AIT Model 1220PM

Heat Seal Label Press

(Two Button Operation)

Ideal for:

- PVC Labels for clothes
- Imitation Leather Labels for jeans



Unlike its brother the [AIT Model 1210P](#), the **AIT Model 1220PM** is operated using a two button close/open system with an air compressor.

It is specifically designed for application of imitation leather labels on jeans and leather, and PVC labels on work and hospital clothes.

Includes laser light positioning system independent top and bottom heat controls. Includes operation by foot pedal with head safety device.

Heat Seal Press with two button close operation

Platen Size: (1220PM)	6" x 6"
Platen Size: (1225PA)	10" x 10"
Timer Range: (secs)	0 - 999.9
Temperature:	70 - 575 F
Applied Force:	22- 28 PSI



Custom Die Sizes

Related Products

- [1210P](#) - Foot Pedal Version of Heat Seal Press
- [Total Solutions](#) - Dye Sublimation Printing Package

Dimension	30"x21"x31"
Weight (lbs)	200
Voltage:	220V/1 PH/10 Amps
Air	90 PSI / 1 CFM
Power consumption	0.5 KW/H

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AIT Model 1215P

High Pressure Heat Press

(Pneumatic Foot Pedal Operation)

Ideal for:

- High Pressure Printing
- General purpose for all fabric types
- Imitation Leather on jeans, jackets or shirts



High Pressure Heat Press with Foot Pedal

The AIT 1120P is a pneumatic heat press with foot pedal operation. Particularly suited for applications requiring high printing pressure.

Includes electronic time and temperature controls and is suitable for all types of transfers and fabrics.

Model 1215DP includes autonomous heating for the bottom plate

Platen Size: (1210P)	6" x 6"
Power Consumption	0.5 KW/H
Voltage:	220V/1 PH/5 Amps
Temperature:	70-575 F
Applied Force:	22 - 28 PSI

Dimensions	
Weight (lbs)	85
Voltage:	220V/1 PH/10 Amps
Air	90 PSI / 1 CFM

Related Products

- [**1210P**](#) - Foot Pedal Version of Heat Seal Press (Pneumatic)
- [**1210PM**](#) - Push Button Version of Heat Seal Press (Pneumatic)
- [**Total Solutions**](#) - Dye Sublimation Printing Package

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Carousel Heat Transfer Printer

AIT CA1000

Ideal for t-shirts and small cut parts



Shown with 4 x 6 platen for special applications

The **CA1000** Heat Transfer Press features **4, 6 or 8** independent stations with separate control of time, temperature and pressure. Each press contains a bottom loading platform which indexes in and out of the heat zone for ease of loading and unloading.

The system is fitted with 16x20 platens making it **ideal for small cut parts and t-shirts**. (Other platen sizes are available)

The exclusive '*Mica Heat Matte*' assures quick recovery and consistent operating temperatures across the entire surface of the heated platen.

[Video Demonstration of 6 station Carousel](#) with t-shirt sized platens.

The *Mica Heat Matte* is superior to tubular cal rod heating elements found in low-end heat presses. The matte has 100% contact with the platen to eliminate hot and cold spots and maintain operating temperature within 1 to 2 degrees throughout continuous operation of the press.



Heat Press equipped with t-shirt sized platens

Unique air diaphragm pressure system generates an applied force of 22psi across the entire 16" x 20" platen.

This high pressure system provides precise registration of small text and deep penetration of ink into rigid substrates.



Close up of 6 station Heat Press

8,000 t-shirts a day.

Reported Production with 3 operators



HEAT PRESS INFO

Features:

- 16" x 20" standard heated platen. Other sizes available.
- Unique air diaphragm pressure system generates an applied force of 22psi across the entire 16" x 20" platen.
- All functions are controlled by PLC
- Temperature range is 0° - 400°F
- Bottom loading platform indexes in/out of the heat zone for ease of on loading and off loading.
- Each station complete with electronic safety device.
- Digital time and temperature controls with precise settings to 0.1 degrees/seconds.
- 'Mica Heat Matte' assures quick recovery and consistent operating temperatures across the entire surface of the heated platen.
- 4,6,8 independent stations with separate control of time, temperature, and pressure.
- Each station complete with electronic safety device
- 220V / 3 Phase / 41 Amps

- CA1000 - [Heat Transfer of T-shirts](#)
- CA1000 - [Heat Transfer of Labels on sportswear](#)

SPECIFICATIONS

Model	Number of Stations	Platen Size	Max Applied Force	Electrical	Weight
CA1000	4, 6 or 8	16"x20" 40cm x50cm	90 PSI Input / 22 PSI	220/3/60 45amps	2200 lbs (998 kgs)

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Metalnox Model ELI-600

Swing Away Heat Press with Interchangeable Platens



ELI -600 Swing Away Manual Press

The Metalnox ELI-600 is a cost-effective manual swing-away heat press that maintains a high level of quality combined with technology. The ELI-600 is equipped with a standard 16"x20" platen, supports interchangeable platens and is equipped with digital temperature/timer controls.

The interchangeable platens allow for a wide variety of heat press applications for short-run production jobs. Customers have found this machine effective in applications including kids T-shirts, gym bags, tote bags, zipper bags, backpacks, mouse pads and more.

The heat press frame, cast in aluminium, is lightweight, durable and is easily transportable. See [demonstration video](#) which illustrates how quick and easy it is to [change the heat press platen](#).

Move Mouse Over Image to See Preview on the Left



FEATURES

- Standard 16"x20" with option to Interchangeable Platens
- Digital Temperature and timer controls
- Economical model for low production environments
- Ideal for T-shirts, gym, tote bags, zipper bags and backpack
- Cast Aluminium Frame

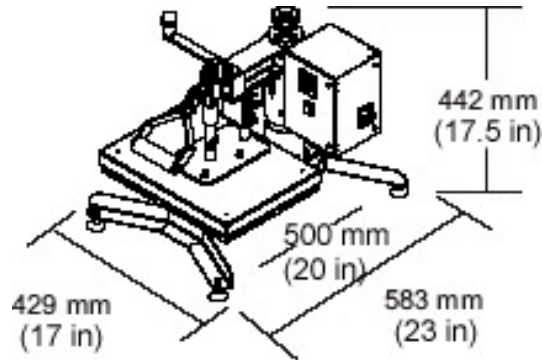
- Also available **without** interchangeable platens - [Model EL-600](#)
- Available in standard 120V or 220V via special order.



Close up 16" x 20" Platen

SPECIFICATIONS

Model	Platen Size	Voltage	Temperature	Amperage (A)	Net Weight
ELI-600 (120V)	16" x 20"	120V	0 - 450 F	13.8	120 lbs (54 kg)
ELI-600 (220V -Special order)	16" x 20"	220V	0 - 450 F	10.0	120 lbs (54 kg)



#ELI -600 Heat Press Dimensions

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AIT 1238 & 1250

Electromagnetically Operated Heat Transfer System



The AIT 1238 and AIT 1250 are equipped with an electromagnetic pressure system which automatically closes and opens without operator intervention. This unique system helps reduce operator fatigue.

Both machines are equipped with the Astex Mica Heat Matte and digital time and temperature controls.

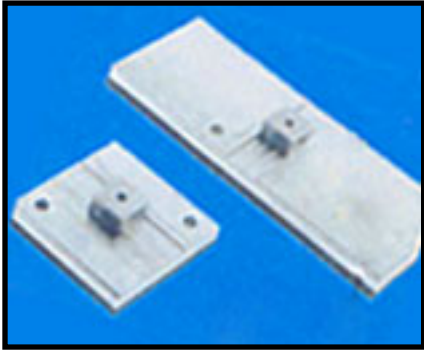
Two Platen Sizes:

AIT 1238 - 15 x 15

AIT 1250 - 16 x 20

Top and bottom platen is interchangeable to accommodate smaller platen sizes. (See Fig 1.1) Optional platen sizes include 4"x 4" and 16" x 20". A cap printing accessory is also available. (See Fig 1.0)

Fig 1.0



Sample of other interchangeable platens available

Fig 1.1



Cap Attachment

HEAT PRESS INFO

Features:

- 15" x 15" Platen Size - AIT 1238
- 16" x 20" Platen Size - AIT 1250
- Electromagnetic pressure system
- Provides accurate pressure up to 600 g/cm²

- Interchangeable platens
- Digital time and temperature regulation
- Quality Assurance System
- Head automatically opens after the timer cycles out
- Head automatically opens after the timer cycles out

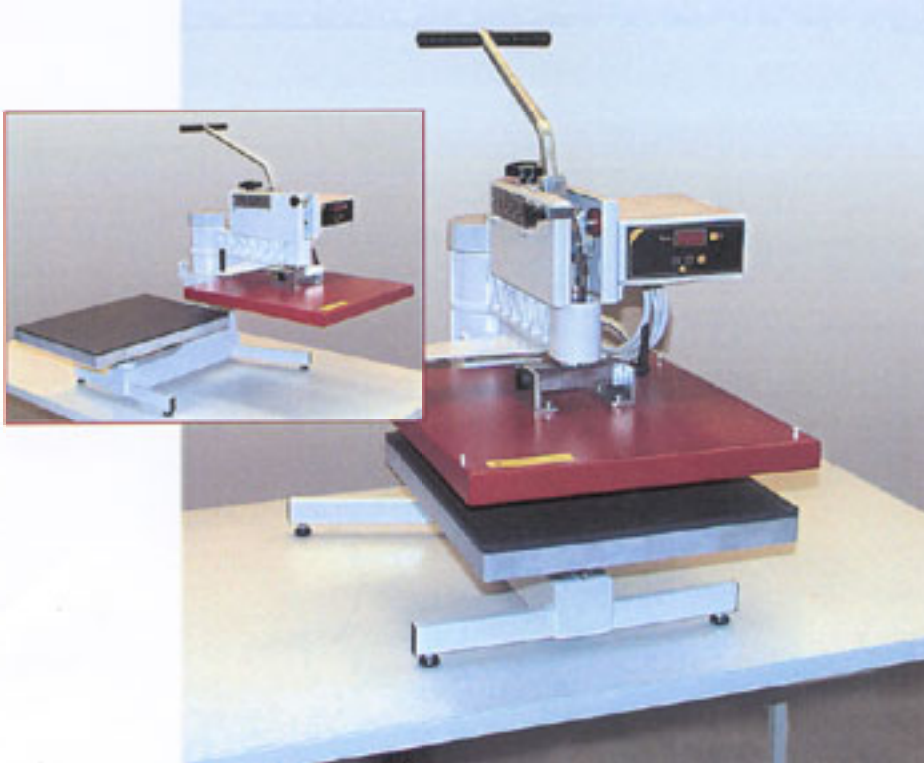
Options:

- Optional 16" x 20" Platen
- Cap Printing Accessory

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Astex 1350M

Manual Swing-Away Table Top Heat Transfer Printer



The Astex Model 1350M is a manual swing-away table top platen transfer printing press with interchangeable platens from 4"x4" to 16" x 20".

Standard features include, 16" x 20" platen size, swing away heated platen for easy on and off loading, manual mechanical advantage pressure systems that requires no compressed air yet provides accurate pressure of up to 600 g/cm² (8.5 PSI) across the entire platen surface.

Also available with platen sizes from 4"x4" to 16" x 20"

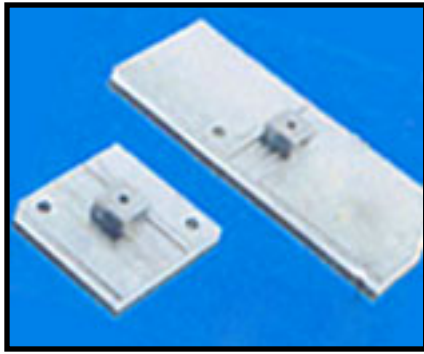
Digital time and temperature controls are standard. Top and bottom platen is interchangeable to accommodate smaller platen sizes. (See Fig 1.1)

Also available in [pneumatic version](#). A cap printing accessory is also available. (See Fig 1.0)

Fig 1.0

Features:

- 16" x 20" Platen Size
- Swing away heated platen
- Manual mechanical advantage pressure system
- Provides accurate pressure up to 600 g/cm²
- Interchangeable bottom platen
- Also available in pneumatic version.
- Digital time and temperature regulation
- Quality Assurance System



Sample of other interchangeable platens available

Fig 1.1



Cap Attachment

Related Products

- [Metalnox EL-600 Manual Swing Away](#)
- [Metalnox ELI-600 Manual Swing Away \(Interchangeable Platens\)](#)

SPECIFICATIONS

Model #	Platen Sizes	AMP Draw @ 220/1/60	Max Pressure
1350M	15" x 19" 40cm x 50cm (Custom sizes available)	11 Amps/ 6 KW	600 g/cm ² 8.5PSI

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AIT GFO Series

Grand Format Heat Press with Oil Heated Drum

Up to 126" Dye-Sublimation Printing



Roll to Roll Fabric Printing ideal for Home Furnishing and wide width banners.

The GFO Series Rotary transfer system fills a void in the AIT Heat Press line by providing grand format printing up to 126" (3.2m) that is well suited for dye sublimation runs.

The heat press includes a number of standard features that are not available or sold as options on competitive presses. The system is targeted for large format printers including those in the home furnishing industry (curtains, drapes, etc) and wide-width dye sub banner printers.

The machine is equipped with light weight air shafts on all six of its unwinds and rewinds. Additionally, safety chucks are included on all unwinds and rewinds to quickly and safely secure all air shafts. Each rewind includes a pneumatic clutch and speed control for tension control. This added feature of independent speed control gives much more adjustment of the tension than does the clutch alone.

The press is equipped with an oil heated drum which ensures even heat distribution across the full width of the drum. The oil heated drum electric heaters are outside the oil - allowing for easy replacement if necessary. There is no "oil reservoir" or expensive commutator that can develop oil leaks over time.

Upon receipt of the machine – Lifting bolts atop allow the machine to be safely removed from the enclosed crate.

Start-up of production – Three super-lite air shafts allow one person to pick up and position the transfer paper, fabric and blotting tissue (when required). The transfer paper is located directly above the entrance into the machine, allowing gravity to help feed straight and evenly. Unwind tension is adjustable with pneumatic tension control.

The fabric is pulled straight up and through an "S" wrap bar that applies additional tension to the fabric. From the "S" wrap, the fabric travels over an adjustable roller to ensure a straight path into the entrance of the machine.

Rewinding of transfer paper and the printed fabric – Most importantly, the paper and fabric are separated immediately upon exit from the machine and transported to the rear of the machine for easy access to the materials and their corresponding rewinds. Air shafts are used to support the rolls, but the mounts are designed for one person to be able to both remove finished rolls and drop in empty shafts and cores. A pneumatic clutch and individual speed controls are used to control tension.

The GFO series is CE certified which guarantees it to meet or exceed safety standards throughout the world.

HEAT PRESS INFO

Features:

- High Speed Production (3.5 ft/min at 40 second dwell time)
- Variable speed control
- Adjustable belt tension
- Super-lite air shafts-all 6 unwinds & rewinds

- Electro-pneumatic belt steering system
- Automatic cool-down timer
- Safety bar & reversing control
- Oil heated Drum w/2 zone control

Options:

- Roll up loading table

SPECIFICATIONS

Model	Print Size	Dimensions H x L x W (ft)	Drum	Amps	Air	Electrical	Net Weight
GFO104	98 " (2.4m)	139x55x71 353X138X180 cm	13" Dia 33cm (Oil heated)	55	Yes	220V-3PH- 60HZ	4200lbs 1890 kg
GFO126	120" (3.0m)	161x55x71 403x138x180 cm		60			5500 lbs 2500 kg

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Astex Model 7400

Continuous Roll-to-Roll Rotary Heat Transfer Printing Machine

- Complete Roll-to-Roll Coverage - Ghost Free Printing -
- High Production - Low Maintenance -



The Astex 7400 Hi Speed printer is equipped with efficient unroll and re-roll handling systems for both fabric and paper. Separate blotting tissue handling controls dye contamination.

In order to enable consistent high-quality printing, the Astex 7400 is equipped with three PD Digital Heat Controllers for exact temperature regulation. Drum diameter is 24" (60 cm).

The zone controllers have the following features:

1. Digital temperature display for actual and set temperatures
2. Set point temperature indicator
3. Alarming signal if temperature varies above or below set point
4. Fail-safe thermocouple monitor

HEAT PRESS INFO

Features:	Options:
<ul style="list-style-type: none"> • 24" (61 cm) diameter fixed heat drum • 3 Zone Solid State Temperature Control • Adjustable tension controls for Unwind and Rewind Devices • Variable Speed Control • Automatic Cool Down Time • Easy Access On/Off Belt • Long belt life with Safety Shut-off Devices • Digital Heat Controllers 	<ul style="list-style-type: none"> • Status Indicator • Anti-Static Device • Microprocessor Control • Adjustable Air Operated Clutches on Unwinds/Rewinds

SPECIFICATIONS

Model	Belt Width	Machine Width	Machine Length	Machine Height	Print width	Amps Draw @ 220V/3ph	Electrical	Belt Speed @ 20 sec. Dwell	Net Weight
7460	65 in. (162 cm)	94 in. (235 cm)	127 in. (318 cm)	54.5 in. (138 cm)	60 in. (150 cm)	125	220/3/60	14 FPM 4.5 m/m	6,000 lbs 2,725 kg
7472	77 in. (190 cm)	106 in. (265 cm)	127 in. (318 cm)	54.5 in. (138 cm)	72" (180 cm)	135	220/3/60	14 FPM 4.5 m/m	6,500 lbs 2,950 lbs

Printing Width : 60" & 72" (150 & 180 cm)

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Astex Model 7500CE

Dual Mode Rotary Heat Transfer Printing Machine

[[Low-priced remanufactured model also available](#)]

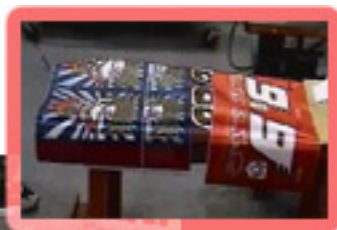


Ideal for **Quick Response** manufacturing.

Perfect machine for **Inkjet Paper**, **Rotogravure** and **Electrostatically** printed paper.

The Astex 7500CE is a dual mode heat press available with a roll-to-roll option or standard sheet fed for individual heat transfer parts. It is the ideal machine for rotogravure and electrostatically printed paper and dye-sublimation printing. See our demonstration video for examples ([Video 1](#), [Video 2](#)).

Even temperature distribution is maintained across the width of the heated drum with three zone heat control.



The large 24" diameter drum assures high production capabilities.



The continuous belt feed system permits any length of printed fabric. The machine is equipped with a paper separation system. This system automatically separates the transfer paper from the printed part which exits on a transport conveyor to the back of the machine. The air stripping device separates the part and paper cleanly which

[Video Demonstration](#)

prevents "ghosting".

An automatic blotting tissue system prevents dye contamination caused from over printing.

HEAT PRESS INFO

Features:

- 24" (61 cm) diameter heated rum
- Three Zone Temperature Controls
- Digital Heat Controllers
- Quick release system for unwind and rewind shafts
- Teflon input conveyor
- Exit cooling conveyor
- Variable speed control
- Automatic cool down timer
- Adjustable tension controls on [unwinds/rewinds](#)
- Automatic paper strip-off
- Adjustable air operated clutches on unwinds & Rewinds.

Options:

- Digital Measure Indicator
- Unwind/Rewinds for roll-to-roll printing
- Anti-Static Device
- Indicators for System status

Videos:

- [Astex 7500 Introduction Video](#)
- [Demonstration of Astex 7572](#)
- [Demonstration of Astex 7536](#)

SPECIFICATIONS

Model	Print Width	Machine Width	Machine Length	Machine Height	Belt Width	Belt Speed	Amps Draw @ 220V/3ph	Net Weight
7536	36"	70 in. (178 cm)	127 in. (318 cm)	54.5 (138 cm)	41 in. (104 cm)	5 yd./min (4.5m/m)	85	3200 lbs (1452 kgs)
7548	48"	82 in. (205 cm)	"	"	53 in. (133 cm)	"	105	3500 lbs (1588 kgs)
7560	60"	94 in. (235 cm)	"	"	65 in. (162 cm)	"	125	3750 lbs (1701 kgs)
7572	72"	106 in. (265 cm)	"	"	77 in. (190 cm)	"	135	4000 lbs (1814 kgs)

Printing Width : 36", 48", 60" & 72"(90, 120, 150 & 180 cm)

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Astex 7300IJ

Rotary Heat Transfer Printer



Specially engineered to meet the demands for ***Ink Jet Dye-Sublimation Transfer Technology.***

See video demonstration

The ***Astex Model 7300IJ*** series is specifically designed for the ever increasing demand for Ink Jet Dye-Sublimation Transfer Technology. Like its counterpart the [Astex 7900T Heat Press series](#), the 7300 features includes optional [rewind/unwind systems](#) for [roll-to-roll applications](#), and an optional feed tray for loading heat transfer parts.



This heat press does **not** require a compressed air unit. Its belt tracking system is electronically controlled, and the print widths are available in 72" and 60".

With a printing width up to 72", the 73600IJ is ideal for large format sublimation printing. Our [total solution dye sublimation package](#) has more information.

[View Demonstration Video](#)

HEAT PRESS INFO

Features:

- Digital Zoned Heat Control
- Digital Variable Speed Control
- Automatic Cool-Down Timer
- Specifically designed for Ink Jet Dye-Sublimation Transfer Technology.
- Printing speed up to 3 fpm.

Optional Equipment

- Input Table

Videos:

- [Astex 7360 Heat Transfer Video](#)

SPECIFICATIONS

Model	Print Width	Belt Width	Machine Depth	Machine Height	Machine Width	Belt Speed	Amps Draw @ 220/3/60	Net Weight
7360IJ	60"	63" (160 cm)	48" (104 cm)	56" (142 cm)	88" (223 cm)	3 ft/ min	45	2200 lbs 1000 kg
7372IJ	72"	75" (190 cm)	48" (122 cm)	56" (142 cm)	104" (265 cm)	3 ft/ min	54	2550 lbs 1150 kg

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Astex Model 7616

Continuous Narrow Web Rotary Heat Transfer Printing Machine



Designed for continuous printing of:

- Ribbons
- Heat Setting Elastic Bands
- Lanyards
- Small Format (Narrow Width) Roll-to-Roll Printing



The Astex 7616 Hi Speed printer is designed for multi-lane continuous printing of elastic bands, ribbon (see [demonstration video](#)), or small format roll-to-roll printing.



With speeds up to 5 yards/min, this heat transfer printer offers a high quality solution for "ghost-free" printing.

Exact temperature regulation, individual unroll guides and separate unroll/roll system for blotting tissue ensure high quality.

[View Heat Transfer Video](#)

The 7616 Heat Press has a print width of 13".

HEAT PRESS INFO

<p>Features:</p> <ul style="list-style-type: none"> • 24" (61 cm) diameter fixed heat drum • 3 Zone Solid State Temperature Control • Separate Transfer Paper Unwinds • Variable Speed Control • Automatic Cool Down Time • Easy Access On/Off Belt (15 min belt change) • Long belt life with Safety Shut-off Devices • Automatic Guide System for alignment of material • 13" Print Width 	<p>Options:</p> <ul style="list-style-type: none"> • Digital Dwell Time Indicator • Anti-Static Device • Ribbon separator with Drop Offs • Adjustable Air Operated Clutches on Unwinds/Rewinds <p>Videos:</p> <ul style="list-style-type: none"> • Heat Transfer 7616 Video Demonstration
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SPECIFICATIONS

Model	Print Width	Belt Width	Machine Width	Machine Length	Machine Height	Belt Speed	Amps Draw @ 220/3/60	Net Weight
7616	13"	16" (41 cm)	38" (97 cm)	46" (117 cm)	56" (142 cm)	10 YPM (9 m/m)	40	900 lbs 409 kg

Printing Width: 13"

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Astex Model 7900T

Rotary Heat Transfer Printer

[[Low-priced remanufactured model also available](#)]

Capture the image you want with the **Astex 7900T Rotary Heat Transfer Printing Machine**. The Astex 7900T will transfer images from Electrostatic Printed Transfer Paper or traditional Offset and Screen Printed Paper utilizing Sublimation Ink.

This press is ideal for printing of **snowboard decals, wake boards, banners, flags, large signage**, and a variety of other printed materials including **plastic** and **fabric**.

The Astex 7900T will transfer your image onto a wide variety of materials, producing high quality images up to 120 inches (152 cm) wide at operating speeds of 2 to 5 fpm (.6 to 1.5 m/m)

The Astex 7900T is available in three print widths - 60, 84 & 120" making it ideal for large format printing.



The 7900T is a Stand-alone unit with a Trim-line profile, mounted on casters for mobility.



It has fully integrated unwinds and rewinds and requires very little set-up time.

The material guiding systems have been enhanced to ensure trouble-free heat transfer printing.

[Dye Sublimation Printing Video](#)

HEAT PRESS INFO

Features:

- Digital Zoned Heat Control
- Digital Variable Speed Control
- Automatic Cool-Down Timer
- Fully Integrated Unwinds & Rewinds
- Casters for Mobility & Simple Setup
- Trim Line Profile, Floor-Standing Unit
- Enhanced Rollers and Belt Tracking System
- New Easy-Load Unwind Roll Goods Systems
- 12" Diameter Heated Drum
- 3-5 fpm Printing Speed

- Enhanced Material Guiding systems and Transfer System to Ensure Trouble-Free Heat Transfer Printing

Options:

- Optional Input Table

Videos:

- [Demonstration of the Astex 7900T](#)

SPECIFICATIONS

Model	Belt Width	Machine Length	Height	Print Width	Air	Amps Draw @		Net Weight
						208-220 3ph 50-60Hz	380 3ph 50Hz	
7960T	64" 162cm	98" 249cm	55 3/4" 142cm	60" 152cm	1 CFM @ 80 PSI	100 AMPS	60 AMPS	1600 lbs 726 kg
7984T				84"				
79120T				120"				

AIT/Astex Model 7240IJ

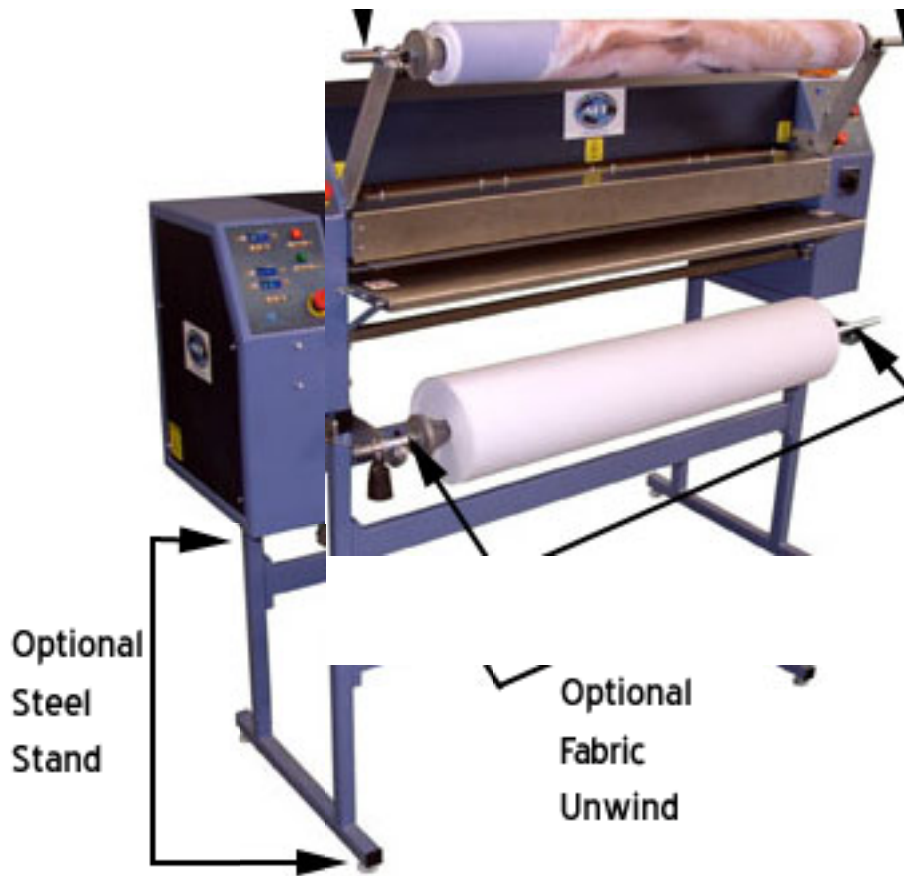
Table Top Fabric Heat Transfer Press



The **AIT/Astex 7240IJ** opens the door to Dye-Sub printed soft signage for all sign makers. Quality dye-sub printing of fabrics is now available at an affordable price. The 7240IJ is "Safety Certified" and meets or exceeds worldwide standards in safety and efficiency.

[7240IJ Video Demonstration Available](#)





Features include multi- zone heat control, 6" diameter drum, adjustable pressure and E-Z track belt guidance system. Printing width is up to 40" (1 meter) and endless in length. The 7240IJ requires 220V, 1 phase power. No air is required. Approximate size is 60" w x 18" d x 16" h.

HEAT PRESS INFO

Features:

- Multi-Zone Heat Control
- 6" Diameter Drum
- Adjustable Pressure
- E-Z Track Belt Guidance System
- Printing Width up to 40" (1 meter)
- Temperature Range up to 450 F
- No Compressed Air Required

Optional Equipment:

- Steel Stand
- Fabric Unwind
- Transfer Paper Unwind

Videos:

- [7240IJ Sublimation Heat Press Video](#)

SPECIFICATIONS

Model	Dimensions	Voltage	Printing Width	Temperature Range	Net Weight
7240IJ	69" x 18" x 16"	220V/1 PH/31 Amps 220V/3 PH/16 Amps	Up to 40" (1 mt)	0-450F	700 lbs.

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Accessories for Fusing & Heat Transfer Machines

Astex TBC-3 Belt Cleaner

Jesse J. Heap & Son recommends Flag Cleaning of Teflon Belts on conveyORIZED fusing machines with the Astex TBC-3 Cleaner for cleaning preventive maintenance.



Clean with TBC-3 two to three times a day (as required) during periods of non production. Place the flag on the input conveyor, lightly distribute TBC-3 powder on the middle portion of the flag and insert the flag into the heat chamber.

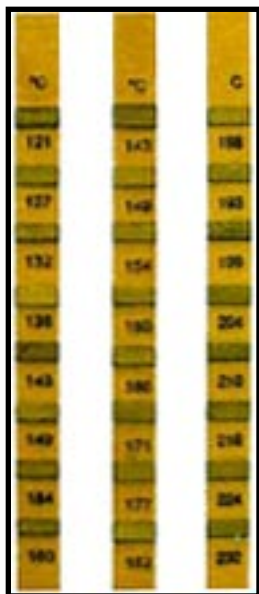
[Purchase belt cleaner online](#)

Frequently Asked Questions

- [What regular maintenance for my fusing system is recommended?](#)
- [What is a cleaning flag?](#)

The wooden dowel will engage sheet metal and cause the flag to drag against both top and bottom belts. After running for approximately 10 minutes, stop the machine, carefully withdraw the flag and restart the machine. Roll up and store flag until next usage.

Astex Temperature Strips



Jesse J. Heap & Son offers four types of Temperature Strips to be used for the belt temperature calibration and testing of fusing, laminating, and heat transfer machines. The strip is placed on the moving belt which enters the heat chamber. Pull the Temperature Strip off the belt as it exits the machine and lay down on a table.

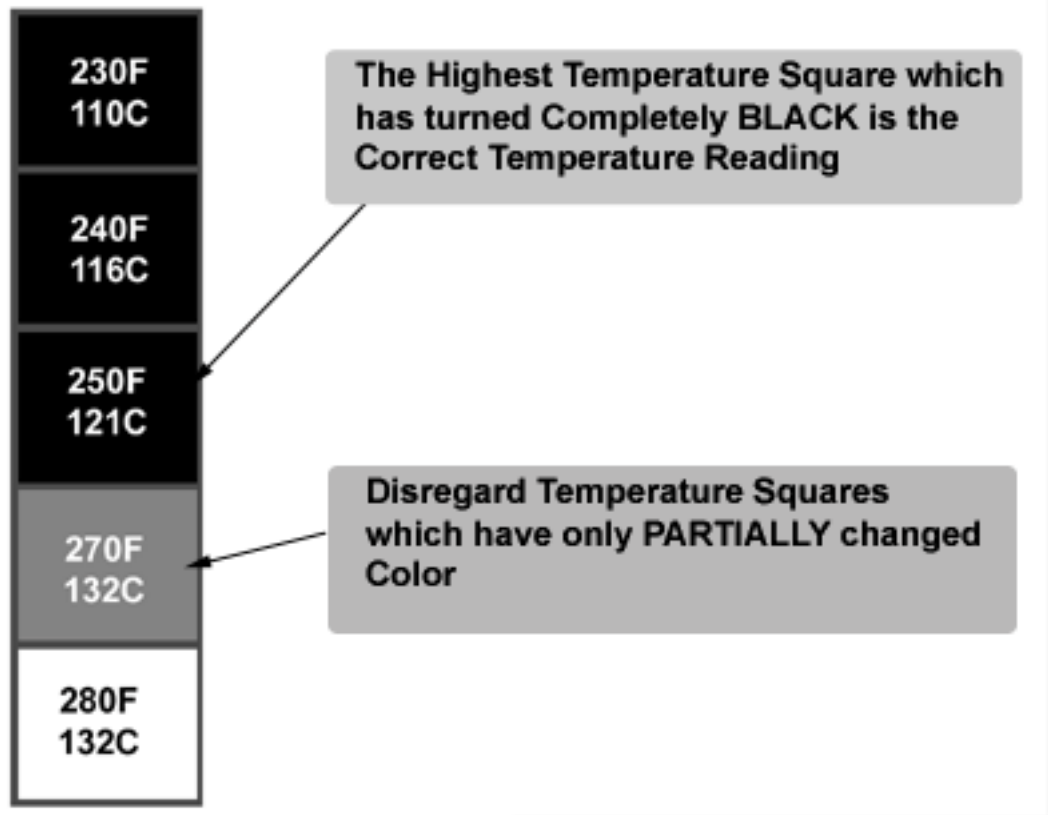
Range of Temperature Strips

Part #	Type	Temperature Range
001522	0	99-138C/210-280F
001523	I	121-160C/250-320F
001524	II	143-182C/290-360F
001525	II	188-232C/370-450F

How to Read Temperature Strips

To obtain an accurate reading of the printing temperature inside the heat press, place the temperature indicator strip face-down beneath a long swatch of fabric and feed into the printer.

Read the highest temperature recorded inside the machine. The temperature is indicated by the square which has turned completely black. Disregard any temperature squares which have only partially changed color.



The proper type of strip depends on the temperature range of the process you are performing.

- Fusing operations usually use Type I (250-320 degrees F)
- Heat Transfer printing usually calls for Type III (370 - 450 degrees F).

There are 8 temperature reading per strip.

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- Weld New Belts Together
- Patch Old Torn Belts



For Joining & Patching
Fusing Machines Belts

- **Ask** About our Welding Film and Welding Board
- Part # JH 031168



Digital Temperature Control

Frequently Asked Questions

- [What regular maintenance for my fusing system is recommended?](#)
- [What determines whether a fusing belt should be repaired or replaced?](#)



6" x 1" Welding Surface

Related Products

- [Ultrasonic Welder](#)
- [Heat Transfer Presses](#)
- [Fusing Machines](#)

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