

WARRANTY

(Effective January 1, 2007)

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 Conveyor 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 Spines/Hardware/Tool Kit, and Shuttle for a period of 90 days from the date of purchase. DoughXpress and Thermatrol 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 Mug Press, 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, pads, mug wraps, mug press liners, canvas, rubber blankets, bulbs, glass, PTFE or finish, rod ends, turn buckles on printers, or mug press 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 and shipment/freight costs are solely the responsibility of the customer, and not that of HIX, and HIX shall not be responsible for improper handling or damage in transit. HIX offers a reconditioning service and a core exchange/credit policy on some models. HIX customer service personnel may be contacted for complete return authorization and reconditioning information.

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.



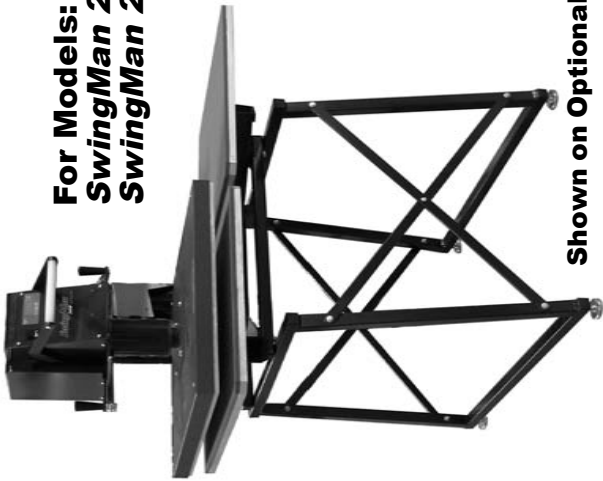
Manufacturers of the Finest Quality Textile and Graphics Screen Printing and Heat Transfer Equipment

1201 E. 27th Terrace • Pittsburg, KS 66762 • U.S.A.
Web site: www.hixcorp.com • Phone: (800) 835-0606
E-Mail: customerservice@hixcorp.com • Fax: (866) 561-0894
E-Mail: sales@hixcorp.com • Fax: (866) 563-4600

SwingMan

OWNER'S MANUAL

For Models:
SwingMan 20D TWIN
SwingMan 25D TWIN



Shown on Optional Stand



For Customer Service, Call **1-800-835-0606**
ext. 209, ext. 211, ext. 220, ext.221 or
Visit www.hixcorp.com

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

RECEIVING AND SHIPPING

INSPECTION

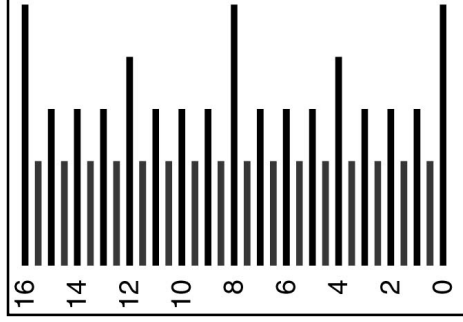
Inspect your machine for hidden shipping damage. Contact the delivery company immediately, should you find damage.

SHIPPING OR RETURNS

NOTE: Save all of your shipping/packing materials.
DO NOT RISK COSTLY SHIPPING DAMAGE!
SHIP ONLY IN SECURE CRATING.

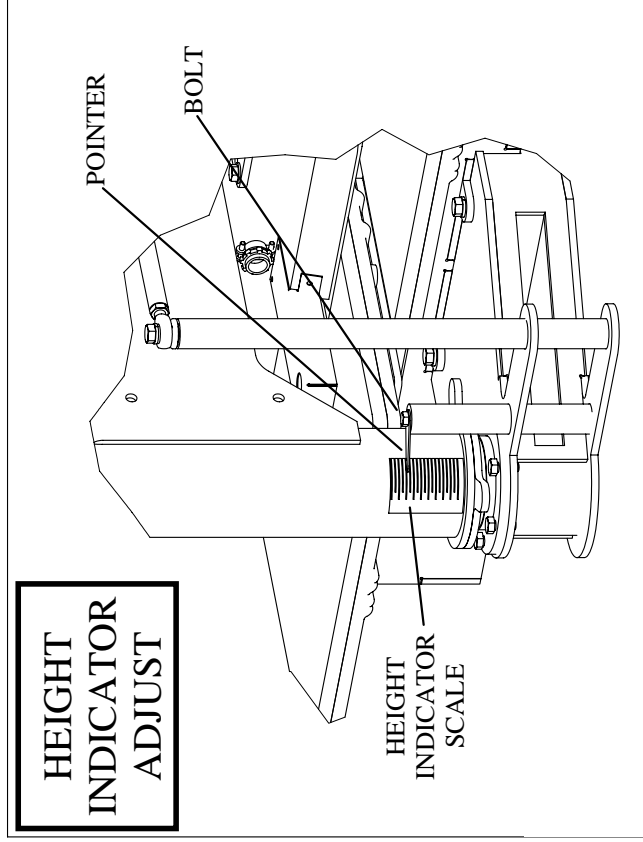
1. Secure machine to crate base.
2. Make sure handle is tied down so that the heat platen will not swing around during shipment.
3. Put all liners and packing in place.

HEIGHT INDICATOR



- 16 _____
- 15.5 _____
- 15 _____
- 14.5 _____
- 14 _____
- 13.5 _____
- 13 _____
- 12.5 _____
- 12 _____
- 11.5 _____
- 11 _____
- 10.5 _____
- 10 _____
- 9.5 _____
- 9 _____
- 8.5 _____
- 8 _____
- 7.5 _____
- 7 _____
- 6.5 _____
- 6 _____
- 5.5 _____
- 5 _____
- 4.5 _____
- 4 _____
- 3.5 _____
- 3 _____
- 2.5 _____
- 2 _____
- 1.5 _____
- 1 _____
- 0 _____

HEIGHT ADJUSTMENT



The height indicator label(s) located on the back of the machine references for multiple pressure settings. The numbers on the decal **do not** represent a pressure setting in PSI, they are merely tools to help adjust pressure setting with substrates.

Record the number that matches the best pressure for the current substrate you are pressing. This way you can refer back to that number when using the same substrate.

TIP: Record these settings and attach to the rear of the press for easy access or here within the manual (See page 11).

INSTALLATION

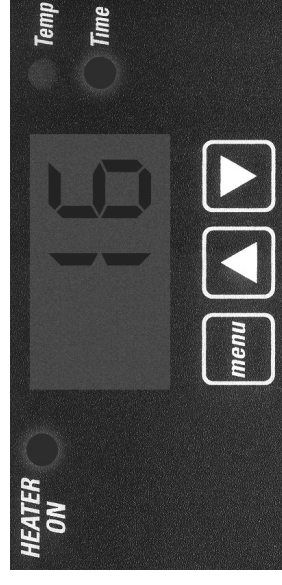
INSTALLATION

NOTICE: These machines are *heavy*, team lift with your legs when placing the machine.

1. Plug the machine into the correct grounded electrical outlet.

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

OPERATION



TIME/DISPLAY INSTRUCTIONS

The timer can be changed from “seconds” to “minutes XX.X” display.

1. Make sure the machine power is “OFF”.
2. Press and hold down the “MENU” and the “DOWN” arrow buttons in.
3. While holding the buttons in, turn the power on to the machine.
4. Release the two buttons then press the menu button (twice) to scroll to the time setting. Adjust the time as necessary.
5. Press menu again to lock in your settings. After this, the control will operate normally and reset to your setting each time the handle of press is closed.

Note: To change the resolution back, repeat steps #1-4 again.

OPERATION

TEMPERATURE & TIME INSTRUCTIONS

1. Turn on the machine by pushing the power button.
2. To change or set the temperature, press the Menu button on the digital control. The light next to "TEMP" will light. Press the up ▲, or down ▼, button to your desired setting.
3. To change or set the time, press again, the Menu button on the digital control. The light next to "TIME" will light. Press the up ▲, or down ▼, button to your desired setting.
4. When you have your desired settings **press the Menu button a third time to lock in your settings** otherwise the controller will revert to the previous settings.
5. Wait for the machine to reach your preset temperature by monitoring the display temperature until it matches the set temperature. The heater On light will also cycle On and Off.

PRESSURE

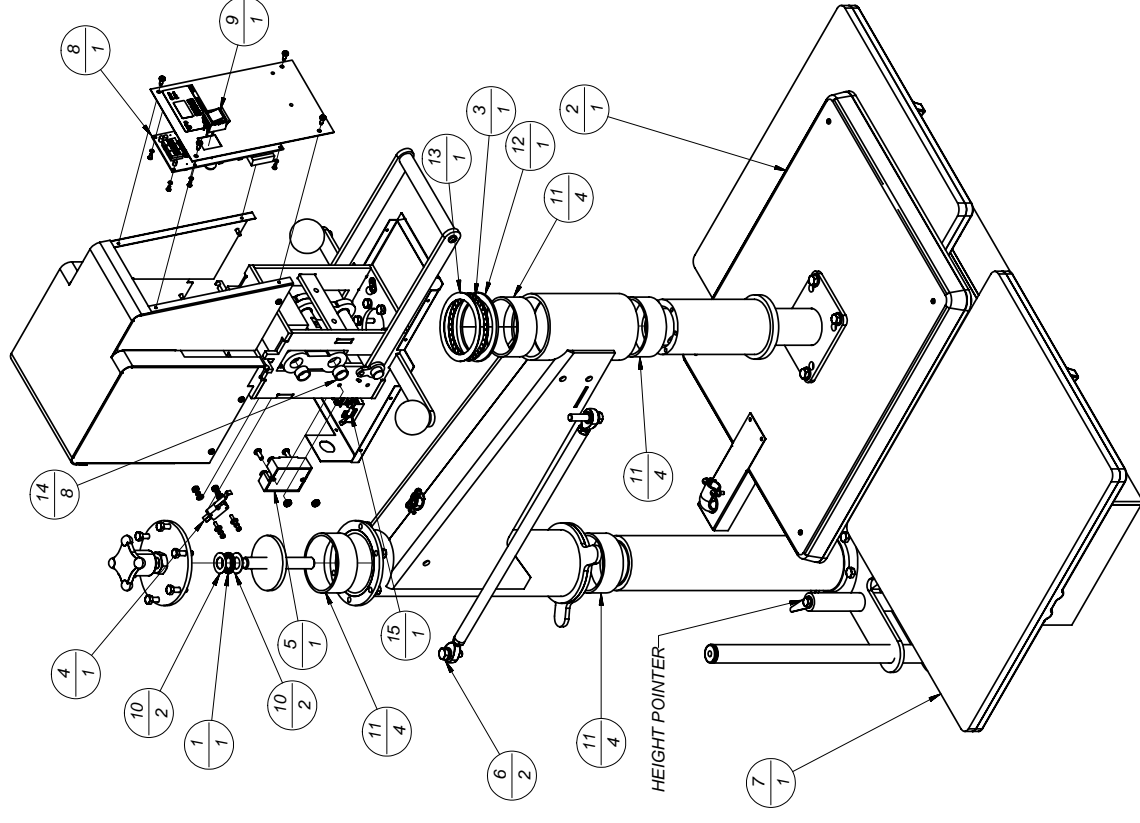
1. The pressure control knob, located on the top of the machine, should be set so that the heat head will lock down firmly.
2. Pressure is reduced by turning knob (with machine open) **counter-clockwise** and increased by turning it **clockwise**.

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

CAUTION: Excessive pressure can cause structural damage, voiding the machine warranty!

PARTS IDENTIFICATION

EXPLODED VIEW



PARTS IDENTIFICATION

PARTS LIST

Parts List			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	1	70021	BEARING, THRUST 5/8 x 1
2	1	14044	PLATEN, 16x20 120v
	1	14036	PLATEN, 16x20 220v
3	1	68993	BEARING, THRUST
4	1	31823	MICROSWITCH ASSY
5	1	65897	RELAY SS 50A 3-32VDC 120v
	1	62731	RELAY SS 25A 3-32VDC 220v
6	2	29991	ROD END 3/8x3/8-24 RH
7	2	50545A	PAD PRECUT 16x20
8	1	65312	CONTROL HTM 120v for 16x20 ONLY
	1	65322	CONTROL HTM 220v for 20x25 or 16x20 220v
9	1	32581	SWITCH ROCKER 120v
	5	33754	SWITCH ROCKER 220v
10	2	70029	THRUST WASHER
11	4	69027	BEARING
12	1	69019	THRUST WASHER
13	1	69000	THRUST WASHER
14	8	69035	BEARING
15	1	13045	FUSE MDA-15 AMP 120v
	1	76752	FUSE MDA-10 AMP 220v 16x20
Height Pointer	1	9243007	HEIGHT INDICATOR
PARTS FOR THE SWINGMAN 20"x25" ONLY			
15	1	83709	FUSE MDA-20A
9	5	94684	SWITCH ROCKER 220v
7	2	50546	PAD PRECUT 20x25
2	1	9260110	PLATEN, 20x25 220v
8	1	65322	CONTROL HTM 220v for 20x25 or 16x20 220v

TRANSFERS

TIME

1. Refer to your transfer manufacturer's guidelines for the time it takes to apply.

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. Make sure that you have "mirrored" your image before printing out the transfer for inkjet or sublimation transfers. Exception if you produce glass tiles or image cutting boards, images should be right reading.
3. Swing the heat platen all the way out making sure not to come in contact with the electrical cord or any other item.
4. Align 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.

Tip: When making tiles the tile blanket/ or felt pad is placed on the lower platen first, then the transfer is placed face up. Next, the single or multiple tiles are placed face down onto transfer. (When doing sublimated transfers, always cover your pressed item with a PTFE blanket, to protect the upper platen. If a PTFE blanket is not available a piece of transfer paper will do.) See Fig. A and Fig. B below.



Fig. A



Fig. B

5. 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.
6. Again, when doing double sided or sublimation transfers on garments, always place a sheet of transfer paper or a PTFE sheet between the layers of garments so that bleeding through or reheating of the transfer already applied does not occur.

TRANSFERS

TRANSFER APPLICATION

7. Pull operating handle down locking the machine closed. Timer will automatically start counting. After the designated time has elapsed, timer will beep, open the machine.
8. First, remove the transfer as specified and then the product.
9. When not transferring, leave the heat platen up in order to prevent excessive wear on the silicone pad.

MAINTENANCE & REPAIRS

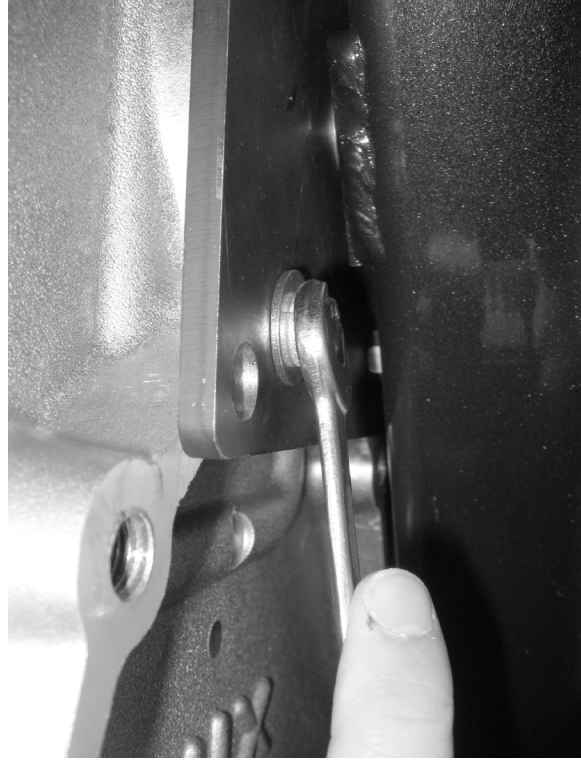
CLEANING THE HEAT PLATEN

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.

REMOVING PLATEN



16" x 20" Platen:

Remove Two 5/16" Bolts from the bottom of the platen.

20" x 25" Platen:

Remove Two 1/4" Bolts from the bottom of the platen.

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