



WORKHORSE PRODUCTS

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Shown MERCURY INFRARED COMPACT CONVEYOR DRYER and SPOT DRYER



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Introduction

Congratulations on your purchase of the MERCURY INFARED COMPACT CONVEYOR DRYER by WORKHORSE PRODUCTS. It should only take a short amount of time to assemble the Dryer as most of it is Pre-Assembled at the factory.

Check the Crate for damage, DO NOT except the crate if damaged due to improper handling during shipping. Report any damage to the Carrier at once as well as WORKHORSE at 800-557-7889.

Inspect the Crate contents IMMEDIATELY while the carrier is still there. Our packaging has been carefully designed to handle normal shipping conditions. However, we cannot make up for mishandling by the carrier. Upon first sight of freight damage notify or point out to the driver and file your claim with the carrier, then notify WORKHORSE at 800-557-7889.

Read Instructions first

First read the instructions completely before you attempt to assemble the Dryer this will formularize you with the parts and the sequence of assembly and will make the easy assembly go even faster.

Features

- MERCURY INFARED COMPACT CONVEYOR DRYER offers the space saving and power requirements needed for a small shop. Economically priced, yet providing faster production then just a Spot Dryer.
- 2300 WATTS of POWER - The 30" heat chamber contains an 18"x20' infrared Heat panel; producing 2300 Watts of power.
- Compact Size - The Mercary Compact Dryer series are small enough to fit almost anywhere. With a foot print of 32" (12.6cm) x 66" (26cm), it takes up very little room and can be used as a portable Dryer for those "on site" printing jobs.
- Air Cooled hood - The Mercury Compact Series features AIR FLOW to keep the Hood cool.

Adjustable Chamber Openings - Sliding doors at the entrance and exit of the Heat chamber improve heat stability for consistent curing temperatures.

Exhaust Ring - an external exhaust ring on top of dryer allows hook up to a standard duct size to vent the dryer externally in a small place.

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SAFETY PRECAUTIONS



The Mercury Dryer Ships in one wooden Crate (Photo 1). Uncrate using a power Screwdriver (Photo 2).



Unband using scissors (Photo 3)., be careful that the band does not spring towards you. Remove the shrink wrap (Photo 4).

Layout all the Parts

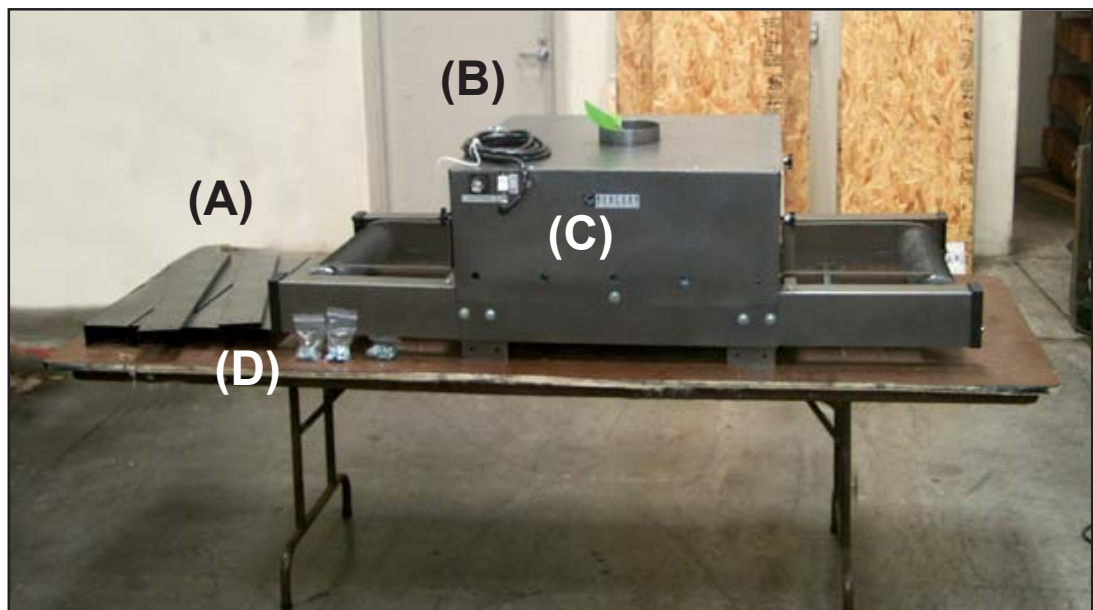
(A) 4-Legs- 2 Cross braces

(B) Power Cord

(C) Dryer Body

(D) 3-Bags of Nuts, Bolts and washers

Dryer comes fully assembled including Belt and attached Power Cord



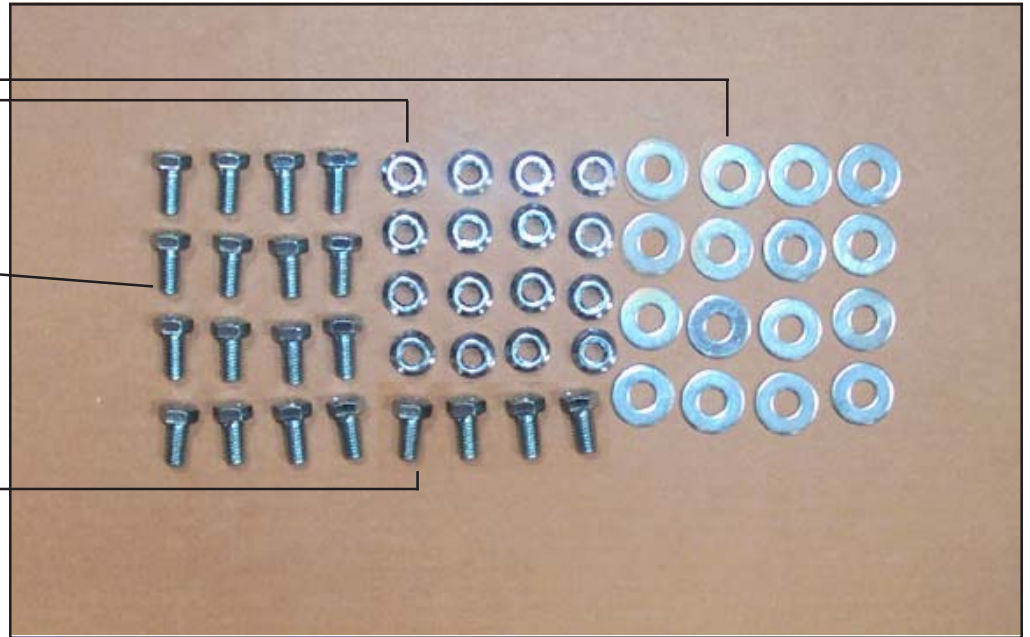
Parts Bags

16-Washers

16-Flanged Lock Nuts

16-Leg Bolts

4-Leg leveling Bolts



Step 1 Putting on Legs Photo 1

The Mercury Infrared Compact Conveyor Dryer can be used as a Table Dryer or a Floor Dryer.

To use as a Floor Dryer you need to attach the four legs that come with the Dryer. Start by using four 5/16 -18 x 3/4" bolts, washers and flanged lock nuts to attach two legs to a Cross Brace. Tighten by hand not wrenches.

Turning the legs so the bottoms are up keeps you from having to stoop down. The bottoms have the threaded hole for the Leveling Bolts.



Step 1 Putting on Legs Photo 2

Once you have both sets of Legs finished turn them so that the Braces go from the front to the back, this sets the width of the Dryer. Make sure the Bolt Holes are at the top of the legs.

Line up the two sets of Legs with the Leg Tabs on the Dryer Body.



Step 1 Putting on Legs Photo 3

Using two people lift the dryer from the table and drop one side of Leg tabs into one set of legs. Just move around till the Leg tabs fit into the Set of legs

Once you have one set of Leg tabs in a set of legs you can move the Dryer to fit the other set of Legs.

**Step 1 Putting on Legs Photo 4**

While the other person holds up his/her end the one that has his/her Legs tabs engaged can go around and adjust the legs so they fit the other Leg Tabs.

make sure both set of leg tabs are fully engaged and bottomed out.

**Step 1 Putting on Legs Photo 5**

After you get both sets of Legs attached use a pair of 1/2' wrenches to tighten the Flanged Lock Nuts and Bolts.



Step 1 Putting on Legs Photo 6

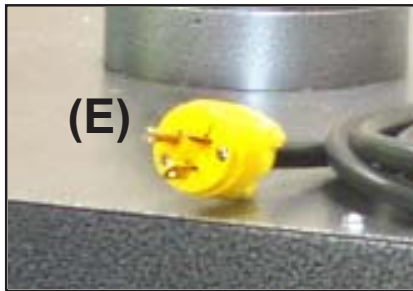
After you get both sets of Legs attached install the leg leveling Bolts. have one person hold up the dryer while the other screws in the leveling Bolts.

If the dryer rocks on the floor just screw the Leveling Bolt in or out on the corner that rocks to hold the Dryer steady.

DO NOT USE THE LEVELING BOLTS TO RAISE THE HEIGHT OF THE DRYER OR DAMAGE COULD RESULT. Lift the Dryer Leg before Leg attempting to Level the Dryer.



With the On/Off toggle Switch (B) in the OFF position, plug in the Unit. **MUST BE A 30 AMP DEDICATED CIRCUIT.** See yellow 115 plug (E) Cord (D)



Set the belt speed (A) to approximately 35% and push the On/Off Toggle Switch (B) to the on position. The Indicator Light (C) will come on, the belt will start to turn and the Element will heat up.

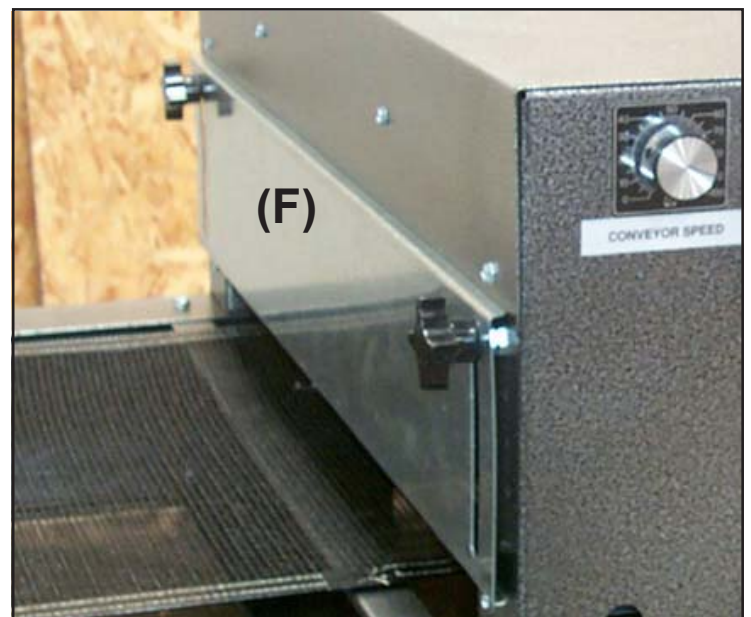


Adjust the Sliding Doors, by loosening both knobs on each door (F) high enough so that the substrate you are printing can pass easily under the doors. **IF THE DOORS ARE TOO LOW THE SUBSTRATE WILL BE TRAPPED IN THE TUNNEL AND WILL CATCH FIRE!**

Don't touch the Doors after the Dryer heats up they get hot, use oven mitts to adjust if needed.

Test the first substrate through with a Heat Gun and adjust the belt speed to achieve the recommended ink curing temperature.

DO NOT PLACE THE DRYER IN A DIRECT BREEZE SUCH AS A FAN OR OPEN DOOR WAY AS THIS WILL CAUSE CURING PROBLEMS!



TRACKING BELT



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Shown MERCURY SPOT DRYER

11002 ☐

11003 ☐



Mercury Spot Dryer Parts 1

The Mercury Spot Dryer comes in two models a 115vac and a 230vac.

Both come in one Box that contains all the parts.

- 1 Mercury Heater Element w/controls.
- 4 Legs with Locking Casters
- 1 Outside Floor Extension Tube
- 1 Inside Floor Extension Tub
- 1 Bag of Parts

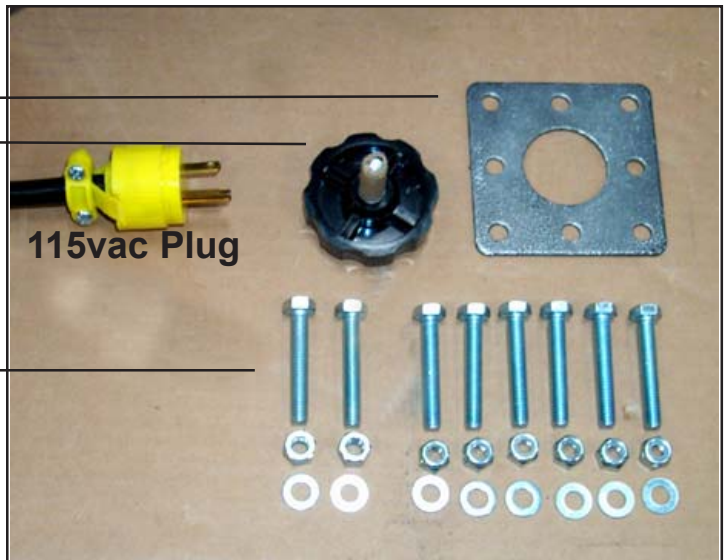


Mercury Spot Dryer Parts 2

Parts in Bag:

1 Leg Secure Plate

1 Height Adjusting Knob



115vac Plug

8 Sets of Leg Bolts

Step 1 Putting on Legs Photo 1/2

Take one of the Legs and line up with the first TWO holes.

Then put a Bolt through the TOP hole in the Plate that is attached to the Outside Extension and the Leg with the Locking Caster facing away from the Extension.

Then place the Leg securing Plate on the bottom with the bolt going through. (photo 1)



Place the rest of the Bolts and Legs using just the first two holes per Leg.

Step 1 Putting on Legs Photo 3

Continue to install all the legs to the Outside Extension. See insert for correct Leg placement.



Step 2 Install Heat Element 4/5

Once you have installed all the legs put the Outside extension on the floor and attach the Height Adjusting knob.

Then place the Inside extension and tighten the height adjusting Knob. (photo 4)

Then place the Dryer Element Head on the Inside Extension using the Short Tube Extension (photo 2)



Step 2 Install Heat Element 6

Once you have installed the Dryer Element Head, push the Inside Extension all the way inside the Short Tube Extension.

ALL WAYS HOLD THE INSIDE EXTENSION TUBE WHEN ADJUSTING THE HEIGHT OF THE DRYER TO PREVENT IT FROM HITTING THE FLOOR>



LIMITED WARRANTY AND WARRANTY REGISTRATION

Registration Form

Company Name: _____	Contact Name: _____
Address: _____	Phone Number: _____
_____	Fax Number: _____
City: _____	Email : _____
State: _____	Cell Number: _____
Country: _____	Serial Number: _____
Zip Code: _____	Date Recivied: _____
Model Number: _____	
Date Purchased _____	

Please Fax Registration Form for warranty to take place

ELECTRICAL INSULATION

DRYER SPECIFICATIONS

**INTERNATIONAL ELECTRICAL SPECIFICATIONS and CE DECLARATION of
CONFORMITY**

PARTS and REPLACEMENT PARTS LIST