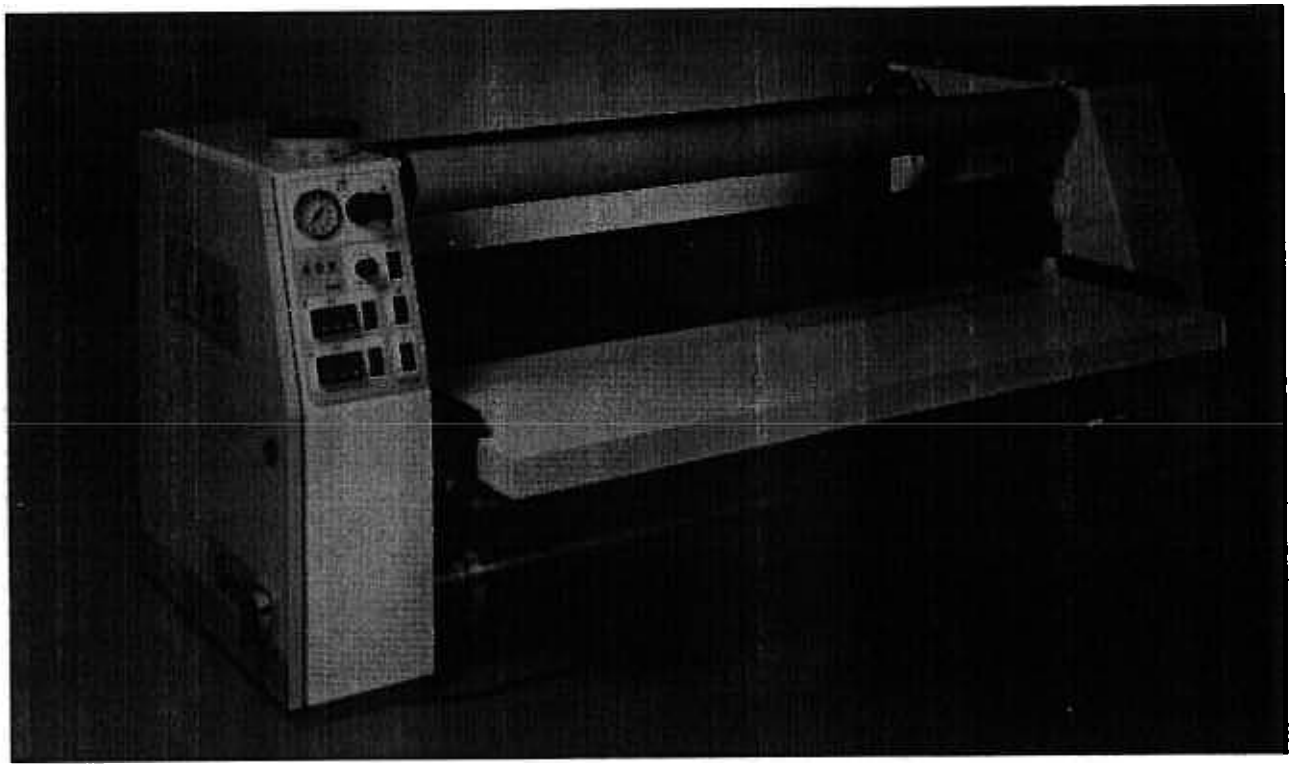
Image™ 400 Laminator



Owner's Manual

Please read the entire manual and fully understand the proper operating procedures before proceeding to use the laminator.

Seal®

Table of Contents

Introduction

Thank you for purchasing the **Image™ 400**, a machine designed to give you years of reliable service. The **Image™ 400** brings a new level of simplicity and ease-of-use to image finishing. Featuring full capabilities in a smartly styled compact package, the **Image™ 400** is designed to streamline production and minimize the amount of space needed.

The **Image™ 400** is able to mount and laminate the thin plotter paper essential to producing a finished piece of the highest quality. Its vacuum in-feed table keeps cut sheets flat and free of wrinkles. With two unwind stations for film, the **Image™ 400** allows for quick and easy setup and changeover.

Using This Manual

This manual includes discussions of laminating procedures along with diagrams. Together, the words and diagrams are meant to give comprehensive instructions on using your **Image™ 400** laminator.

Special Markings

WARNING: Please pay special attention to all passages marked this way. This information is vital to the proper use and maintenance of the laminator and to the safety of its users.

☞ Passages marked this way give information on the efficient use of the laminator.

Unique Features and Benefits of the Image™ 400

- **High-release silicone rollers** prevent adhesive build-up and make cleaning easy.
- **Electric heating and independent temperature controls** with digital displays for rapid heat-up and maximum accuracy.
- **Compact Design** takes up less space and allows the machine to be easily moved.

- **Pneumatic pressure adjustment** with a fine-tune control for a smooth, flat finish.
- **Dial-in roller height adjustment system** for fast and accurate roller nip setting.
- **Fan bank** for efficient film cooling and smooth output during encapsulating.
- **Pivoting, cantilevered supply shafts** for easy loading and webbing.
- **Front take-up station** for winding up release liner.

Moving Your Image™ 400

Your **Image™ 400** laminator must be lifted and carried to the place where it will be used. This should only be attempted with at least four people, one at each corner. If your laminator is still on its skid, you can move the laminator with a fork lift to put it near its place of use and then gently slide it off.

Connection to the Power Supply and Air Source

In the process of setting up your **Image™ 400**, you will need to connect your laminator to power and air supplies. The guidelines presented below should be followed.

The **Image™ 400** requires a 208-240 V, single phase, 30-amp, 50-60 hz power supply. A 20-foot length of electrical cable is provided with the laminator. Image Technologies also provides a 50 amp plug for machines sold in the US and Canada only.

A quick-connect coupler is used to hook the air line from the compressor to the laminator. This coupler is supplied with the laminator.

The **Image™ 400**'s compact design allows it to be moved from location to location. Image Technologies supplies air lines that are long enough so that the laminator can be moved easily.

Checking the Rollers

► **To check the vertical movement of the top roller:**

1. Push the roller control switch to the UP position. The roller should move up smoothly and evenly on both ends.
2. Turn the roller control switch to the DOWN position. As before, the roller should move smoothly and evenly.

Safety Features of the Image™ 400

The **Image™ 400** was designed to be the safest laminator on the market.

- **Photo-Electric Safety Eyes** - These prevent foreign objects from passing in between the rollers. The eyes are set for use at the factory and checked by the service representative.
- **Emergency Stop Buttons** - These buttons, located on both sides of the machine, shut down all power to the machine and raise the rollers. They should only be used in the case of an emergency. Once pressed, these buttons lock, and they must be turned clockwise to be reset. Thereafter, the main power switch must also be reset (turned off and then on again) and the UP-DOWN roller switch must be pressed UP to reset
- **Covered Foot Switch** - *Because the foot switch overrides the photo eyes, it can be used to give the user complete control when feeding a delicate image through the machine. (*This applies only to machines sold in the U.S.)
- **Buzzer for Photo-Electric Safety Eyes** - If an operator blocks a photo-electric eye while using the foot switch, a buzzer will sound to warn of proximity to the nip.
- **Locking Cabinets** - The cabinets which house the inner workings of the laminator include locks that maintenance or safety personnel can open only with the supplied keys.
- **Keyed Momentary Reversing Switch** - Only maintenance or safety personnel are authorized to use this switch. This switch should only be used in conjunction with the foot switch and only when the laminator is set to a slow speed (or a fuse will blow). If during webbing the laminate clogs or feeds through unevenly, this switch can be used to reverse the rollers and thus back the laminate out. Turn this switch and hold to use. **WARNING:** Keep hands clear of the rollers while using this switch.

Safety Instructions

- **Read Instructions** - All safety and operating instructions should be read before the machine is operated.
- **Heed Warnings** - All warnings on the machine and in this manual should be adhered to.
- **Follow Instructions** - All operating and use instructions should be followed.
- **Water and Moisture** - If the laminator is used near water or in an area of high humidity, a GFI breaker should be installed.
- **Power Sources** - The machine should be operated only with the type of power sources indicated in this manual.
- **Servicing** - Refer all servicing to an authorized service representative, reachable through Seal Products at (800) 257-7325. Servicing by any unauthorized technician voids the warranty.
- **Replacement Parts** - When replacement parts are required, the service technician must use replacement parts specified by Seal Products. Call (800) 257-7325.
- **Safety Check** - After completing any service or repairs to the machine, the service technician must perform safety checks to determine that the machine is in proper working order.
- **Use only enclosed-knife cutters around the machine and wear no loose garments while operating the machine.**

Operation Guidelines

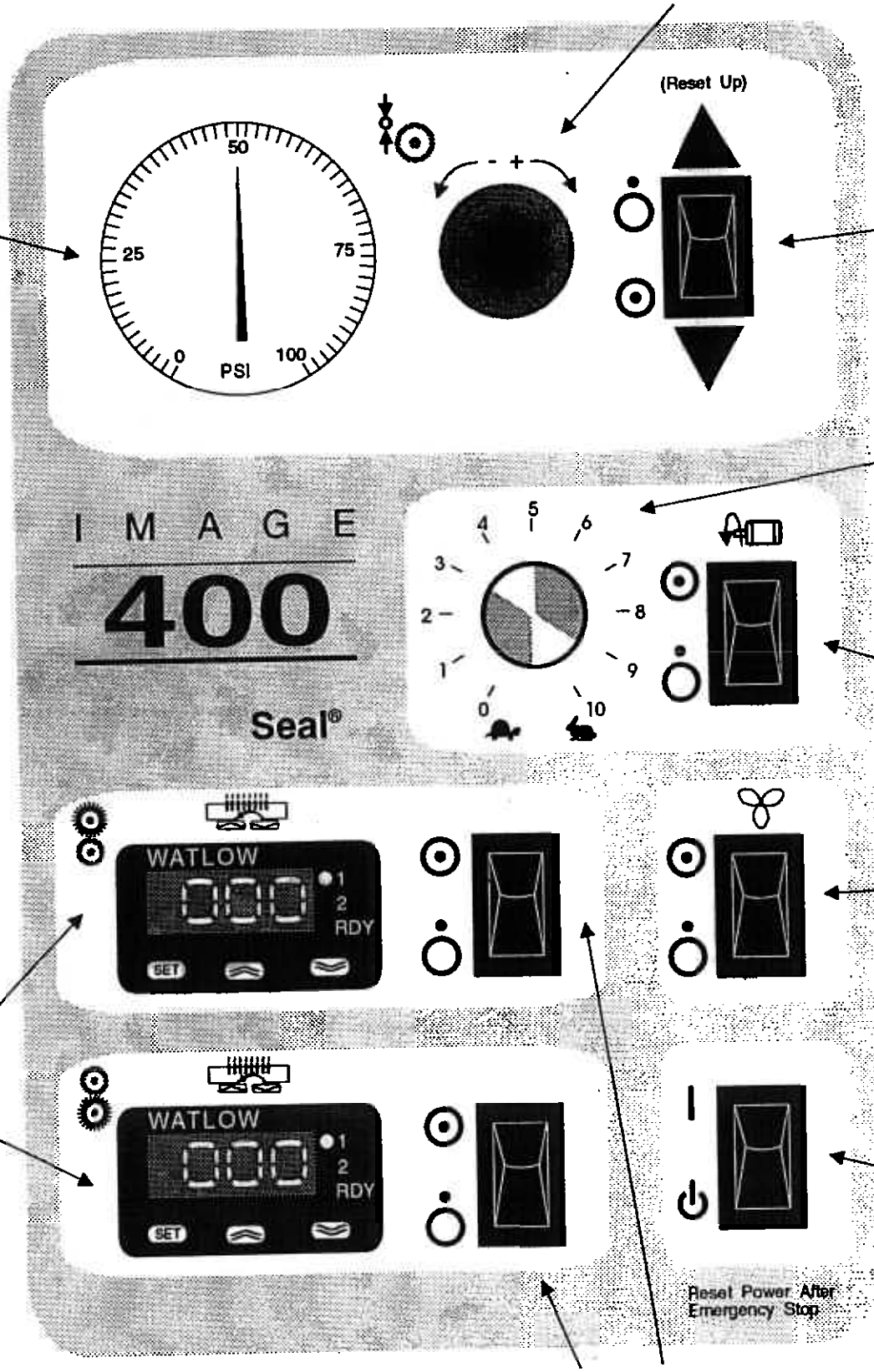
The **Image™ 400**'s greatest quality is its simplicity. With it, a skilled operator is able to mount and laminate quickly, even continuously.

☞ To produce the highest quality output, the **Image™ 400** should be used in the cleanest, most dust-free environment possible. Additionally, the laminator should have adequate space around it so that users can feed, receive, and trim finished images.

Safety is Important

Do not operate your laminator in areas of extreme humidity. Keep hair, jewelry and loose clothing away from the laminator during operation. **Always turn the laminator and the main power circuit breaker off before opening the side cabinets which house the inner workings of the laminator.**

Image™ 400 Control Panel Diagram



A regulator used to adjust the PSI of the top roller. Pull out knob and turn to adjust; push back in to set.

Indicates the PSI reading for the pressure of the top roller. The standard setting for normal operation is 50 PSI.

A switch which raise and lowers the top rol This switch must be re set after an emergency stop is hit.

Motor Controls - The knob used for a justing the speed of the machi

This switc turns the motor on and off.

Fans Switch - Turns the vacuum an cooling fan on and off

Top and Bottom Heater Controls - The switches turn on and off the respective heating elements. See the "Adjusting the Heater Control" section of this manual for specific information on the heater controls.

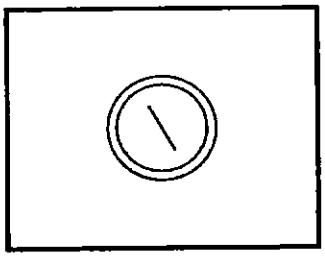
Main Pow Switch - Turns on a off the ma power. Aft an emerger stop is hit shut down machine, t emergency and then t switch mus reset (turne off and the again) befo power will restored.

Switches for the Top and Bottom Heater Controls - The up position ⏻ is ON, while the down position ⭘ is OFF.

Emergency Stop Buttons and Keyed Reversing Switch

Emergency Stop buttons are located on top of both sides of the machine. Pressing either of these buttons shuts down all power to the machine and raises the rollers. They should only be used in the case of an emergency. Once pressed, these buttons lock, and they must be turned clockwise to be reset. Thereafter, the main power switch must also be reset (turned off and then on again) and the UP-DOWN roller switch must be pressed UP to reset.

Image™ 400 Emergency Stop Button and Keyed Momentary Reversing Switch Diagram



Keyed Momentary Reversing Switch - Only maintenance or safety personnel are authorized to use this switch. This switch should only be used in conjunction with the foot switch and only when the laminator is set to a slow speed (or a fuse will blow). If during webbing the laminate clogs or feeds through unevenly, this switch can be used to reverse the rollers and thus back the laminate out. This switch can only be used while it is turned and held. WARNING: Keep hands clear of the rollers while using this switch.

Emergency Stop Button - When hit, this button shuts off all power to the laminator. Before power will be restored, this button must be rotated clockwise to be reset, the main power switch must be reset (turned off then on again), and the up-down roller switch must be reset.

Adjusting the Heater Control

Press ^ to increase the temperature set point and V to decrease.

☞ See the "Temperature Settings" section of this manual for information on temperatures used.

Image™ 400
Temperature Control Panel Diagram

Set Button -
When pushed, this button allows the display to show the temperature set point (and allows you to change the set point). Otherwise, the display shows the actual temperature.

Increase and Decrease Buttons -
Press the Set button in conjunction with these buttons to increase or decrease the temperature set point. A single touch changes the temperature by one degree, while holding the button down changes the temperature at a rapid rate.
WARNING: Do not increase the temperature to over 250 degrees.

Loading Rolls

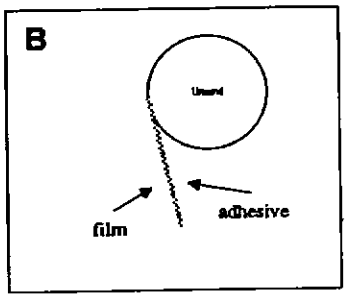
Within each section on each particular laminating/mounting procedure, loading the laminator with the appropriate materials is discussed. However, the web diagrams throughout the manual are particularly useful in this regard because they provide visual depictions of the correct way to load the laminator. Even if you feel you have loaded the laminator correctly given the directions you've read, it is important to check your results against the figures.

Film

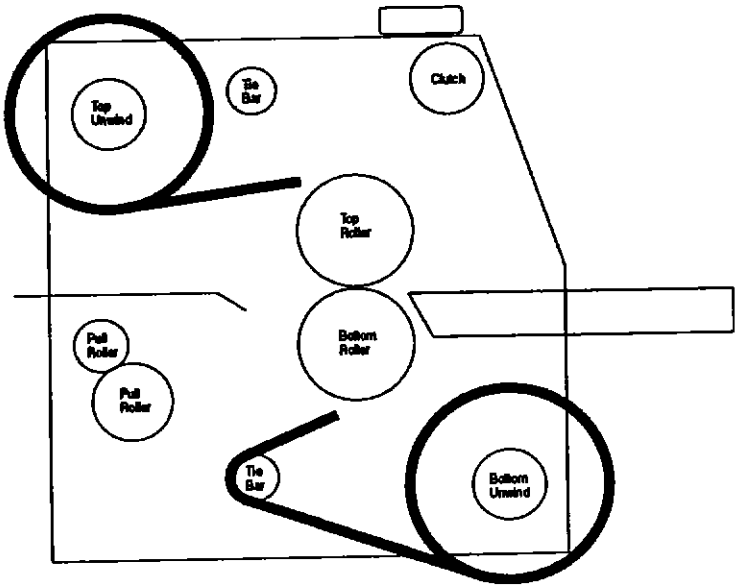
Seal encapsulating films are wound with the adhesive side on the inside, as in B below. The top and bottom unwind positions are to be loaded as shown in A below.

Image™ 400
Loading Diagram

B



A



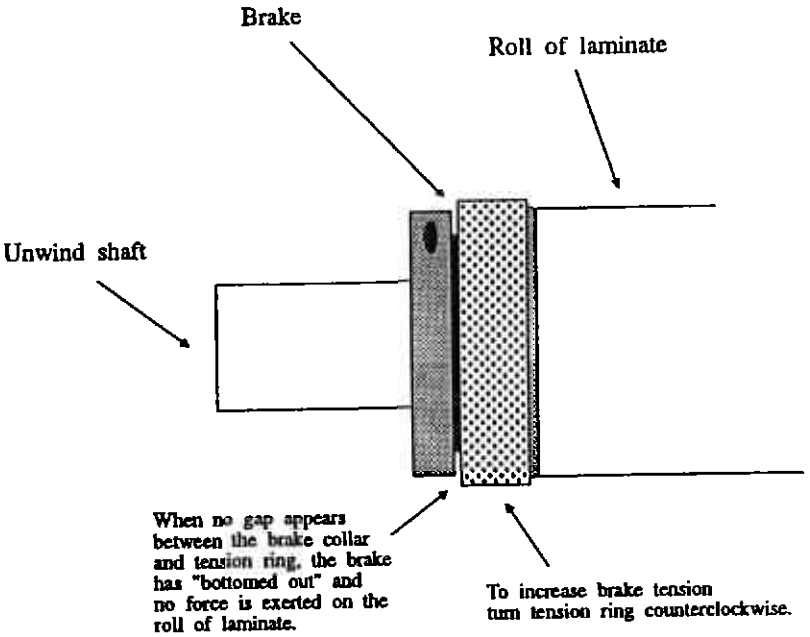
Setting Brakes

The act of loading rolls onto the laminator requires care as the materials must meet in such a way as to prevent wrinkling and other abnormalities. The smooth flow of the laminating film is affected greatly by the brakes.

► To set the brakes:

1. Center the rolls in relation to each other by measuring from the brake to the side panel of the laminator for both rolls and then adjusting so that both rolls match.
2. Tighten the rolls by adjusting the brake and putting on the aluminum collars to hold the rolls.
3. Set the appropriate tension. The brake should be set so that the material does not free spin on the shaft.

Image™ 400 Brake Diagram

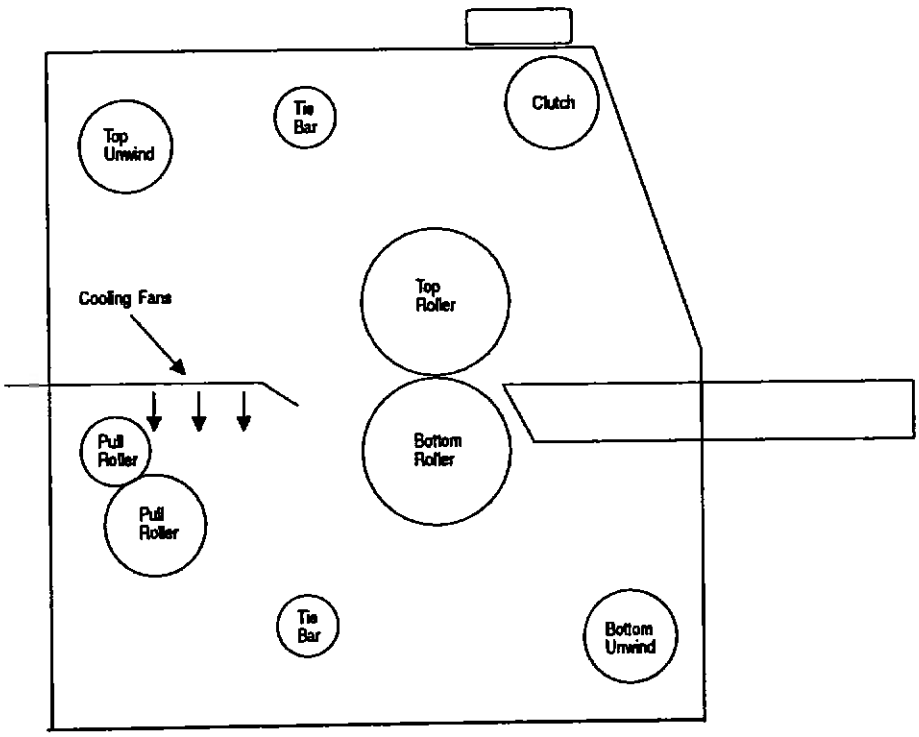


NOTE: When reloading rolls of laminate, reset the brake to 0 (bottomed out).

Cooling Fans

A bank of cooling fans is used to cool heat-activated encapsulated products. The fans are positioned at an angle to the web, and the direction of the air flow is as shown below. The fans are permanently bolted in position.

Image™ 400
Cooling Fans Diagram



Webbing Your Laminator

One of the most critical aspects of operating the **Image™ 400** is the process of webbing. Mastering webbing is the key to operating the laminator effectively.

► Before webbing:

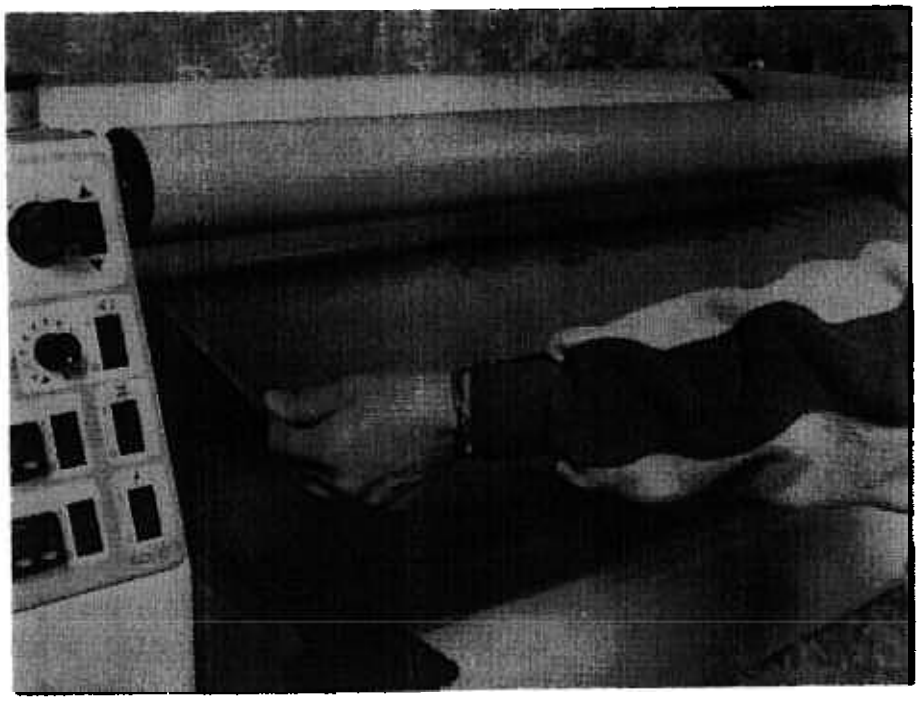
1. Ensure that you have set the temperature of the rollers according to the recommendations for the film you are going to use.
2. The rollers should be stationary and in the DOWN position.
3. Load the film in the top and bottom unwind positions and ensure that the tension on the brakes is released.
4. To ensure proper alignment of the top and bottom films, measure the distance between the end or each roll of film and the side frame of the laminator, adjusting so that both rolls are an equal distance away.

► To web:

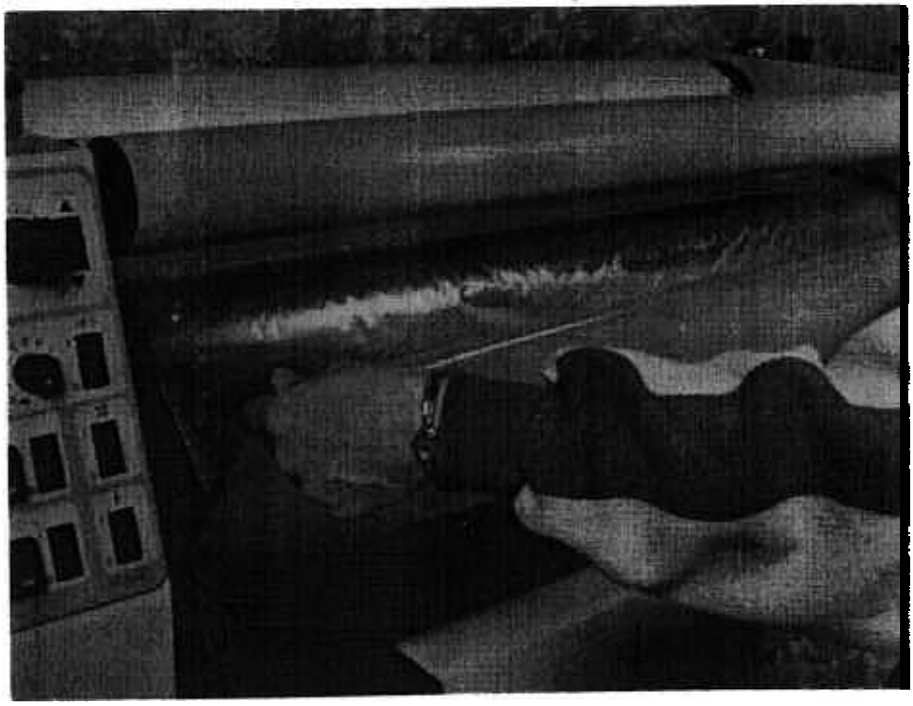
- **Step 1** - Pull the film down from the top unwind position around the tie bar and down across the face of both the top and bottom laminating rollers. The dull (adhesive) side should be facing you.
- **Step 2** - Pull the film up from the bottom unwind position around the tie bar and up over the top and bottom laminating rollers, touching the face of each. The top and bottom films will heat and stick together.
- **Step 3** - While the motor is stopped, use a leader board to push the films into the nip of the laminating rollers. Then switch the direction to FORWARD, set the speed to 2 feet per minute and use the foot switch to advance the leader board between the rollers until it reaches the fan bank.
- **Step 4** - While the film/board are resting on the fan bank, cut off the leader board and cut an arc in the film. This makes it much easier to feed the film into the pull rollers. Use the foot switch to advance and feed the film into the pull roller until it reaches about 6 inches beyond. Pull on the film to add tension to it.
- **Step 5** -From the front of the laminator, run the film through and adjust the brake tension on the unwind shafts until there are no wrinkles or creases in the film over the face of the rollers.

Image™ 400
Webbing Photos

Step 1
Photo 1

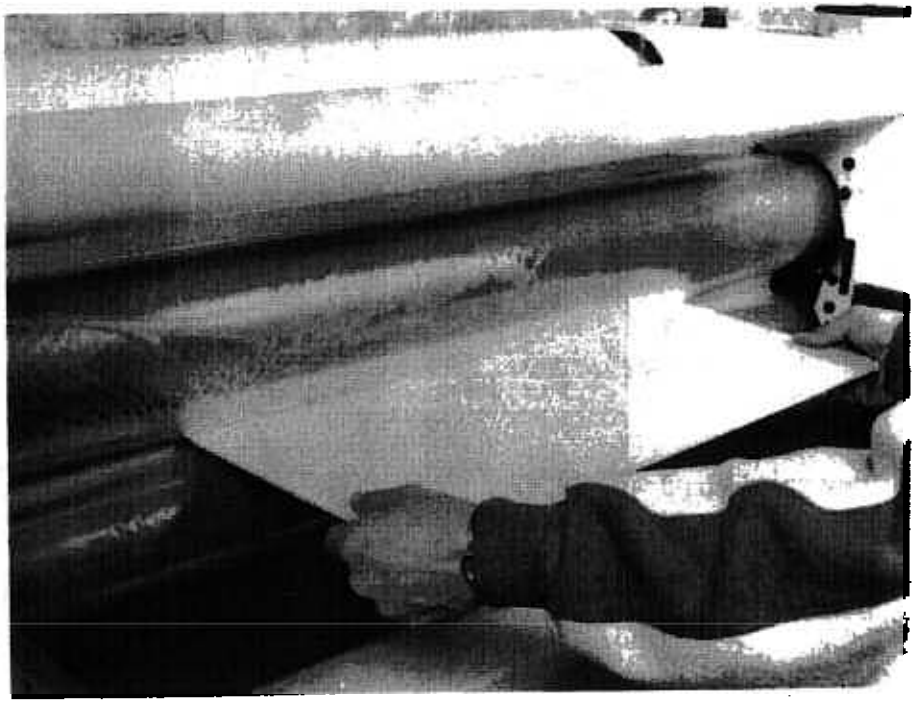


Step 2
Photo 2



Image™ 400
Webbing Photos

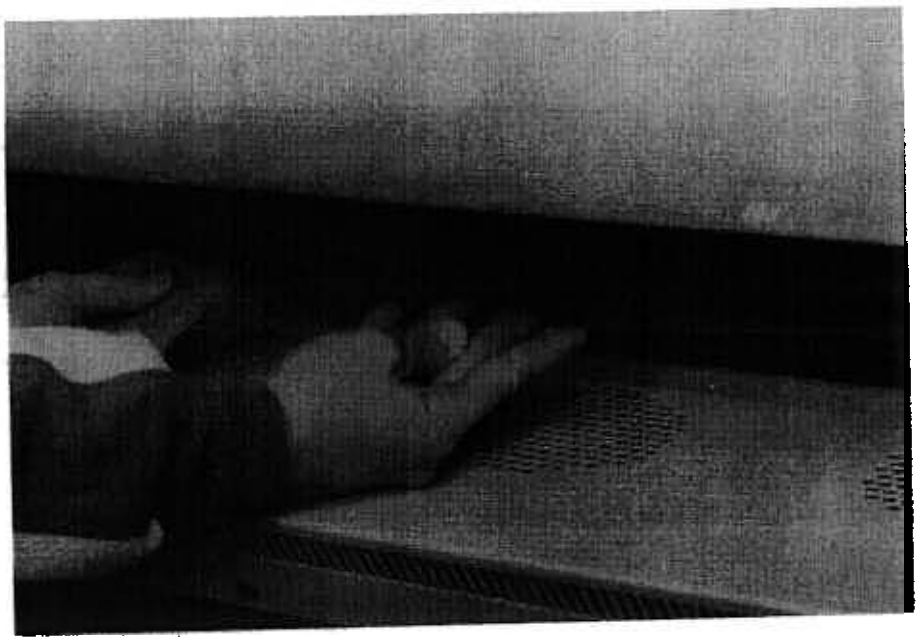
Step 3
Photo 3



Step 4
Photo 4

Image™ 400
Webbing Photos

Step 4
Photo 5



Step 4
Photo 6

Shim Wheels

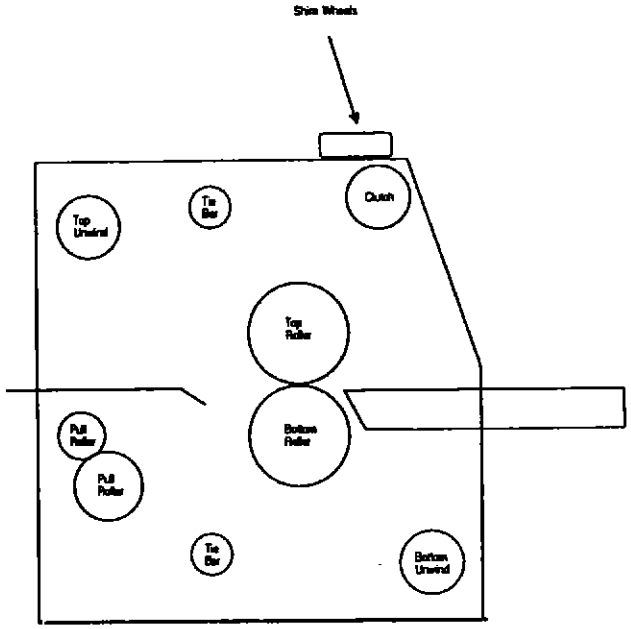
Whenever you mount onto a board which is thicker than the thin laminate, it is important to adjust the shim wheels on both sides of the machine to create a gap between the top and bottom rollers nearly equal to the thickness of the board being used. This is done so that anything passing between the rollers will receive the right amount of pressure--neither too little nor too much.

► To set the shim wheels:

1. Determine the thickness of the board that you will use for mounting.
2. Adjust the shim wheels on both sides of the machine to compensate for the mounting board and apply adequate pressure. For example, standard 3/16" foam board requires a nearly equal shim adjustment.

WARNING: Too much pressure can crush the board being used and even damage the top and bottom rollers. Normally, a press of 1/4" is sufficient.

Image™ 400
Shim Wheels Diagram



Equivalent Press Measurements

Decimal	Inches	Metric
1.000	1	25mm
0.75	¾"	19mm
0.5	½"	13mm
0.375	⅜"	10mm
0.25	¼"	6mm
0.1825	3/16"	5mm
0.125	⅛"	2mm
0.0625	1/16"	2mm
0	0	0

Encapsulating

Materials like photo papers, Encad and Lasermaster inkjet prints are heat sensitive. For best results, these should be run through the laminator at higher speeds, 7-10 feet per minute on average.

Encapsulating involves sandwiching an image between two laminates. Seal recommends using ThermaShield™ "R" films. Printguard is recommended for Encad. Top and bottom heating are both used when encapsulating.

WARNING: In heating the rollers it is imperative to lower the top roller onto the bottom and run the laminator at 5 feet per minute until the correct temperature is reached. Once the machine reaches the correct operating temperature, the laminator may be stopped and the top roller raised. However, before the encapsulating process can begin, the front table must be retracted.

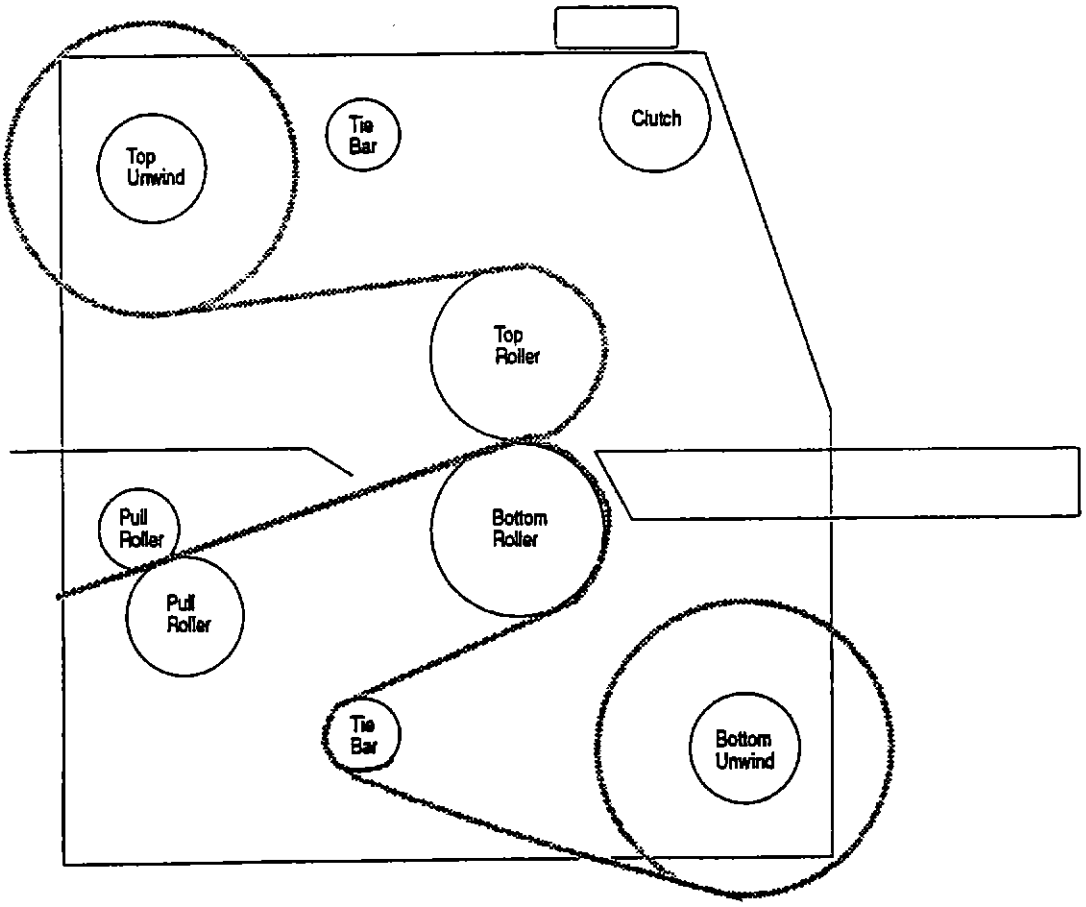
WARNING: Always retract the table while the machine is heating up. Otherwise, the front edge of the table will become extremely hot when heating the bottom roller.

► To encapsulate:

1. Select the laminates you will use on the top and bottom of the images to be encapsulated and thread each according to Web Diagram 3. Make sure the rolls are the same width, and after the rolls are threaded you can measure out from the side of the laminator to the laminate to confirm the match.
2. Thread the top laminate first and then pull enough out so that it can be pulled over the top roller and adhere to the bottom laminate that's already there.
3. Thread the bottom laminate, pulling enough laminate out so that it can be laid over the top roller. Use a piece of cardboard to push the films through the nip and then lower the top roller.
4. Follow the steps on page 11 and the accompanying pictures in order to properly web the laminator for encapsulating.
5. Once the film has started running out, grasp the laminate and pull it tightly through to the pull rollers.
6. Continue to run the laminator to work out any wrinkles—all should work out within 5 feet. If wrinkles persist, cut the film and web the laminator again.
7. Once the laminates are tracking correctly, you can begin sending the images through the laminator. Encapsulation requires that the images be fed through correctly. The leading edge of each image must be flat all the way across or any wrinkles or creases in the image will show when laminated—perhaps even magnified. The vacuum infeed table is a great asset when encapsulating.

Image™ 400
Web Diagram 1

——— Laminate



Two-Step Laminating and Mounting

The two-step process involves sandwiching an image between a laminate (top) and a pressure-sensitive adhesive (bottom) and then mounting the laminated image onto a backing board. Photographs and images on photographic papers should be done this way.

► To laminate images (two-step process):

1. Load a roll of pressure-sensitive adhesive on the bottom unwind shaft and a roll of the laminate to be used, either heat-activated or pressure-sensitive, on the top unwind shaft. Both rolls should be centered and tightened and the appropriate brake tension should be set.
2. Raise the top roller and slide the front table straight out. Once the table has been removed, pull out some of the pressure-sensitive adhesive toward the front and pass it around the bottom roller of the laminator.
3. Lay the adhesive down on the fan table and use a piece of tape to secure it.
4. Pull the laminate up over the machine's top roller and then drop the top roller. If using pressure-sensitive laminate on top, strip the release liner away from the laminate and tape the liner to the clutch at the front of the laminator. At this point, the laminate and pressure-sensitive adhesive should be threaded as shown in Web Diagram 1 when using heat-activated laminate on top or Web Diagram 2 when using pressure-sensitive laminate on top. The speed should be set to approximately 2 feet per minute. The foot switch is not used.
5. Grasp the laminate and adhesive as it comes out between the top and bottom roller and pull tightly through to the pull rollers. Run 2 to 3 feet of material through the laminator, making sure that what comes out is free of wrinkles and thus tracking properly.
6. Once the material is tracking properly, the images can be fed through face up. Start slowly and increase the speed as the process becomes comfortable. Once all images have been run through the laminator. **WARNING:** Never cut or slice directly on the rollers of the laminator as any cuts or gouges will ruin them. Always use cutters with enclosed blades to prevent cutting the rollers. Break the web by carefully cutting the laminate and the pressure-sensitive adhesive.

You are now ready to mount your newly laminated images. However, before you can begin, you must adjust the shim wheels to correspond to the thickness of the backing you will use. The standard 3/16" foam board requires a nearly equal shim adjustment.

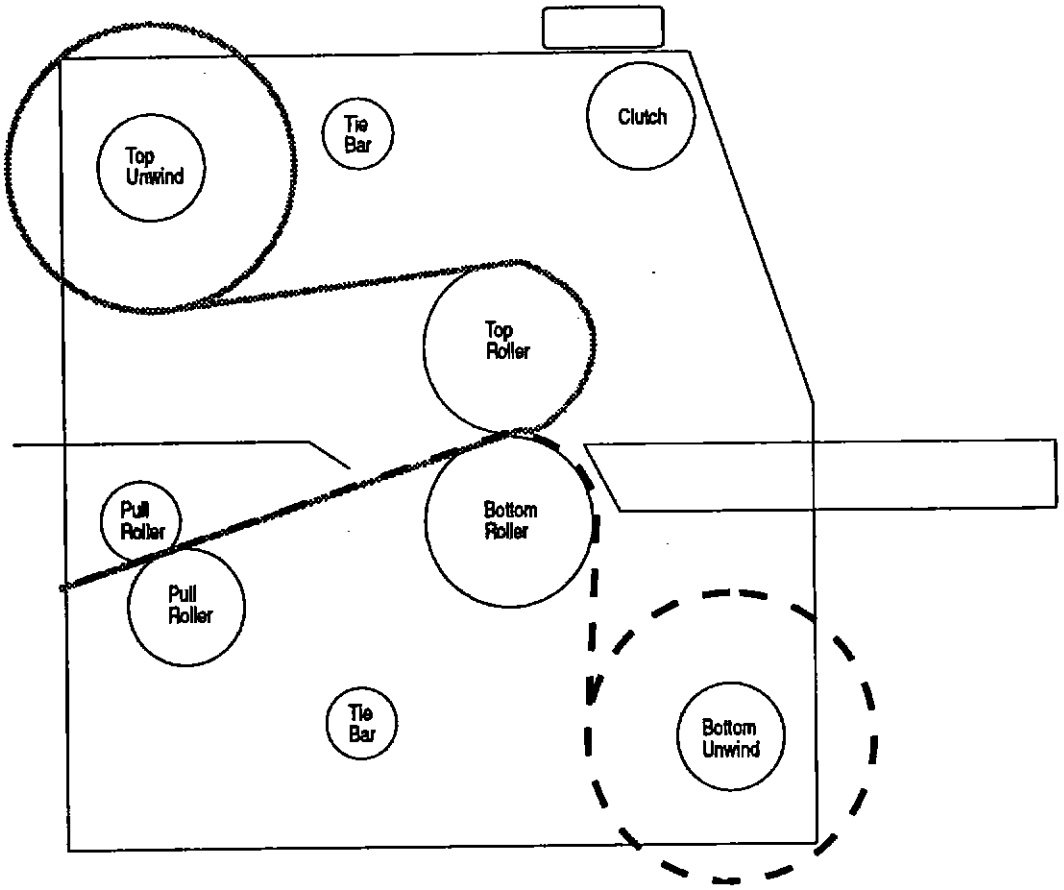
► To mount images:

- **Step 1** - Begin by turning one of the images face down and peeling back about one inch of the release liner along one of the edges.
- **Step 2** - Firmly press the image down onto the backing along the edge that was peeled back; this is the edge that will be fed into the laminator first. Set the speed at 2 feet per minute and the run-foot selector to the foot position.
- **Step 3** - Push the edge into the rollers and step on the foot switch until the board and image are just caught by the nip, the area where the top and bottom rollers contact each other. See the photo that follows the diagram.
- **Step 4** - Flip the image up onto the top roller with one hand, grasp the folded-back edge of the release liner with the other and at the same time push on the foot switch to run the board and liner through. If the board is accidently sent in too far at first, the release liner will get caught and will be impossible to pull back. In this case, raise the top roller, pull the board out and try again. As the process becomes more familiar, the speed of the machine may be increased to make the process more efficient. See the photo that follows the diagram.

Image™ 400
Web Diagram 2

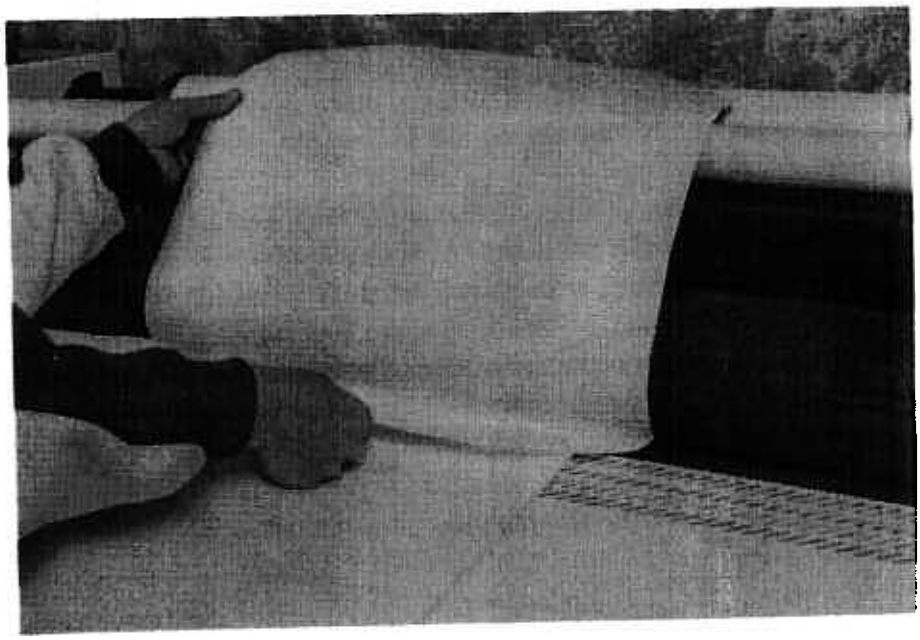
Heat-activated laminate on top

Pressure-sensitive mounting adhesive on bottom

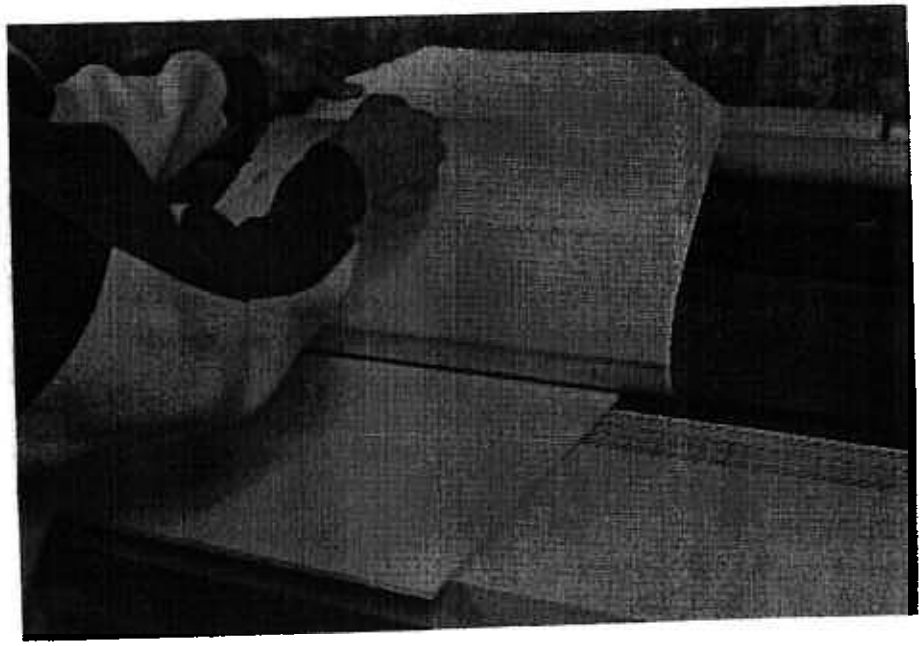


Image™ 400
Two-Step Laminating and Mounting Photos

Step 3
Photo 1



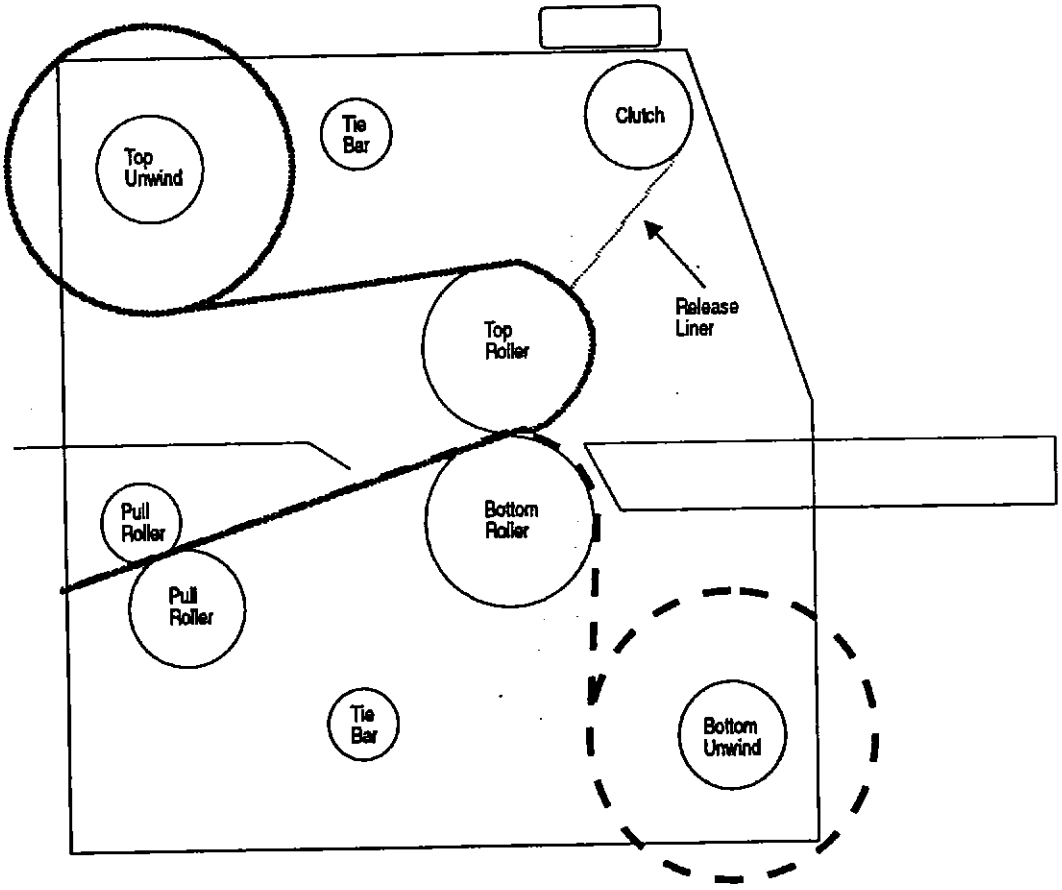
Step 4
Photo 2



Image™ 400
Web Diagram 3

——— Pressure-sensitive (cold) laminate on top

– – – Pressure-sensitive mounting adhesive on bottom



Temperature Settings

The adhesive on Seal ThermaShield™ "R" films will activate at approximately 190°. Thinner films should be run through the machine at approximately 215°. A good rule of thumb is to increase the temperature by 10° for every step up in mil thickness. For example, a 7-mil film should be run at 220°. The temperature, however, will vary according to the media being laminated and the speed of the machine.

Mil Thickness	Temperature
1.7	200°
3	200°
5	210°
7	220°
10	230°

☞ You can adjust base speeds and temperatures to suit individual requirements. In addition, when using heat-sensitive prints, run the laminator at a higher speed than normal.

Cleaning the Image™ 400

When encapsulating, a small amount of adhesive will squeeze out between the laminate films and onto the top and bottom rollers. This residue accumulates through normal use and can be easily cleaned off the rollers.

► To clean the rollers:

1. Use an eraser to remove excess glue. After the rollers have cooled to approximately 150 degrees, use a cotton cloth and isopropyl alcohol to wipe the roller clean.
2. The rollers should be cleaned every day or the heat-activated adhesive will soak into them.

WARNING: Use only isopropyl alcohol to clean the rollers and not other cleaners or solvents.

Maintaining the Image™ 400

► To maintain the Image™ 400:

1. Use high-temperature grease to lube the heated-roller bearings. The bearings should be greased once each month.
2. Drain your air compressor once each week.
3. When the machine is heating up or is not in use, slide the feed table away from the heated rollers. When the machine is sitting idle, the rollers must either be separated by adjusting the shim wheels or turning if they are together. To maintain even heat distribution, the rollers should be turning together.
   WARNING: If these recommendations are not followed, the rollers may develop flat spots and these will affect the quality of the output.

Troubleshooting

Problem: The machine is not heating up or erratic temperature readings are given.

- Solution 1: Make sure the heater switch (beside the heater controller) is ON.
- Solution 2: The rollers should be together—with no shim adjustments—and turning at a moderate speed when first heating up.

Problem: The film is coming out rippled or wavy (boat-waking).

- Solution 1: Make sure the machine is webbed correctly. See the web diagrams.
- Solution 2: There may be improper film tension. Most Therma-Shield™ "R" encapsulating films will work with a minimal amount of brake tension.
- Solution 3: Use the cooling fans for long runs—50 feet or longer.
- Solution 4: If you are using photo materials, Encad or Lasermaster prints, run the laminator at a higher speed. Exposure to heat at low speeds can cause waving.

Problem: The machine will not run.

- Solution 1: Make sure the photo safety eyes are not blocked.
- Solution 2: Make sure the speed selector is turned up.
- Solution 3: With the laminator unplugged, check the fuses inside the left cabinet. This should only be done by authorized safety or maintenance personnel.
- Solution 4: Check the circuit breaker for the machine. This should only be done by authorized safety or maintenance personnel.
- Solution 5: Reset the emergency stop buttons.

Problem: The film is cloudy or mottled.

- Solution 1: Increase the roller temperature or decrease the machine's running speed.
- Solution 2: If the mottling is seen primarily with heavier mil films, higher roller pressure (heated rollers) may be necessary due to the thicker adhesive layer.

Problem: Plotter prints are rippling or jumping as they are fed in.

- Solution 1: Turn the vacuum table on. When not in use, the vacuum table should be pulled away from the heated rollers.
- Solution 2: Plotter prints need to be tensioned as they are fed into the laminator. Cut sheets must be held back by hand.

The rollers are not raising or descending evenly.

WARNING: Maintenance or safety personnel only should attempt each of the following procedures.

- Solution 1: Adjust the small valves on the top and bottom of both air cylinders. The top valve controls the speed of the roller as it moves up and the bottom valve as it moves down.
- Solution 2: While making this adjustment, do not adjust the valves more than ½ turn before checking roller movement. The roller should be adjusted to move smoothly up or down.
- Solution 3: The downward movement of the rollers should be set to a slower speed, approximately 3-4 seconds, and the upward movement should be set at approximately 1 or 2 seconds faster.

WARNING: When the laminator is not in use, always adjust the shim wheels to create a gap between the laminating rollers to prevent flat spots from developing.

Glossary

Encapsulating - Sandwiching an image between two sheets of laminate.

Film - A synonym for laminate. The clear material used in the laminating and encapsulating processes.

Infeed - The side of the machine from which images are fed.

Mounting - Affixing permanently an image onto some kind of backing board.

Nip - The spot where the top and bottom rollers meet.

Outfeed - The side of the laminator from which completed images emerge.

Press - The amount of force in distance put on anything which passes between the top and bottom rollers. Shimming the top roller

at .100" and running an image .125" thick through puts a .025" press on the image.

Release Liner - The backing on a pressure-sensitive laminate or mount adhesive. Once the release liner is peeled off, the adhesive layer becomes exposed.

Shim Wheels - Adjustment wheels that allow gaps of various sizes between the top and bottom rollers.

Specifications

	Image 400
Catalog Number	IT400
Maximum Working Width	41" materials
Maximum Feed Speed	10 feet per minute
Maximum Roll Opening	1"-⅛"
Roller Construction	High-release silicone
Dimensions	58" wide by 30" deep and 24" high
Net Weight	350 pounds
Shipping Weight	450 pounds
Mechanical Requirements	2 CFM Compressed air 100 PSI 0.25" flexible line
Power Requirements	208-240 VAC, 50-60 HZ single phase, 30 amp hard wire 3-wire line
Maximum Power Consumption	6000 watts

Specifications subject to change without notice.

Seal® Products

HUNT

550 Spring Street • Naugatuck, CT 06770-9985 • Phone: 1-800-257-7325 • Fax: 1-800-966-4554

Addendum to the 400 Manual

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the warranty and the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of the equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Canadian Emission Requirements:

"This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications."

"Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de la class A prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada."

For Technical Service in Europe:

Hunt Europe Limited, Chester Hall Lane, Basildon Essex, SS143BG, England,
Phone: **44-1268-530331.

Ademco Seal GmbH, Ulrichstrasse 15b, 70806 Kornwestheim, Germany,
Phone: ** 49-7154-8203-0.

Changes and Corrections to the Image 400 Owners Manual

The following are changes and corrections to the Image 400 manual with page numbers noted.

Page 6, Switches for the Top and Bottom Heater Controls:

- Switches for the Top and Bottom Heater Controls:
- The up position ⊙ is **ON**, while the down position ○ is **OFF**.

Page 17, Equivalent Press Measurements:

Decimal	Inches	Metric
0.125	1/8"	**3mm**

Page 18, To Encapsulate:

- 1. Select the laminates you will use on the top and bottom of images to be encapsulated and thread each according to **Web Diagram 1**. Make sure the rolls are the same width, and after the rolls are threaded you can measure out from the side of the laminator to the laminate to confirm the match.

And

- 4. Follow the steps on **page 12** and the accompanying pictures in order to properly web the laminator for encapsulating.

Page 20, To Laminate Images (Two Step Process):

- 4. Pull the laminate up over the machines top roller and then drop the top roller. If using pressure sensitive laminate on top, strip the releases liner away from the laminate and tape the liner to the clutch tube at the front of the laminator. At this point, the laminate and pressure sensitive adhesive should be threaded as shown in **Web Diagram 2** when using heat activated laminate on top or **Web Diagram 3** when using pressure sensitive laminate on top. The speed should be set to approximately 2 feet per minute.