

OPERATOR'S MANUAL

LF-4464

44" x 64" Large Format Head Press

EVO TOUCH



Twin model shown.
Air compressor required.

For Customer Service:
Call 1-800-835-0606 or Visit hixcorp.com

HIX CORPORATION



CONTENTS

<i>Receiving & Setup</i>	3
<i>Twin Assembly</i>	9
<i>Main Power Switch</i>	12
<i>Control Box</i>	13
<i>Time & Temperature Controls</i>	14
<i>Operation</i>	20
<i>Maintenance & Safety</i>	23
<i>Troubleshooting</i>	24
<i>Dimensions & Specifications</i>	25
<i>Parts List</i>	26
<i>Warranty</i>	28

BEFORE warranty repair you MUST get Prior Authorization



RECEIVING & SETUP

UNPACKING & INSPECTION

1. Once outer crate is removed, remove the 4 bolts securing the platen and second trolley on to the top of the LF 4464. (TWIN ONLY) (1).
2. With a forklift, lift the second trolley and platen pallet off the top of the press (2).
3. There are 4 long bolts securing the press to the bottom pallet. Remove these bolts (3).
4. With a forklift, lift the press off the pallet carefully (4).
5. The leg kits, braces, foam pads, and control boxes are secured to the bottom pallet with screws. Remove the pieces from the pallet (5).



RECEIVING & SETUP

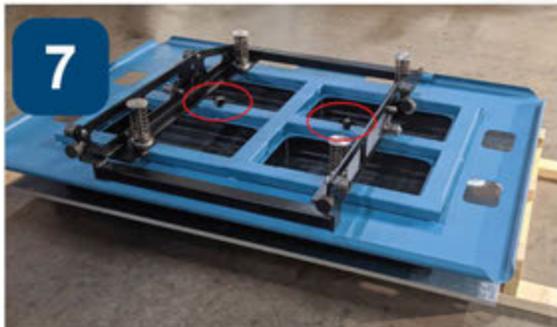
TWIN PLATEN INSTALLATION

CAUTION: PARTS ARE UNSTABLE AND VERY HEAVY - USE CAUTION HANDLING AND USE TWO PEOPLE WHEN HANDLING THESE PARTS!

6. Cut the strap from the pallet/trolley/textile catcher/platen bundle.



7. Remove the lower platen retaining knobs from the base plate (7) and lift the trolley/textile catcher off the threaded rods (7a). Take the two lower platen spacers (7b) from the threaded rods. Lay all parts aside for now.



RECEIVING & SETUP

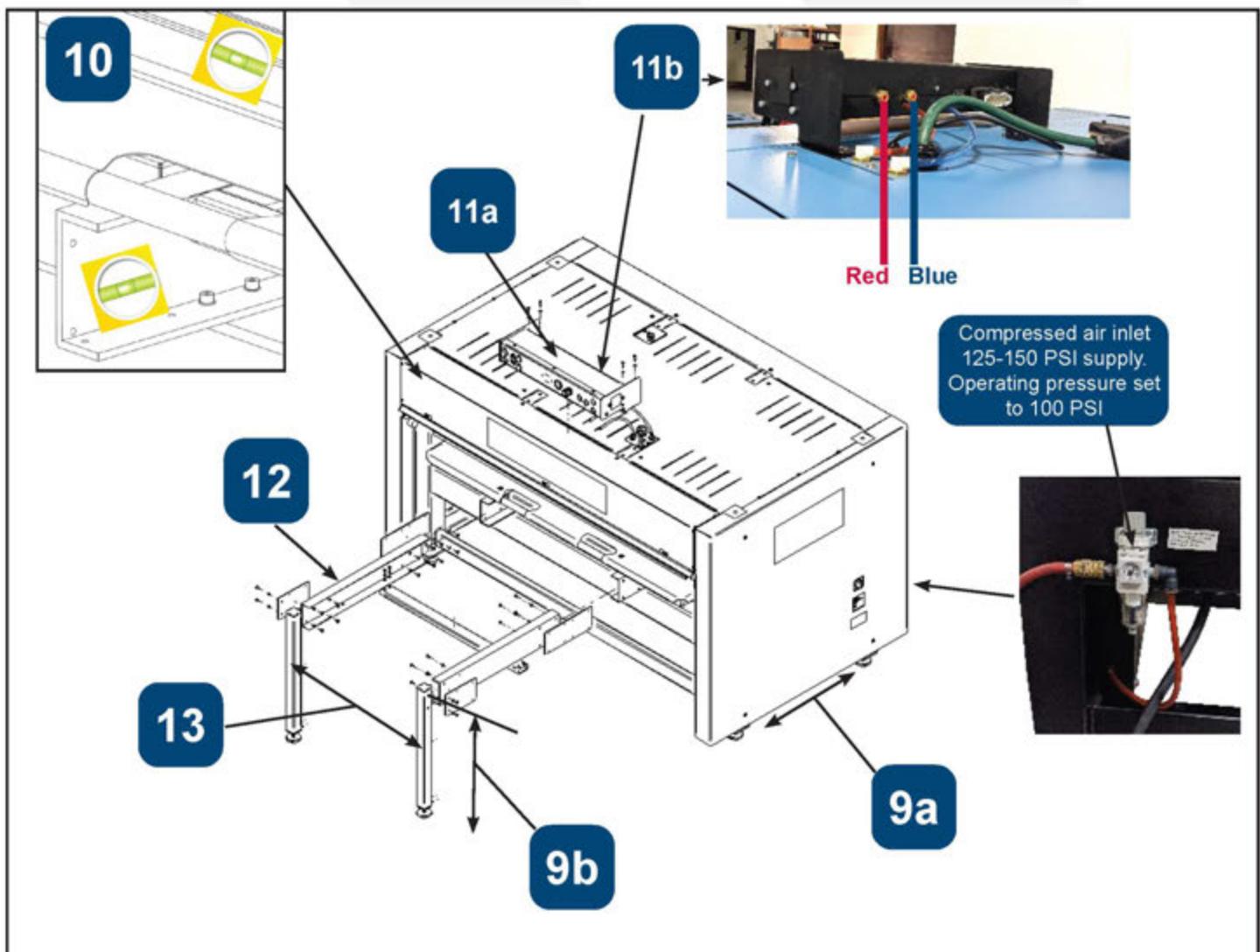
8. Unpack remaining parts - Control Panels, C Channel, and leg supports. (8)



RECEIVING & SETUP

HEAT PRESS HEIGHT ADJUSTMENT AND FRONT PLATE MOUNTING

9. Machine working height is adjusted with the four machine level mount feet (9a). Nominal Height for the lower platen is 34-7/8" from the floor (9b).
10. Level the machine by placing a carpenter's level on the machine so it is level "left to right" and also "front to back" (10).
 - a. To do so, first place the level on the lower platen as shown in detail in figure 10 and level the heat press in this direction "left to right".
 - b. Secondly, place the level on the C Channel to level the heat press in this longitudinal direction "front to back".
11. Install the control panel box on the top of the unit (11a). Connect the two air lines and the electrical plugs on the back side of the control box (11b). (There will be two control boxes FOR TWIN ONLY (*11c).



RECEIVING & SETUP

12. Attach the legs to the extension guide rails. Tighten all fasteners securely. (12)
13. Using a carpenters level, adjust the height of the levelers on the legs so that the extension guide rails are level.



RECEIVING & SETUP

14. Install the extension guide rails onto the C-profile rail mounted in the heat press. Tighten fasteners A through E.



15. Remove the shipping banding on the trolley on the back side of the heat press. Ensure that the trolley remains in any given position once released. If it doesn't, then the machine is not level. Repeat step 2 to ensure the machine is level.



16. IMPORTANT - Fastener F: You will need to roll trolley completely out in order to fasten. See below (16):



TWIN ASSEMBLY

MOUNTING TROLLEY / TEXTILE CATCHER & LOWER PLATEN (TWIN VERSION ONLY)

1. Roll the solo trolley/textile catcher onto the C Channels, and leave in the outward position. (1)
2. Using two people, slide the trolley into the C Channels as shown.
3. Install the twin extension guide rails onto the C Channels mounted in the heat press. Tighten all fasteners (2)
4. Install the two support legs (3) onto the extension guide rails and tighten all fasteners.
5. Level the extension guide rails by using the levelers (4) installed on the bottom of the two support legs.



TWIN ASSEMBLY

LOWER PLATEN MOUNTING / HEIGHT ADJUSTMENT

The lower platen spacers frames serve to adjust the space between the pad and the upper heat platen to allow for different substrate thicknesses.

(See section "Height Adjustment of Lower Platens")

The following instructions describe the assembly. If you need to adjust the height later during operation, just follow the instructions in a reverse order.

ASSEMBLY (THREE PEOPLE REQUIRED)

1. Put the two lower platen spacer frames on top of one another and onto the textile catcher. The nuts on the frames provide for centering alignment of the frames to the textile catcher and **MUST** face downward.



2. Next, place the lower aluminum platen with the threaded studs facing downwards through the holes in the lower platen spacers and ultimately through the textile catcher.

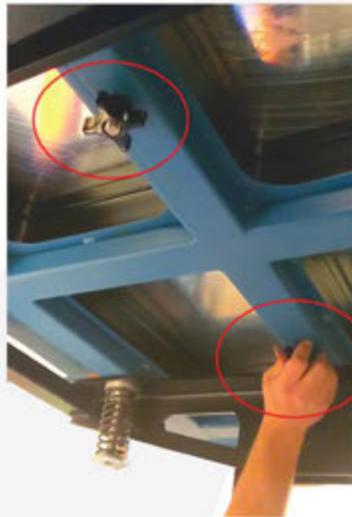


TWIN ASSEMBLY

TIP: Use TWO people to lift and hold the aluminum lower platen and a THIRD person to guide the lower platen so that the threaded studs align with the holes in the lower platen spacer frames.



3. Screw the lower platen retaining knobs from below the textile catcher onto the threaded studs to secure the lower platen assembly. (This will be underneath the textile catcher.)



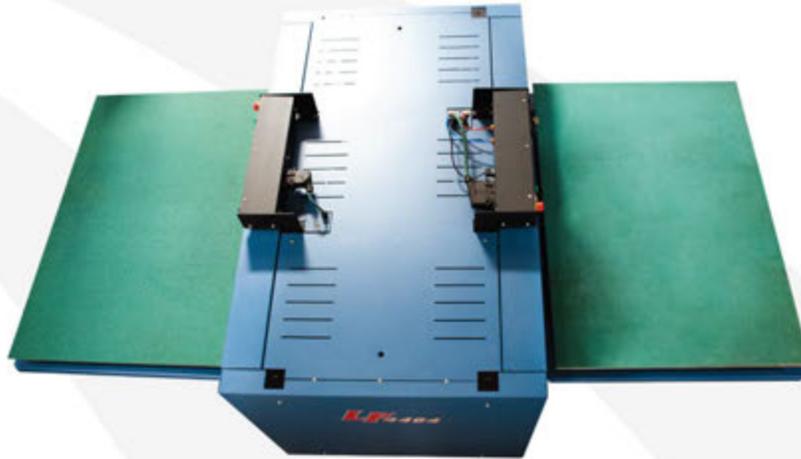
4. Install the second control box. Connect the electrical plug on to the rear of the control box.



TWIN ASSEMBLY

5. Place foam pad(s) on top of the lower platen(s).

NOTE: The foam pads are a consumable product that are not covered by warranty.



MAIN POWER SWITCH

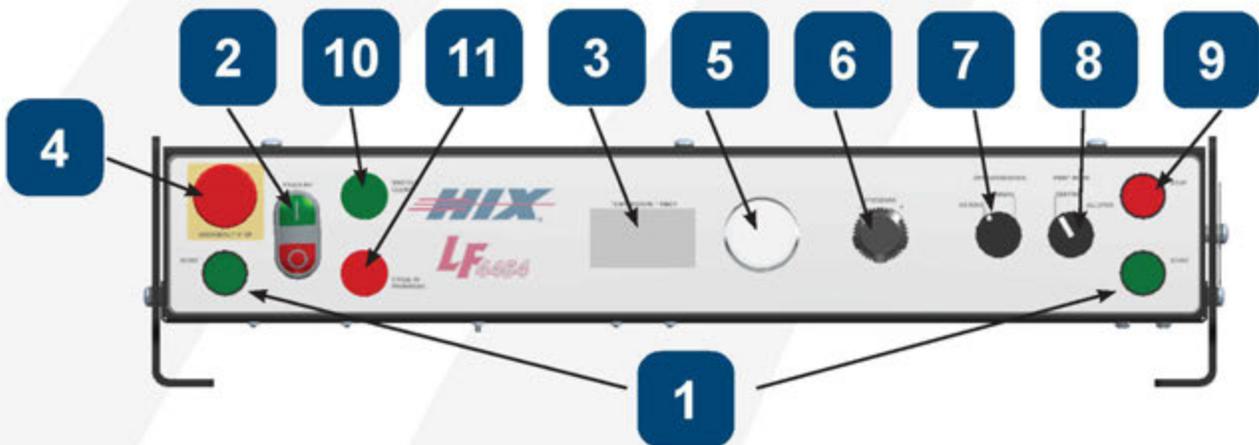


After connecting the press to power, turn on the main power switch.

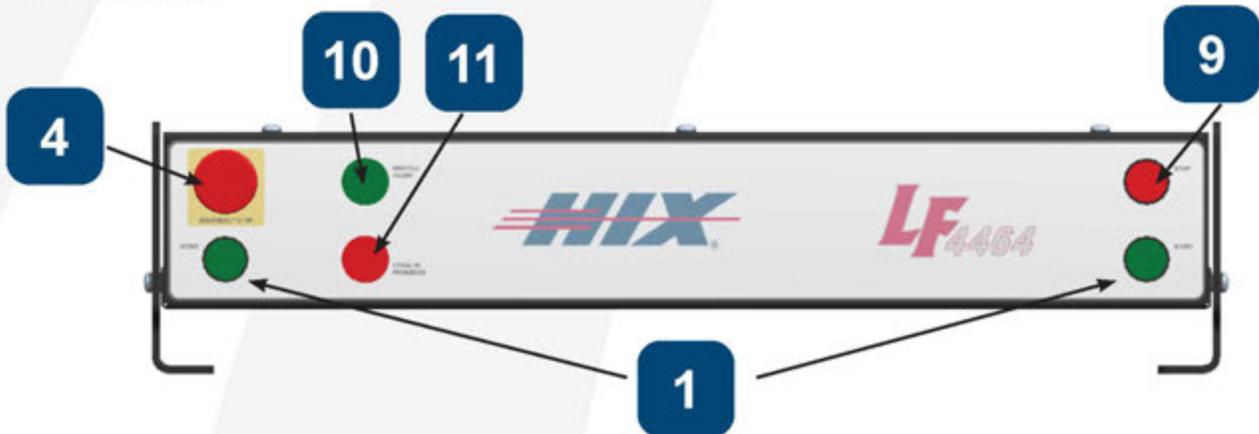
CONTROL BOX

CONTROL BOX #1

1	START BUTTONS (Press simultaneously to start printing cycle)
2	STANDBY SWITCH (Turns the machine ON/OFF (into standby mode))
3	TEMPERATURE & TIMER CONTROLLER
4	EMERGENCY STOP
5	AIR PRESSURE GAUGE
6	AIR PRESSURE REGULATOR
7	KEY PROTECTED OPERATION MODE SWITCH (Service or Operate)
8	PRINT MODE SWITCH (CENTER or ALL-OVER/Large Format)
9	STOP BUTTON (Interrupts printing cycle)
10	SHUTTLE CLEAR (OK to pull lower platen out)
11	CYCLE IN PROGRESS (Shuttle locked - do not try to pull lower platen out)



CONTROL BOX #2



TIME & TEMPERATURE CONTROLS

HOME SCREEN

1. Turn on the machine by pushing the on/off switch.
Startup/Splash screen is displayed as the controller boots up.



Startup/Splash Screen

After boot up, the home screen is displayed showing the current heat platen temperature and set cycle time. The heat indicating lamp is represented by the star icon in the upper left corner of the display. The heat indicating lamp will display anytime the heating element is on and will cycle on and off after the set temperature is reached to maintain set temperature.

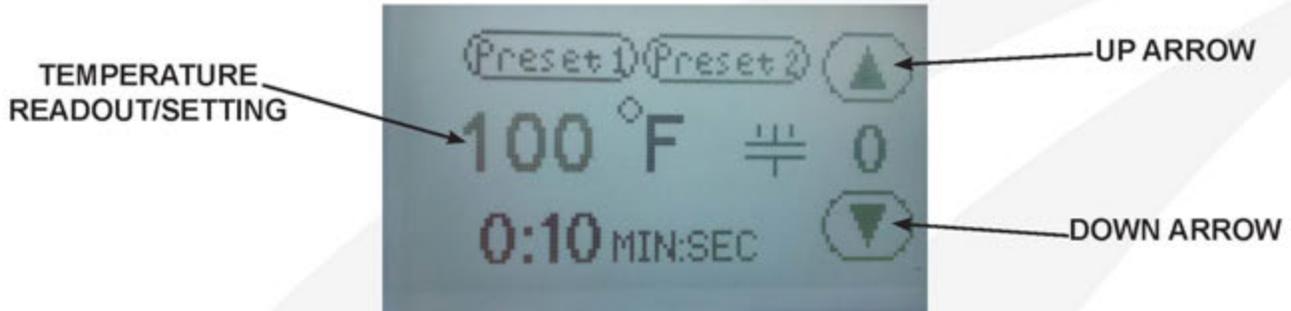
HOME MENU SCREEN



TIME & TEMPERATURE CONTROLS

ADJUST TEMPERATURE

TEMPERATURE ADJUSTMENT SCREEN



1. Touch the temperature readout on the display. "UP" ▲ and "DOWN" ▼ arrows will appear on the right side of the display and the temperature value will start flashing to indicate it is in set mode.
2. Press the "UP" ▲ or "DOWN" ▼ arrow to change the temperature value. Holding down on an arrow will change the temperature in 1 degree increments for 10 values; then change to 10 degree incremental changes.
3. Once the desired temperature value is set, either press the temperature value to lock the set temperature or simply wait 2 seconds and it will lock on the new value automatically.

ADJUST CYCLE TIME

TIME ADJUSTMENT SCREEN



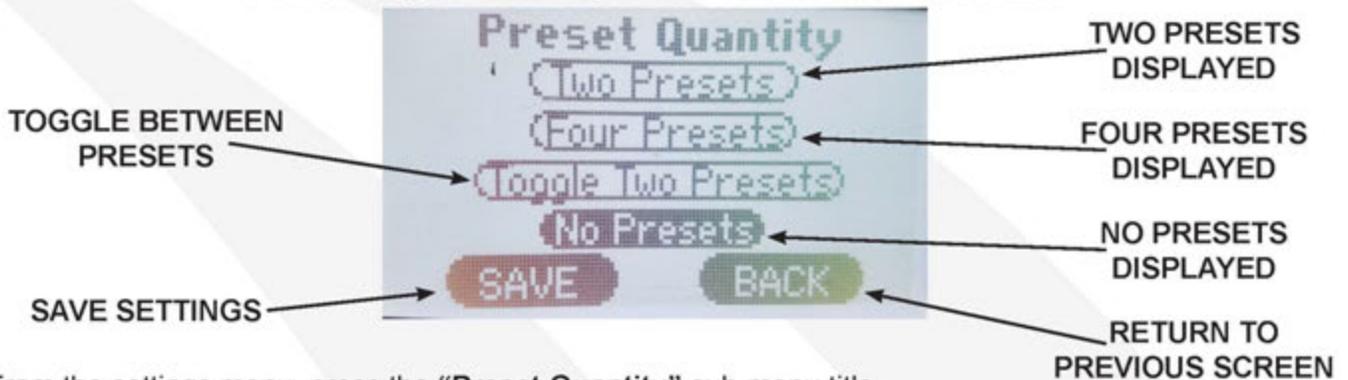
1. Touch the time readout on the display. "UP" ▲ and "DOWN" ▼ arrows will appear on the right side of the display and the cycle time value will start flashing to indicate it is in set mode.
2. Press the "UP" ▲ or "DOWN" ▼ arrow to change the cycle time value. Holding down on an arrow will change the time in 1 second increments for 5 values; then change to 10 second incremental changes.
3. Once the desired cycle time value is set, either press the time readout to lock the cycle time or simply wait 2 seconds and it will lock in the new value automatically.

TIME & TEMPERATURE CONTROLS

PRESET QUANTITY

Temperature presets can be stored in the memory for different transfer settings. By default two presets are displayed. This setting can be adjusted to display four presets.

PRESET QUANTITY DISPLAY PREFERENCE SCREEN



1. From the settings menu, press the "Preset Quantity" sub-menu title.
2. Press the number of presets to be displayed on the home screen, either "Two Presets" or "Four Presets."

TWO PRESET DISPLAY ON HOME MENU SCREEN



FOUR PRESET DISPLAY ON HOME MENU SCREEN



3. Press "Save" to save the setting.
4. Press "Back" to return to the previous screen.

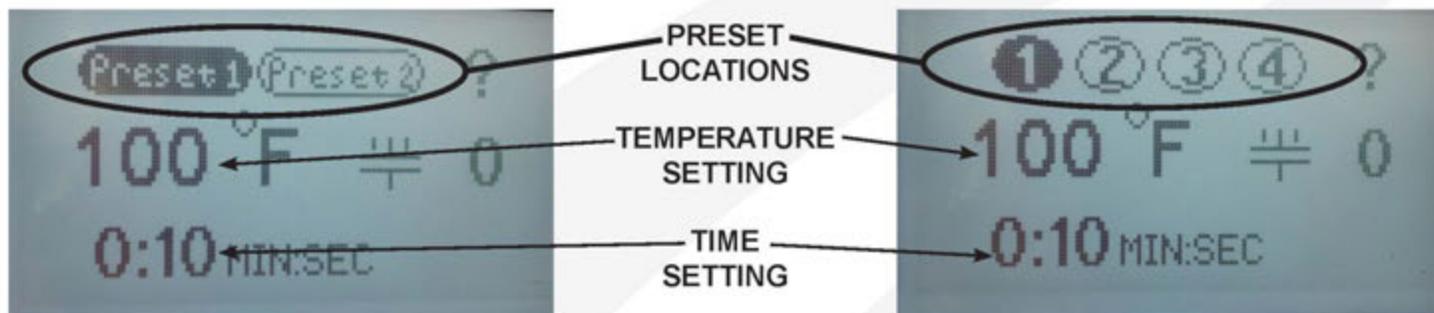
NOTE: The "Toggle Two Presets" option will allow the operator to save two different times in each preset (e.g. 2 seconds in Preset 1 and 8 seconds in Preset 2). Each time the press is cycled and the timer times out then the controller will automatically "toggle" to the other preset. This will allow the operator to set a short "pre-press" time

The "No Presets" option, if selected, will remove the option for any preset buttons to appear on the home menu screen.

TIME & TEMPERATURE CONTROLS

STORING PRESETS

NOTE: The factory default settings for all presets is set to 200°F and 10 seconds.



1. Set the desired temperature and/or cycle time using the temperature and time adjustment instructions in this document.
2. Press and hold the desired preset location for two seconds. The controller will beep and the preset location button will display in reverse indicating the preset is stored in memory.

NOTE: Always refer to specific transfer recommendations for temperature, time, and pressure as instructed by the transfer manufacturer.

RECALLING PRESETS



PRESET 1 SELECTED
(two preset setting shown)

PRESET 2 SELECTED
(two preset setting shown)



1. Press and release preset button for approximately 1/2 a second to recall. The controller will beep and the preset location button will display in reverse indicating the preset has been changed.

NOTE: The new set values for 1 second before controller starts adjusting the temperature or time to match the new set-point.

TIME & TEMPERATURE CONTROLS

CYCLE COUNT

The cycle count feature counts the number cycles that the machine has undergone. A cycle is counted every time the countdown timer is activated by closing the press.

NOTE: The cycle count will maintain the total count even if the power has been turned off.

CYCLE COUNT/CYCLE COUNT RESET SCREEN



TO RESET THE COUNTER:

1. From the settings menu, press the "Cycle Count" sub menu title.
2. Press "Reset"
3. Press "Back" to return to the previous screen.

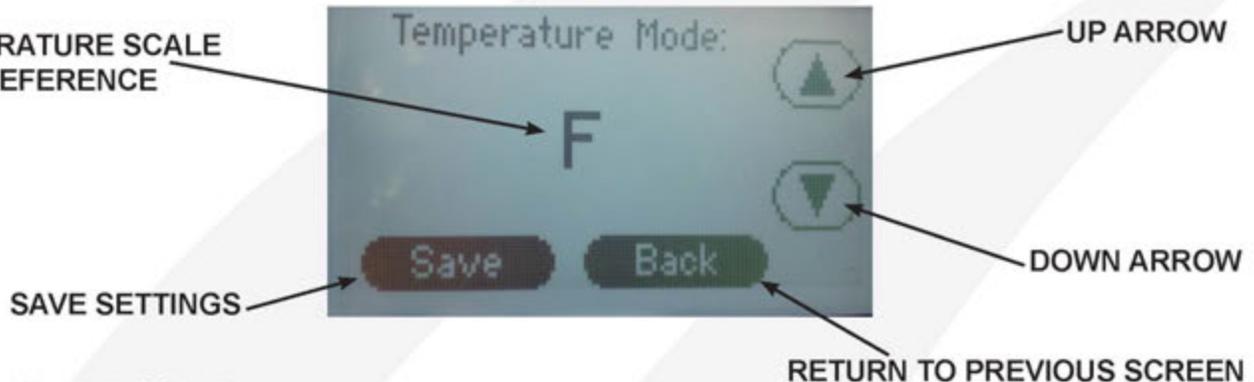
TIME & TEMPERATURE CONTROLS

TEMPERATURE MODE

Temperature Mode controls which temperature scale is displayed on the controller home screen.

F = Fahrenheit C = Celsius

TEMPERATURE SCALE PREFERENCE



TO CHANGE THE SCALE

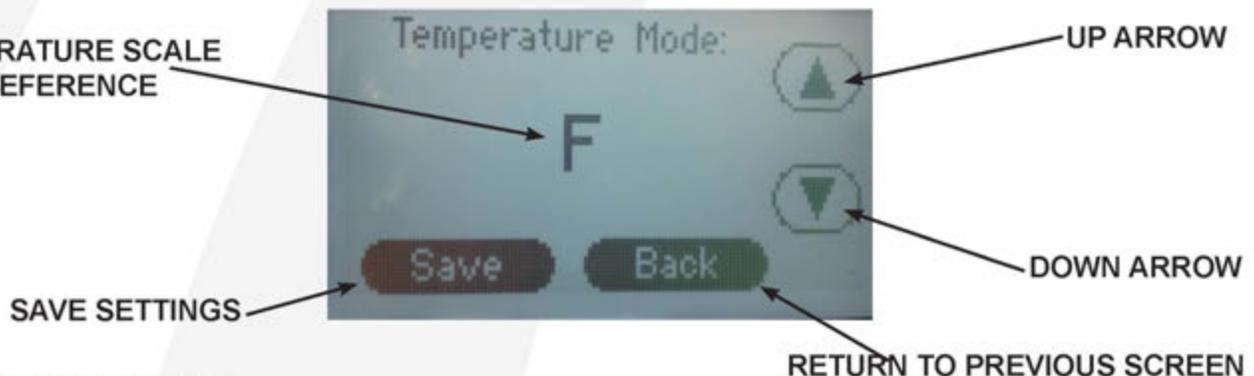
1. From the settings menu press the **"Temperature Mode"** sub-menu title.
2. Press the **"UP" ▲** **"DOWN" ▼** arrows to select the preferred temperature scale.
3. Press **"Save"** to save the setting.
4. Press **"Back"** to return to the previous screen.

TIME SCALE

The time scale setting adjusts how the time is displayed on the home screen. There are three Time Scale display options available in the Time Scale menu:

- **MIN:SEC** (Factory Default)
- **SEC** (Seconds)
- **1/10 SEC** (1/10 Second Resolution)

TEMPERATURE SCALE PREFERENCE



TO CHANGE THE SCALE

1. From the settings menu press the **"Time Scale"** sub-menu title.
2. Press the **"UP" ▲** **"DOWN" ▼** arrows to select the preferred temperature scale.
3. Press **"Save"** to save the setting.
4. Press **"Back"** to return to the previous screen.

OPERATION

ELECTRICAL CONNECTION



Connection to the electrical power source shall be done by a licensed electrician. Dangerous high voltages sufficient enough to cause great bodily harm are present and may result in death if proper precautions are not taken.

Before installing, verify that the electrical service agrees with the specifications on the units rating plate located on the rear side of the machine. If the supply and equipment requirements do not agree, do not proceed with installation. Contact your HIX® customer service representative immediately.

The heat press may or may not be supplied with a power plug depending on the country it is shipped to.

- If the heat press is fitted with a power plug, be sure to use a compatible mating electrical socket.
- If the heat press is delivered without a power plug, then the electrician can either install a suitable amperage, phase, and voltage rated plug for whatever country the unit is being installed, or the unit can be hard wired into a customer supplied electrical disconnect switch (not provided by HIX®).

COMPRESSED AIR CONNECTION

Connect the air supply from your air compressor to the back side of the press where you will find a combination air filter/regulator. The air supply shall be "Clean" of any oils and "Dry" of any water. The air regulator on the machine is "FACTORY PRESET AT 100 PSI." Do not change this setting.

Machine Air Requirements:

Air Pressure supplied to the machine: 125-150 PSI (Set operating pressure at 100 PSI)
CFM Consumption: 3 CFM per cycle

TURNING THE MACHINE ON AND OFF

Turn the Main Power Switch (located on the right-hand side panel) to the "ON" position. The press is now in "Standby" mode.

Next Press the STANDBY switch "GREEN BUTTON" on the main control panel (reference item #2 on page 13) and the machine will exit standby mode and enter the "ON" mode. Press is now ready for operation.

When you press the "RED BUTTON" on the main control panel STANDBY switch, the machine will go into standby mode and stop heating. To completely remove power from the machine, turn the Main Power Switch to the "OFF" position.

HEIGHT ADJUSTMENT OF THE LOWER PLATEN

The height adjustment of the lower platen gives the operator the ability to change the amount of space between the upper heat plate and the lower platen according to the thickness of the material substrate that is being printed. For "FLAT" material from 0.010" to 1.0" both of the lower platen spacers should be used. If you desire to print on thicker material, then one or both of the lower platen spacers can be removed. Refer to the following guide below.

- Both Platen Spacers Installed:.....0.010" to 1.25" Substrate Thickness
- Removal of 1" Spacer Only:.....1.26" to 2.25"
- Removal of 2-1/2" Spacer Only:.....2.26" to 3.75"
- Removal of BOTH Spacers:.....3.76" to 5.25"



ATTENTION: To protect the heat press for structural damage, there is a limit switch incorporated that will automatically interrupt the printing process if trying to press a substrate that is too thin and not within the substrate thicknesses listed above. If this happens, review the substrate thickness and install the appropriate lower platen spacer as outlined above.

OPERATION

SETTING OPERATING/PRESSING PRESSURE

The operating/pressing pressure is controlled by the air pressure regulator (reference #6, page 13) and monitored by the air pressure gauge (reference #5, page 13). Turn the pressure regulator knob clockwise to increase pressure and counterclockwise to reduce the pressure.

The pressure required will vary from process to process. Please refer to your transfer supplier for their recommended settings.

Maximum pressure is 90 PSI. If that pressure is exceeded, pressure relief valve will activate. Simply reduce the pressure to below 90 PSI to reset the valve.

SETTING THE TEMPERATURE AND TIME

The temperature of the heat platen is controlled by the temperature controller. Maximum temperature setting is 410°F/210°C. Refer to setting information provided in this manual starting on page 14.

Time and temperature setting requirements will vary from process to process. Please refer to your transfer supplier for their recommended settings.

SELECTING OPERATING MODE

The key protected switch on control panel #1 (reference #7, page 13) has two modes, "SERVICE" and "OPERATE". Each mode is described below.

OPERATE:

Push the lower platen completely into the heat press and then press BOTH of the green "START" buttons at the same time (reference #1, page 13). The hand protection guard (TWIN will have TWO guards) will lower into place. Once the hand protection guard(s) are in place, the lower platen will rise into place, printing starts, and the timer will start counting down.

SERVICE:



This operation mode is NOT for normal printing operation. It is exclusively designed for maintenance purposes only. If this mode is selected, no other person(s) other than qualified service technician(s) can be within reach of the machine because of the hazard created by selecting this mode

Functions are as in the "OPERATE" mode except for the hand protection guards are deactivated in this mode. The printing process will start immediately after pressing the two green "START" buttons. This may be useful if the behavior of a certain material needs to be observed during the printing process.

In order to prevent the erroneous or unintended switch of operation modes, the key must not remain in the heat press. The key should be kept in a safe place only available to the supervisor and not available or accessible to unauthorized people.



During the operation of the heat press, and especially during the cycling of the heat press, never put your hand between the lower platen and the heat platen. Furthermore, make sure that no other person or "non-operator" is within proximity of the heat press during operation.

OPERATION

SELECTING CENTER / ALLOVER PRINT

The heat press is designed with three in-line pressure actuators (similar to an air bag or cylinder). The Print Mode selection switch (reference #8, page 13) allows the operator to disengage the two outside actuators for certain applications.

ALLOVER:

All three actuators are engaged for the printing operation. This is the standard setting for most applications.

CENTER ONLY:

Only the center actuator is engaged. The two outside actuators are disengaged. Use this setting if the article to be printed has a thickness of more than 0.040" (1 mm) and also covers LESS THAN 1/3 of the lower platen.

ATTENTION: Always arrange the articles to be printed in the CENTER of the lower platen.

PRINTING OPERATION

Turn the heat press on and set the temperature, time, and pressure settings as required by the transfer and substrate (consult with your supplier for recommended settings). The heat platen will start heating. Once the platen reaches setpoint, the controller will beep.

For the best printing results it is necessary to "preheat" the foam pad and the lower platen to remove moisture. To do so, push the lower platen with the foam pad in place into the heat press (without any other article or substrate) and start a printing cycle. Repeat this process until the lower platen's lower side is warm to the touch (may take 2 or 3 cycles of 2 minutes each to accomplish).



Make sure that the articles to be printed do not have sharp edges, which may damage the lower foam pad and/or the heat platen. If sharp objects (like zippers) are unavoidable, they must be covered by a thin tear-proof and heat resistant material.

Once the lower platen is warm, you can load a substrate and transfer onto the lower platen. Be sure to center the substrate and transfer on the lower platen/pad. There may be other techniques and processes required of the substrate or transfer. Consult with your transfers and material supplier for suggestions on the best way to process their product.

Once the substrate and transfer is loaded, set the operation mode to "OPERATE" (if not there already), push the lower platen into the machine, press the two green "START" buttons and the printing process will start. When the printing process is finished, the heat press will open automatically and you can pull the lower platen out (or push it out if you have a TWIN machine).

In order to stop the printing process prematurely, you can press the red "STOP" button (reference #9, page 13).

In case of emergency, activate the EMERGENCY STOP BUTTON (reference #4, page 13). This will release the air actuators and the machine will stop heating. Once the emergency condition has been cleared, reset the E-Stop button by twisting the cap and pulling it out, then press the green STANDBY button to restore power to the press.



Do not touch the lower part of the heat platen while the press is in service, otherwise burns will occur. Please note that there is still a danger of being burned even after the press has been turned off. Be aware that the hand protection guard(s) and the housing may also be warm or hot during normal operation.

MAINTENANCE

EVERY DAY

At the beginning of each shift, check the water filter/trap located on the rear of the unit and drain any water that has accumulated in the bowl. In heavy humidity environments or where the unit is cycled heavily, this may need to be checked several times each shift.

MONTHLY

Check the surfaces of the C-profile rails and guide rails for the trolley to see if there is dirt or debris that needs to be removed. Clean these surfaces if need be with a dry cloth.

YEARLY

Have a licensed electrician check all the electrical connections inside the main control box to ensure they are all tight. Especially check the heavy wire connections on the Main Rotary Power Switch, power contactor marked "K1", and the wires on the solid-state heater relays.

SAFETY

IMPORTANT SAFETY REGULATIONS

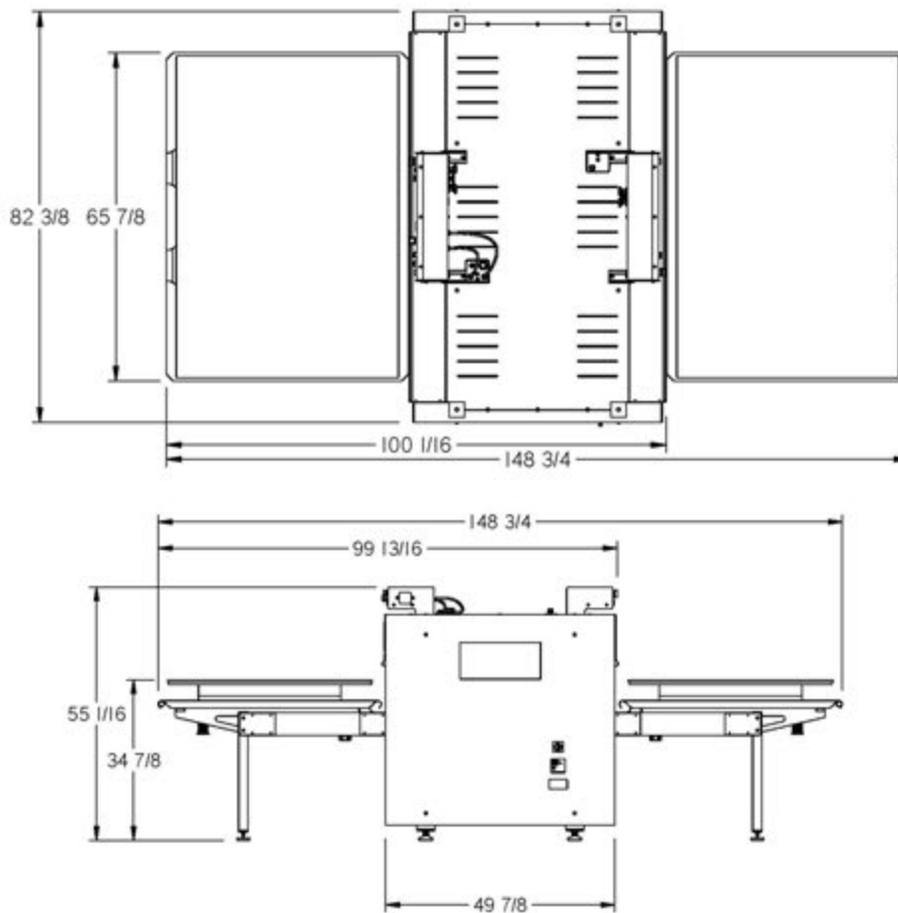
This heat press can be dangerous if used inappropriately or when used for a non-intended purpose. For these reasons the following must be adhered to:

- The heat press may only be used for printing on materials that are resistant to pressure and heat. HIX® Corporation is not liable for resulting damages to the press or substrate if the press is used in a non-intended manner. Modifications to the press in any form are not recommended for safety and warranty reasons.
- Do not allow any liquid to reach any of the electrical components or heating elements.
- Do not insert any objects into vents located on the top cover.
- Ensure that the supplied voltage matches the voltage stated on the serial I.D. decal.
- If an extension cord is used to supply power to the press, ensure that the cord and any electrical plug/receptacle used has adequate voltage and current capacity.
- Operation of the press is to be performed by trained personnel only, who have read this manual and understand all safety aspects of the machine.
- General legal and other binding regulations for accident prevention and environmental protection are to be considered in addition to this instruction manual.

TROUBLESHOOTING

PROBLEM	REASON	REMEDY
Heat press will not come on	<ul style="list-style-type: none"> E-Stop pressed Main Rotary Power Switch turned off No power to the machine 	<ul style="list-style-type: none"> Reset the E-Stop Turn the switch to the "ON" position Check power plugs, cables, and fuses or breakers in the facility main disconnect box
Temperature control shows error or heats irregularly	<ul style="list-style-type: none"> Bad thermocouple, controller, or heater relay 	<ul style="list-style-type: none"> Call HIX® Customer Service
Heat press will not close	<ul style="list-style-type: none"> No or inadequate air pressure supply to machine Lower platen not fully pushed into the press BOTH green start buttons not pressed at the same time Hand protection gates not fully closed (Operation Mode) 	<ul style="list-style-type: none"> Verify pressure on air filter/regulator on back of machine is set at 110 PSI and shows that pressure on gauge Push lower platen fully in to a dead stop, check trolley rollers to ensure there is no blockage Press BOTH green start buttons at the same time Check if gates are jammed, air regulator on back of machine is set to 110 PSI
Printing process is interrupted	<ul style="list-style-type: none"> Too much space between upper heat platen and substrate 	<ul style="list-style-type: none"> Review substrate limits outlined on page 20 and install proper lower platen spacer
Heat press does not create enough pressure	<ul style="list-style-type: none"> Print mode set on "CENTER ONLY" Operating pressure set too low 	<ul style="list-style-type: none"> Change print mode to "ALLOVER" Increase operating pressure (page 20). Maximum setting is 90 PSI
Base plate rolls away	<ul style="list-style-type: none"> Heat press is not "Level" 	<ul style="list-style-type: none"> see page 6, #10
Print is irregular	<ul style="list-style-type: none"> Wrong settings for print time, temperature, or operating pressure Lower foam sponge pad worn out Problems with printer, ink, paper or substrate 	<ul style="list-style-type: none"> Change settings to those recommended by the transfer and substrate manufacturer Replace pad Contact manufacturer of products to discuss

DIMENSIONS & SPECIFICATIONS



SPECIFICATIONS

WEIGHT

SOLO: 1630 lbs | TWIN: 1890 lbs.

CRATED WEIGHT

SOLO: 2560 lbs. | TWIN: 2820 lbs.

VOLTAGE

220 Volt / 3Ph / 60 Hz
380-415 / 3Ph / 50 Hz

HEATING POWER

17 kW @ 220V
20 kW @ 415V

AMPERAGE

45 Amps @ 220V
30 Amps @ 415V

TEMPERATURE

Up to 410°F / 210°C

MAXIMUM PRESS PRESSURE @ 90 PSI

24,000 lbs. total

9 pounds per unit measure (44" x 64")

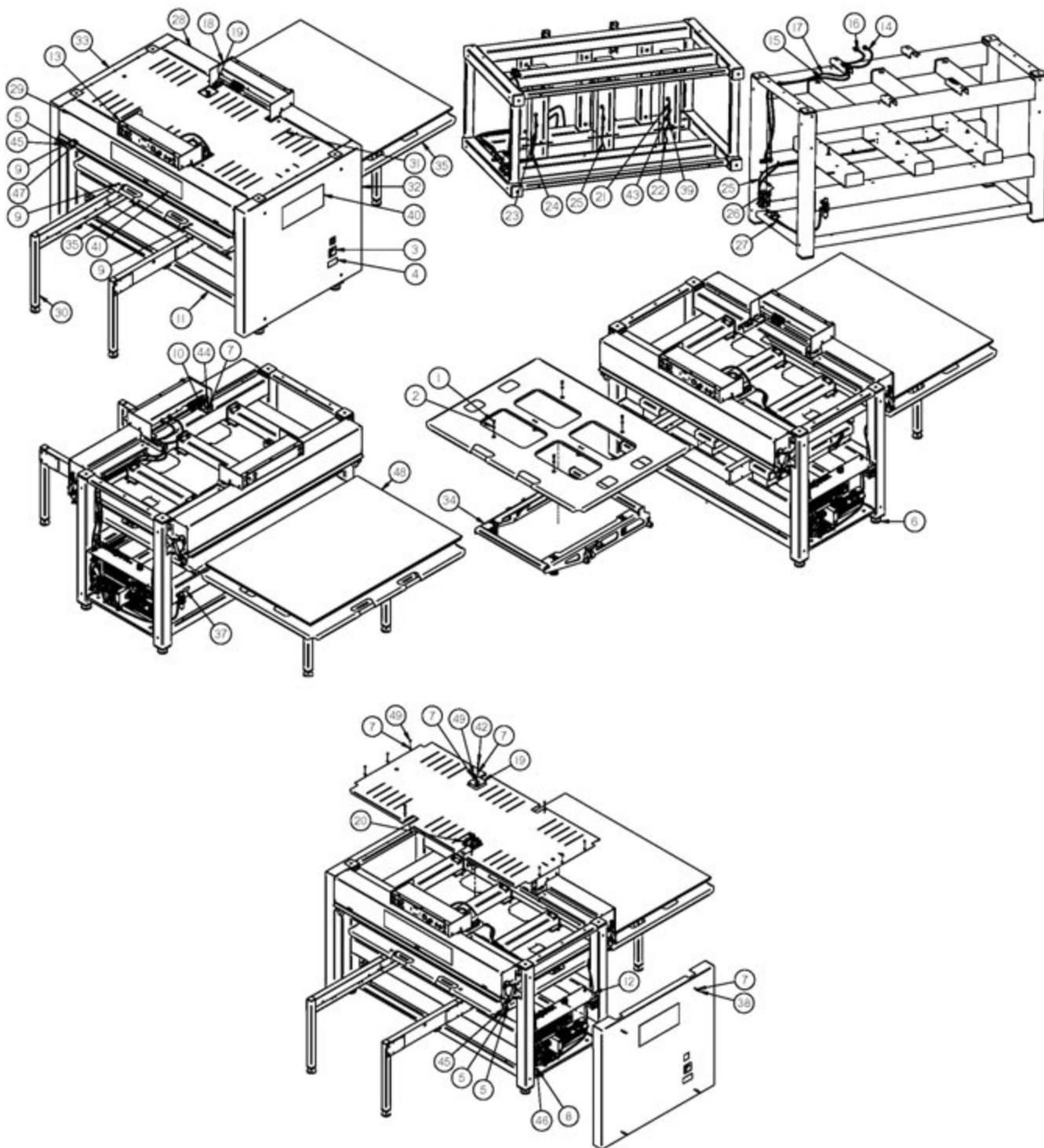
COMPRESSED AIR SUPPLY

125-150 PSI @ Inlet

CFM CONSUMPTION

3 CFM per cycle

REPLACEMENT PARTS LIST (208-240V TWIN MODEL)



REPLACEMENT PARTS LIST (208-240V TWIN MODEL)

ITEM#	PART#	TITLE	ITEM#	PART#	TITLE
1	86702	SCREW CPSKT 3/8-16x0.875			
2	79418	WASHER LOCK HEL SPR 3/8 ZP			
3	70268	DECAL HIX I.D. 3" X 3" SILVER			
4	60013	DECAL, DANGER HAZARDOUS VOLTAGE			
5	47753	NUT 3/8-16 JAM			
6	3627201	ASSEMBLY, 3/4-10 LEVELER			
7	16774	WASHER FLT .281 X 0.625 X .063 ZPS			
8	16659	WASHER FLT .313x0.750x.063 ZPS			
9	14910	DECAL HOT SURFACE SYMBOL			
10	1170269	BRACKET, TOP SUPPORT			
11	1170268	ASSEMBLY, PRE-PRESS 1			
12	1170259	ASSEMBLY, ELEC BOX 208 / 240V 4.3"			
13	1170215	ASSEMBLY, CONTROL PANEL SOLO 4.3"			
14	1170203	TUBE 12, 3/8 BLUE			
15	1170202	TUBE 11, 3/8 BLUE			
16	1170201	TUBE 10, 3/8" RED			
17	1170200	TUBE 9, 3/8" RED			
18	1170195	ASSEMBLY, CONTROL PANEL TWIN			
19	1170180	ASSEMBLY, TWIN CONTROL PANEL			
20	1170178	ASSEMBLY, PNEUMATIC TRANSITION 1			
21	1170177	TUBE 10, 5/16" CLEAR			
22	1170175	TUBE 8, 1/4" BLUE			
23	1170174	TUBE 7, 5/16" DIA. CLEAR			
24	1170173	TUBE 6, 1/4" BLUE			
25	1170172	TUBE 5, 1/4" BLUE			
26	1170171	TUBE 5, 3/8" BLUE			
27	1170170	TUBE 4, 3/8" DIA. RED			
28	1170169	ASSEMBLY, HAND GUARD COVER TWIN			
29	1170162	ASSEMBLY, HAND GUARD COVER SOLO			
30	1170146	ASSEMBLY, TROLLEY STAND			
31	1170108	ASSEMBLY SKIN TOP			
32	1170100	ASSEMBLY SKIN LEFT SIDE			
33	1170094	ASSEMBLY SKIN RIGHT SIDE			
34	1170086	ASSEMBLY, TROLLEY			
35	1170066	ASSEMBLY, BOTTOM PLATEN			
36*	11247	MANUAL, LF-4464 4.3"			
37	11051	DECAL, CLEAN AIR INPUT LF-4464			
38	11050	SCREW MCH 1/4-20 X 1.500 PHP SS			
39	10981	FTG 1T REDUCER 5/16X1/4			
40	10821	DECAL, LF4464 SIDE			
41	10818	DECAL, HIX LOGO 30 INCH			
42	10797	SCREW MCH 1/4-20X2.25 THPH SS			
43	10735	VALVE QUICK EXHAUST 5/16X5/16			
44	10730	SCREW MCH 1/4-20 X .750 PHP SS			
45	10727	FOOT RUBBER 1.57 X 1.1 WTH 3/8-16 STUD			
46	10661	SCREW MCH 1/4-20 X .750 PHP			
47	10612	DECAL, PINCH POINT			
48	10606	PAD LF 44.5"X64.5"X10MM SIL			
49	10259	SCREW MCH 1/4-20X.500 THPH SS			

WARRANTY

BEFORE warranty repair you MUST get Prior Authorization: Call 1-800-835-0606 Warranty will be voided otherwise.

(Effective 9/1/2021)

HIX® Corporation (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, 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 PROOF OF PURCHASE 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 Graphics equipment manufactured by the HIX® Corporation (HIX), Pittsburg, Kansas, U.S.A. HIX warrants to the original purchaser, its Heat Transfer Machines, Ovens and Dryers, Printers, Spotheaters 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 Accessories for a period of 90 days from the date of purchase. 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 warranty period subject to the limitations of insurance and shipping costs stated below (excludes labor).

In the case of heat transfer presses (except the Hobby Lite® and Large Format presses), 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 in the event of an obsolete part.

This warranty does not cover belts, rail tape, pads, mug wraps, canvas, rubber blankets, bulbs, glass. Warranty does not cover 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 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.

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.



1201 E. 27th Terrace • Pittsburg, KS 66762 • U.S.A.

Phone: (800) 835-0606 • Fax: (620) 231-1598

Web site: hixcorp.com • E-Mail: support@hixcorp.com