

# HOBBY LITE

## 9"x12" Heat Transfer Machine

### OWNER'S MANUAL



**HIX** CORPORATION  
For Customer Service, Call 1-800-835-0606  
or Visit [www.hixcorp.com](http://www.hixcorp.com)

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**BEFORE warranty repair you MUST get Prior Authorization:  
Call 1-800-835-0606**

# RECEIVING & INSTALLATION

## INTRODUCTION

Congratulations on your purchase of the Hobby Lite heat transfer machine. Three simple variables are involved in the process of transferring an image: pressure, temperature, and time. Pressure is easily controlled and adjustable. Temperature is as simple as setting your temperature control to the setting of your transfer.

Your Hobby Lite is designed for utility and fun in the application of heat applied graphics. The Hobby Lite is not designed nor intended for high volume or commercial heat press applications. The press is designed to tilt forward on closing, if too much pressure is set. If you experience tilting forward upon closing simply reduce the pressure adjustment setting.

## INSPECTION

After unpacking, inspect your machine for hidden shipping damage. Contact the delivery company immediately, should you find damage.

## SHIPPING OR RETURNS

**NOTE:** Save all of your shipping/packing materials.

**DO NOT RISK COSTLY SHIPPING DAMAGE!  
SHIP ONLY IN ORIGINAL BOX.**

1. Fasten machine to plywood shipping base with bolts provided.
2. Tie or tape handle securely to base.
3. Place in original box, and put side liner and top liner in place. Fold in flaps and seal the box. (Additional bottom boards, box and liners may be obtained from your supplier for a nominal cost.)

**CAUTION:** Handle must be tied to base before moving or shipping.

## UNPACKING

Remember to save all packing materials - including box, liner and board. You may need these for shipping your machine or if a repair is necessary in the future.

## INSPECTION

Inspect your machine for hidden shipping damage. Contact the delivery company immediately, should you find damage.

## INSTALLATION

1. Plug the machine into the correct grounded electrical outlet. In order to prevent electrical shock, make sure that the electrical cord does not come in contact with the heat platen at any time.

**WARNING:** When using an extension cord, use 12 or 14 ga.-3 conductor. Maximum length, 25' (7.62 m).

**ATTENTION:** Utiliser des ralonges d'au moins 12 à 14 ga - 3 phases; longueur maximale de 7.7 mètres

# OPERATION

## BREAK IN

Your new press does not require any “break in”. However, you may notice your press will have an “unusual odor” when you first begin to use it.

This is **normal** and it is the “newness” baking off. You may also see a faint vapor, especially if the press has set for a long period of time or if you are in a humid area. It is simply the humidity that has accumulated and is evaporating from the insulation.

## PREPARATION

1. Move on-off/thermostat switch to desired temperature. Heat indicating light should come on. While machine is heating (approx. 15 minutes), the heat light will remain on, until it has reached set temperature, after which it will go off. The heat light will cycle on and off in order to maintain the desired temperature.

**WARNING:** The heat platen can cause severe burns. Do not leave the machine on and unattended. Make sure all persons and items (not being transferred) are out of the path of the heat platen.

## PRESSURE

1. The pressure control knob, located on the top of the machine, should be set so that the heat head will lock down firmly. From time to time you should reset the pressure.
2. Pressure is reduced by turning knob (with machine open) **counterclockwise** and increased by turning it **clockwise**.

**NOTE:** Adjustments may be required from one garment to another and will vary to achieve the desired result.

**WARNING:** Excessive pressure is unnecessary and can cause structural damage, voiding the machine warranty!

**ATTENTION:** Pression excessive peut endommanger la machine et annuler la garanti

# TRANSFER APPLICATION

1. Check your transfer paper instructions to get the proper guidelines on temperature, pressure, pressing time, and whether to peel the transfer hot or cold.
2. Swing the heat platen all the way out making sure not to come in contact with the electrical cord or any other item.
3. Align garment (or other item) on the lower platen and swing heat platen back and clamp down to test your pressure setting. **NOTE:** Wrinkles may also be removed by bringing heated platen in contact with the garment before the transfer is positioned.
4. Swing heat platen back out and position your transfer where you want it to appear on the garment (or other item) with printed side down. (Make sure that you have “mirrored” your image before printing out the transfer).
5. When doing double sided or sublimation transfers on garments, always place a sheet of paper or cardboard between the layers of garments so that bleeding through or reheating of the transfer already applied does not occur.
6. Pull operating handle down locking the machine closed. After the designated time has elapsed, open the machine.
7. When not transferring, leave the heat platen up in order to prevent excessive wear on the silicone pad.

**When you fail to make a successful transfer you can wonder, “Is it the machine’s fault, or the transfer, wrong settings or what?”**

## **FIRST, THE BASICS:**

1. Be sure to set the heat transfer machine to the transfer manufacturer’s recommended Temperature, Time and Pressure settings. If you don’t have these specifications, contact your transfer supplier for this information and any other special application instructions as many of the new “High Tech” transfers require significantly different settings and/or application techniques than those from years past.
2. When you start up your press for the first time each day, preheat the pad for a minute. If the press has sat for 3-5 minutes without use, be sure to “preheat” the pad for 10-15 seconds before loading the shirt or making the first transfer.
3. After the shirt is positioned and centered on the preheated pad, “pre-press” the shirt for 3 seconds to take the wrinkles out and more importantly, release any excess moisture out of the T-shirt fabric which can reduce the chance of a successful transfer.
4. With all of the above recommendations, try making a transfer.
5. If successful, great! You are on your way to making some serious money with your transfer machine!

# TRANSFER TROUBLESHOOTING

6. If you have an area that isn't transferring completely or as you would like it to, follow these steps to determine the problem.
  - Try increasing the pressure on the machine by 10-20%
  - Recheck your temperature required and the press readout. You may want to increase the temperature 10 degrees.
  - Try increasing the application time by 2-4 seconds
  - If after trying these things there is still a "specific" area (say over in one corner of the transfer) that isn't coming out as you would like it to, then try the same type transfer on a scrap shirt but rotate the transfer 180 degrees (changing the failure location) If after doing this the problem area is in the same physical location on the machine, then you probably have a problem with the pad or possibly a warped platen if the machine has ever overheated severely. On the other hand if the transfer failed in the same area on the transfer (after changing the location of where the problem had previously been occurring), then you most likely have a problem with the transfer or it's application settings (Temperature, Time or Pressure) and you should contact your transfer supplier to discuss the problem.

Following these basic guidelines can help you be more successful with each and every transfer!

# REPAIRS

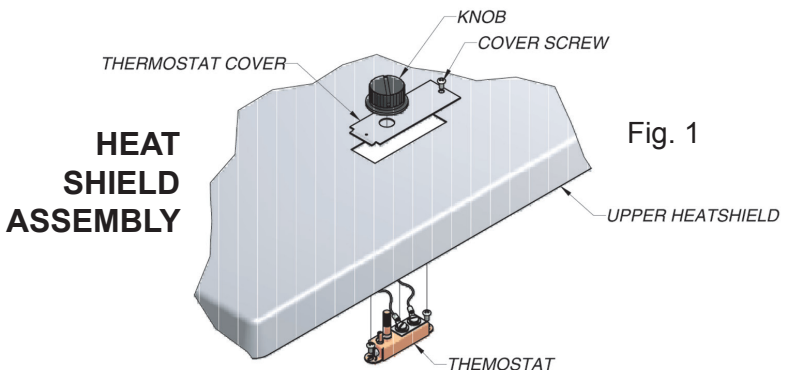
## THERMOSTAT BYPASS

If your machine is not heating (temperature light does not come on).

**WARNING:** Before making repairs, turn temperature control knob to "OFF" and unplug machine!

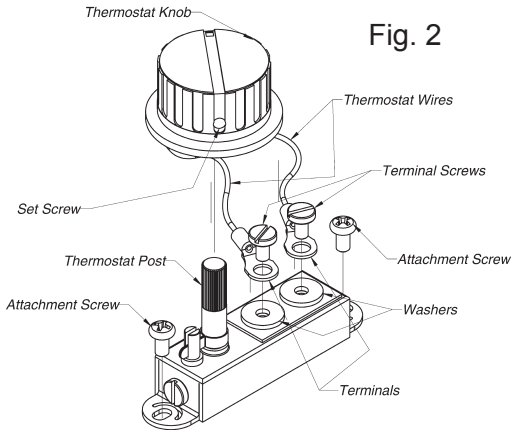
**ATTENTION:** Eteindre la machine avant de faire des réparations

1. Loosen recessed set screw in the thermostat knob and remove knob by pulling knob upward. **Fig. 1**



## REPAIRS

2. Remove heat shield to gain access to the thermostat
3. Attach both “thermostat wires” on the “**rear terminal**”. **Fig. 2**



4. Plug machine in and turn the power switch “on” If heat light comes on, and the machine starts heating, replace thermostat.

**NOTE:** If you feel your temp calibration is off, contact customer service.

## MAINTENANCE

### CLEANING THE HEAT PLATEN

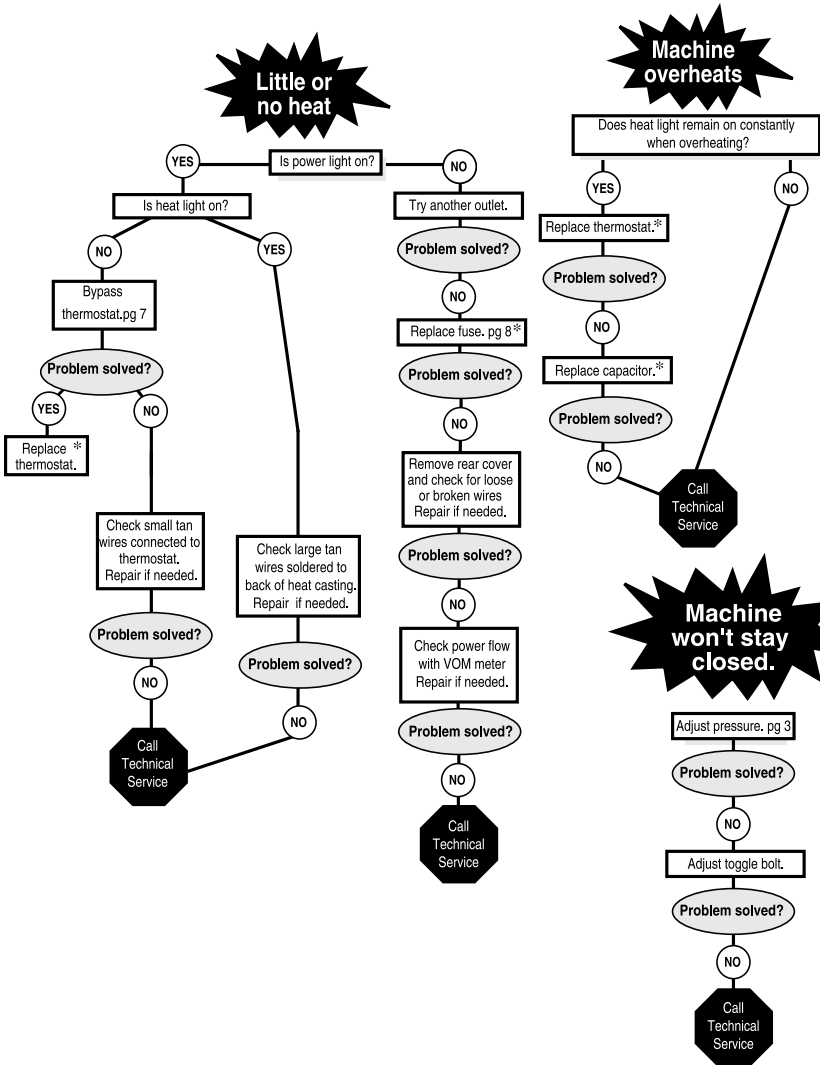
1. Unplug the machine and allow to cool.
2. Swing the heat platen away for easier access.
3. Use a soap or detergent and nonmetallic scrubbing sponge to remove any excess material from the heat platen.

### LUBRICATION

1. Every 3 months, lubricate moving parts with ordinary household oil.

# TROUBLESHOOTING

\*Customer Service Tech Sheets are available for this step. Visit [www.hixcorp.com](http://www.hixcorp.com) to print or call 620-231-8568 and we will send you one. Parts ordering is available on-line.



# WARRANTY

(Effective October 30, 2015)

HIX will automatically register the equipment on the date it was shipped to you or your distributor. If the equipment was not purchased directly from HIX, but through a distributor (either domestic or foreign), please keep a copy of their sales invoice showing the serial number and date it was sold/shipped to you with this warranty. In this case, we will use the distributor's invoice date as the beginning warranty date. **STAPLE A COPY OF YOUR RECEIPT TO THIS WARRANTY** and keep in a safe place to provide verification of your warranty should a problem occur. Thank you.

Please fill in the following information and attach a copy of your receipt for your records.

Date Purchased: \_\_\_\_\_ From: \_\_\_\_\_

Model #: \_\_\_\_\_ Serial #: \_\_\_\_\_

This warranty applies to equipment manufactured by the HIX Corporation (HIX), Pittsburg, Kansas, U.S.A. HIX warrants to the original purchaser, its Ovens and Dryers, Heat Transfer Presses, Mug Presses, Mug Glazer, Retensionable Screen Frames, Textile Printers, Spot Heaters, and Exposure Units against defects in workmanship and material, except for wear and tear for a period of "One Year" from the date of purchase. HIX warrants its Accessories, Reten Splines/Hardware/Tool Kit, and Shuttle for a period of 90 days from the date of purchase. Thermatrol and doughXpress products are covered under separate warranty.

In the event of a defect, HIX, at its option, will repair, replace or substitute the defective item at no cost during this period subject to the limitations of insurance and shipping costs stated below.

In the case of heat transfer presses (except the Hobby Lite), HIX warrants the heat casting for the "Life" of the machine for the original purchaser. If a part becomes obsolete at the time for repair, and/or cannot be reasonably substituted for, HIX will credit, at half the then current list price or last recorded price, only that part toward a new machine or any product HIX offers. This credit offer shall be the sole responsibility of the HIX Corporation in the event of an obsolete part.

This warranty does not cover belts, rail tape, pads, mug wraps, canvas, rubber blankets, bulbs, glass, rod ends, turn buckles on printers or damages due to accident, misuse/abuse, alterations or damage due to neglect, shipping or lack of proper lubrication or maintenance. HIX shall not be responsible for repairs or alterations made by any person without the prior written authorization by HIX. This warranty is the sole and exclusive warranty of HIX and no person, agent, distributor, or dealer of HIX is authorized to change, amend or modify the terms set forth herein, in whole or in part.

In the case of a problem with the equipment identified herein, HIX Corporation should be contacted during regular business hours to discuss the problem and verify an existing warranty. HIX personnel will assist the customer to correct any problems which can be corrected through operation or maintenance instructions, simple mechanical adjustments, or replacement of parts. In the event the problem cannot be corrected by phone, and upon the issuance of a return authorization by HIX, the equipment shall be returned to HIX or an authorized service representative. All insurance, packaging and shipment/freight costs are solely the responsibility of the customer, and not that of HIX, and HIX shall not be responsible for improper packaging, handling or damage in transit. Contact HIX customer service for complete return authorization information. Correct shipping boxes are available from HIX.

This expressed warranty is given in lieu of any and all other warranties, whether expressed or implied, including but not limited to those of merchantability and fitness for a particular purpose, and constitutes the only warranty made by HIX Corporation.

In no event shall HIX's liability for breach of warranty extend beyond the obligation to repair or replace the nonconforming goods. HIX shall not be liable for any other damages, either incidental or consequential, or the action as brought in contract, negligence or otherwise.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



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