

# SD-2632

Screen Dryer

## OWNER'S MANUAL



SD-2632 shown



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:**

# **RECEIVING & SHIPPING**

## **UNPACKING**

Remember to save all packing materials - including box, base and liners. 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.

## **SHIPPING OR RETURNS**

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

**DO NOT RISK COSTLY SHIPPING DAMAGE!**

**SHIP ONLY IN ORIGINAL BOX.**

1. Place FD-2632 in original box. Secure with reinforced shipping tape.

(Additional box, base and liners may be obtained from your supplier for a nominal cost.)

## SETUP / OPERATION

### SET UP

1. Remove the Screen Dryer from its carton and inspect for shipping damage. Report any damage you find to your shipper immediately. Place on a sturdy, level surface.
2. Unwrap the cordset and plug into the grounded power source.

**NOTE:** When using an extension cord, use only grounded 14 gauge or lower gauge with a maximum length of 25 feet.

The HIX screen dryer is equipped with heat and a filtered air circulation system. The **Power On** switch on the upper area of the front face turns on the blower fan. The built-in blower system will achieve moist air replacement at the rate of 200 cfm.

The **Heater on** switch beneath it activates the heat element. After the initial warm up, the preset thermostat inside the dryer is designed to maintain temperatures at approximately 110° degree F. You can also choose to run the air circulation without heat.

In combination, the heat and air can greatly improve the drying times of coated and degreased screens.

## OPERATION

Your HIX screen dryer was designed to hold up to 8 screens up to 26" x 32" in size.

The HIX screen dryer can be used effectively for:

- Drying screens that have been degreased.
- Drying screens that have been coated with emulsion.
- Drying screens that have been exposed and washed out.
- Storing exposed and unexposed screens in a dark and dust free environment.

The innovative angle rack system is designed to eliminate cumbersome movable screen holders that grind and bind up after excessive use. Each of the eight tiers has its own angle bracket mounted on the right side of the dryer wall to support the edge of the screen frame. Additionally there are two bars, one in the front and back to support the left side of the frame with minimal contact. The bars are angled on a 10° degree slope, with the HIX exclusive filtered Hot Air flow slots beneath each screen.

### INSERTION OF SCREENS:

Normal screen prep involves stretching, degreasing, and lastly coating the screens with emulsion.

1. As you finish coating each screen, take the screen and gently insert it in and along the angle bracket rail located on the right side of the screen dryer until it clears the edge of the door frame.
2. Gently set the left side of the screen frame down until that corner rests on the angled bar (see Fig 1). The angle rack brackets and bars are preset so that any size screen will always be level, and contact with the screen frame will be minimal, occurring only on the bottom corner edge.

**NOTE:** There are no movable parts on the screen racks.

## OPERATION



Fig. 1

### DRYING TIMES:

Drying times will vary, depending on many factors:

- Are you drying wet screens or liquid emulsion?
- What mesh counts are you using; coarse or fine?
- What is the consistency of your emulsion?
- Are you seeking a thick or thin application?
- Did you air blow water out of recycled/ washed out screen?

In house testing will better determine your drying time.

**Note:** Be mindful that poorly coated screens may drip emulsion onto the screens below.

Freshly coated screens need a dark environment because they are light sensitive. Always remember to shut the door. When the screens are dry move them into another dark dust free environment or seal them in dark or covered plastic bags.

## OPERATION

In high volume operations it is suggested that preparing screens in sets of eight (maximum capacity) is the best way to maintain efficient use of the dryer. When each set of screens is completed remove them from the dryer and store in a dark dust free environment in preparation for the next step. Note: screens coated with emulsion must be kept out of the light at all times during the drying phase and in storage to avoid curing the emulsion prematurely. The durable melamine top is great for preparing, stretching or coating screen mesh during pre-press. It can also be used as a base for the TT180 exposure unit which has the same dimensions as the HIX screen dryer.



## MAINTENANCE

### AIR FILTER:

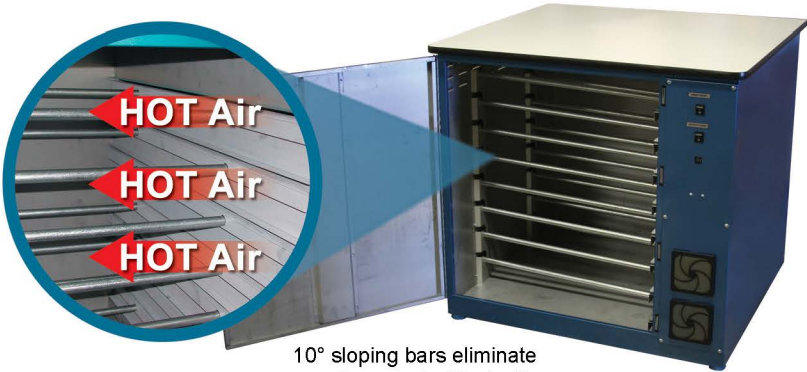
The dust free environment inside the HIX screen dryer is achieved by the use of an open foam filter, which should be removed and cleaned monthly or more frequently in dusty environments. The filter is located near the bottom of the unit on the right side. The filter can be easily removed by unsnapping the black plastic cover and removing the filter. After cleaning, simply hold the filter over the air intake vent and snap the plastic filter cover back into place.

## ORDERING PARTS

**CALL 1-800-835-0606 for parts and customer service.**

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## SPECIFICATIONS



- 26" x 32" counter top perfect for screen stretching surface or table top exposure unit.
- 1,600 watts/5,400 BTU, 14 amps / 120 volts.
- Custom models available.
- Innovative angle rack system, with self leveling configuration eliminates moveable parts.
- Filtered Air prevents pin holes.
- Galvanized interior resists rusting.
- Slotted air knives provide even heated air to every frame.
- 8 fully adjustable frame rails for screens up to 26" x 32".
- Air circulation system removes moist air displacement and the rate of 200 cfm.
- Door seals prevent light from entering and air from escaping.
- Separate fan & heat switch.
- 120V also available in 220V.



# 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.

**HIX CORPORATION**  
*Design and Manufacturers of Graphic Imaging, Commercial Food, Industrial and Custom Drying Equipment*

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