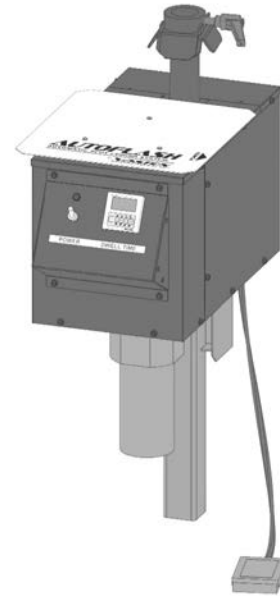




# Autoflash

## Assembly, Operating, and Maintenance Instructions For Vastex Autoflash Attachment



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Electrical Drawing #: \_\_\_\_\_ Rev: \_\_\_\_\_

Serial Number: VTX \_\_\_\_\_ Date:     /     /    

(Please log your machine's serial number and date of purchase for future reference.)



## — Introduction

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Congratulations, you have chosen a VASTEX Autoflash Attachment. VASTEX has been designing and building screen printing equipment since 1960 and has the knowledge and expertise to supply a quality machine and help you keep it running for years to come. VASTEX has innovated many of the features found in screen printing equipment today from control methods, modular features, air movements, belt tracking and even the dual rotary manual press. All components are tested to be sure they work correctly when the equipment leaves our factory.

## — Safety

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### **The Instruction Manual and Safety Instructions must be read and understood by anyone operating the Vastex Autoflash.**

- The operator should read and understand the instruction manual before operating this equipment. Store instruction manual and safety instructions near equipment for easy access to operators.
- VASTEX Autoflash attachment is for use on Vastex Flash units in accordance to the language in this manual. Do not use for any other purpose unless authorized by Vastex International, Inc. Use of this equipment for any other purpose can be dangerous and may cause damage to this equipment, voiding the warranty.
- It is recommended that the area around this equipment be designated as a work area and only authorized employees be allowed in the area.
- Children and pets must be kept clear of the work area.
- Do not place any objects on top of the Autoflash or Flash Head. Surfaces are hot!
- Never leave equipment unattended.
- Do not operate Autoflash with any cover or guard removed.
- Operator must be familiar with controls of the Autoflash and Flash Head.
- Before starting production, the operator must check that all covers and guards are in place, no material has been placed on or under the Autoflash or Flash Head, and the work area is clear of obstructions.
- Always turn off power at the main disconnect at the end of production.
- In case an abnormal symptom occurs, for example excessive vibration, noise, and strong smell or smoke development, turn off the VASTEX Autoflash and contact a qualified technician.
- Do not remove any cover or guard until power at the main disconnect is switched off and locked out. No unauthorized persons are to be allowed inside the control boxes.
- Turn off and lock out power at the main disconnect before any cleaning or maintenance.
- Only qualified technicians should be allowed to make repairs on the VASTEX Autoflash.
- **Noise and vibration:** This equipment does not produce noise exceeding 70 dB(A) at workstations.
- **Operating Temperature:** Vastex Equipment should not be operated in temperatures below 40°F(5°C) or above 105°F (41°C)

## — Safety (cont'd) —

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- **Stability during use, transportation, assembly, dismantling when out of service, testing, and foreseeable breakdowns:** This equipment is designed and expected to be stable during all foreseeable conditions, so long as the procedures and instructions given in this manual are followed.
- **Safe handling, transport, and storage:** Before storing the unit, detach Flash Head from AutoFlash and store separately. No special handling considerations are necessary, except to be aware of the weight of the equipment and take standard precautions for moving such weights:

Autoflash (AF-120/AF-240) 51 Lb(25 kg) 31" x 22" x 14" (79 x 56 x 36 cm)

## — Residual Risks —

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**Please read and understand all parts of this manual to avoid any Residual Risks.**

- Your Vastex Autoflash moves a high temperature heater. There is an inherent danger when dealing with a heat source of this degree. These heaters are often run at temperatures near 1,000° F(538° C). Any body part or item that comes in direct contact with the heater on the Flash Head will be damaged. The heaters are guarded against direct contact from all sides except the bottom.

## — Workspace —

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- The workspace that your Autoflash occupies must be kept clean and clear of debris.
- Do not store items, especially food or drink, on the top of your Vastex equipment.
- The room that you are operating your Autoflash in should be adequately ventilated. Please refer to the MSDS sheet of the ink you are flashing/curing.

## — Important

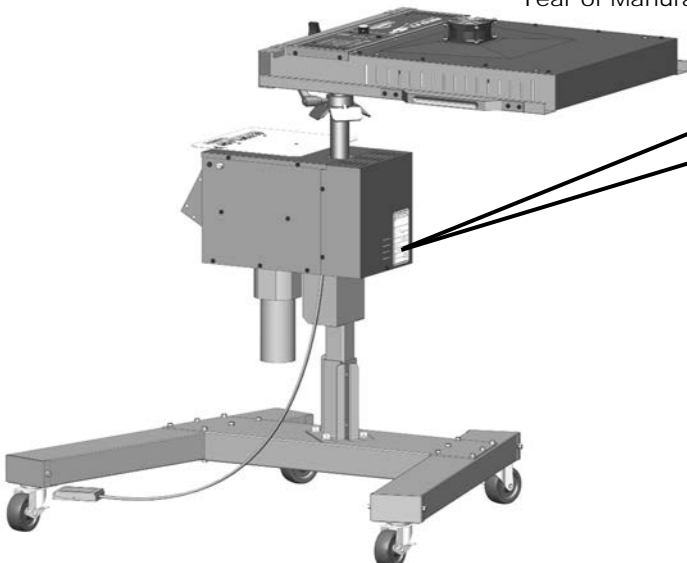
Please read and understand your Flash Head manual before attempting to use or assemble this Autoflash Attachment. Flash head manuals can be found at [www.vastex.com](http://www.vastex.com) or call us to have one emailed/mailed to you directly. This manual only covers the assembly, operation, and maintenance of your Autoflash Attachment.

### Placing your equipment into service and using your machine:

To place your machine into service, follow the assembly instructions on Pages 5-9.

To use your machine, reference the control section on Page 10.

## — Spec Tag



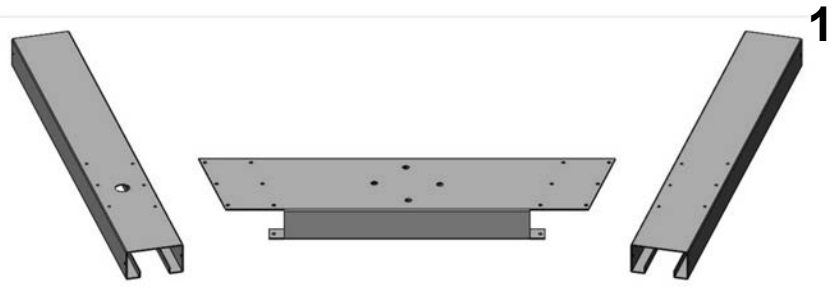
The diagram shows a machine on wheels with a spec tag attached. Arrows point from the spec tag to various parts of the machine, indicating where the information is located.

<b>MADE IN U.S.A.</b>		
MODEL: <b>AF-240</b>		
VOLTS: <input type="checkbox"/> 120 <input type="checkbox"/> _____ <input checked="" type="checkbox"/> 240    OTHER		
FLA:	<b>1</b>	AMPS    50/60 Hz
HEATER KW		
<input checked="" type="checkbox"/> 1 PHASE <input type="checkbox"/> 3 PHASE		
WEIGHT: LBS.	<b>33</b>	CE 01-10-249
YEAR BUILT:	<b>2022</b>	

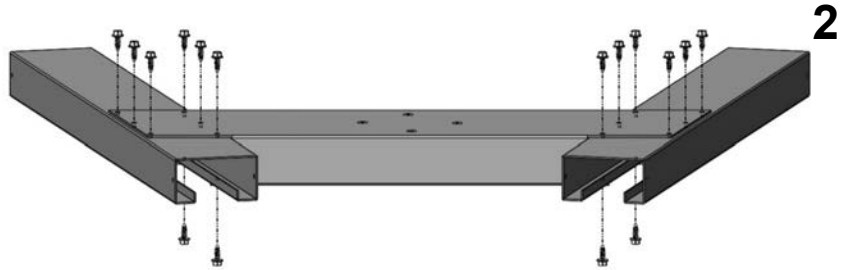
**Note:** Serial Number will be located near the Spec Tag.

## — Assembly (SHHD-STAND) (RedFlash/AirFlash Only)

**1)** Remove all parts from the box they were shipped in.



**2)** Place Legs and Middle on floor as shown. Note hole in left leg for orientation.



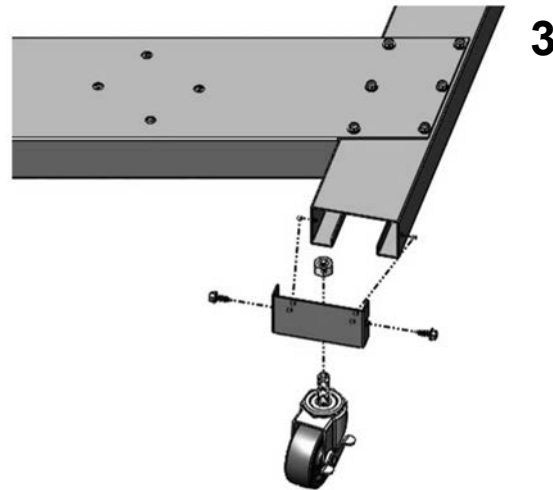
**3)** Install and **Tighten**

-(16) #14 Sheet Metal Screws  
Use 3/8 Socket or Wrench

**4)** Install and **Tighten (4x)**

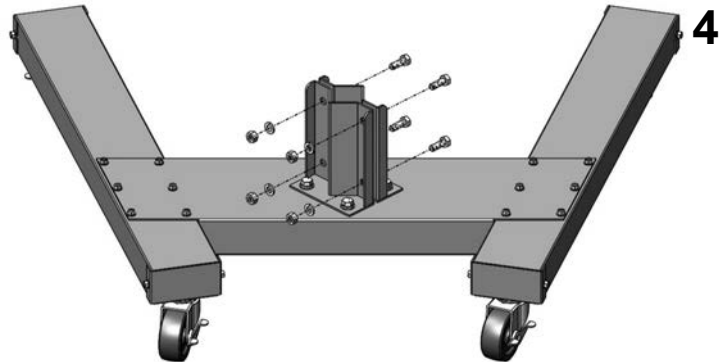
-Attach Wheel and Stud to each bracket with 1/2" nut.  
Use 3/4 Socket or Wrench

-Attach Wheel bracket to Stand Legs using  
(2) #14 Sheet Metal Screws  
Use 3/8 Socket or Wrench



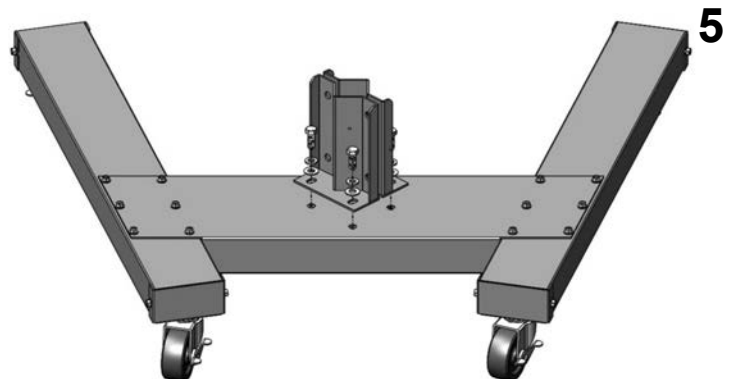
**5)** Install and **Leave Loose**

-(4) 3/8 Bolts, lock washers, and nuts



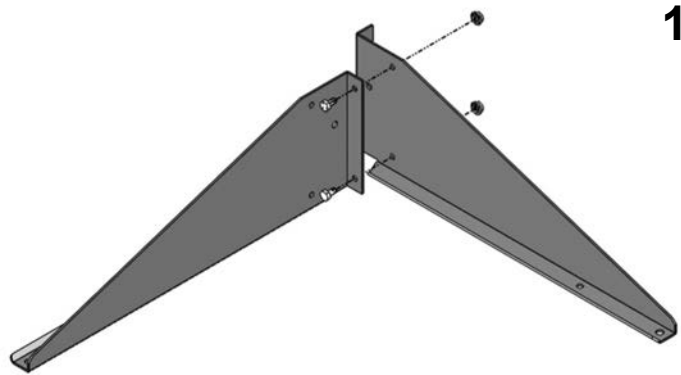
**6)** Install and **Leave Loose**

-(4) 3/8 Bolts, washers, and lock washers

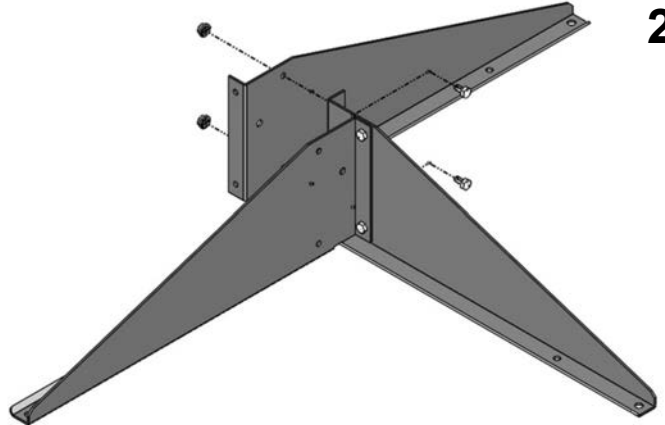


## — Assembly (SH-STAND) (F-100/F-1000 Only)

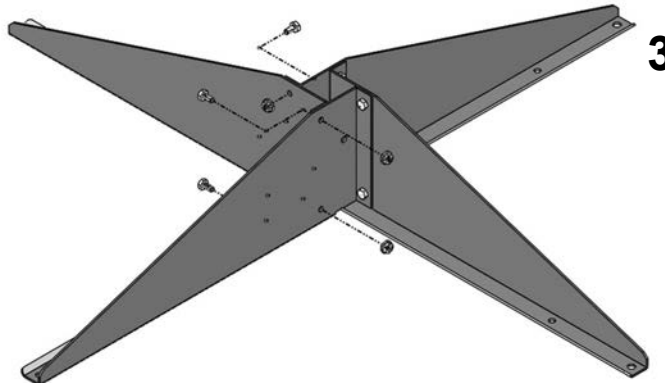
- 1) Install and Leave Loose**  
-(2) Legs  
-(2) 1/4" Bolts and Nuts  
Note Orientation of legs



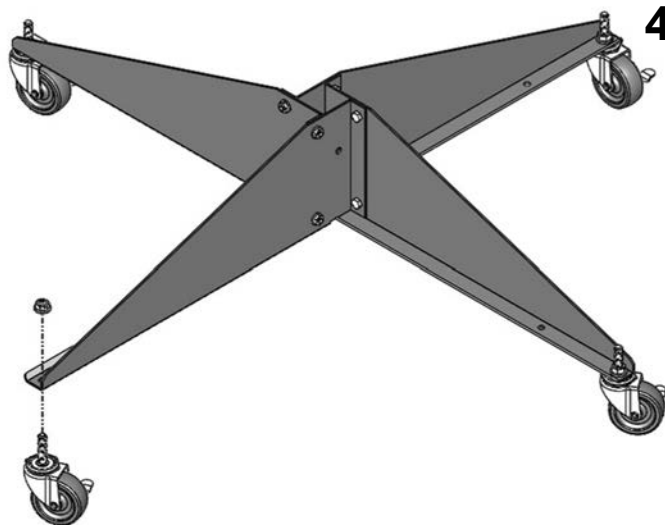
- 2) Install and Leave Loose**  
-(1) Leg  
-(2) 1/4" Bolts and Nuts



- 3) Install and Leave Loose**  
-(1) Leg  
-(4) 1/4" Bolts and Nuts



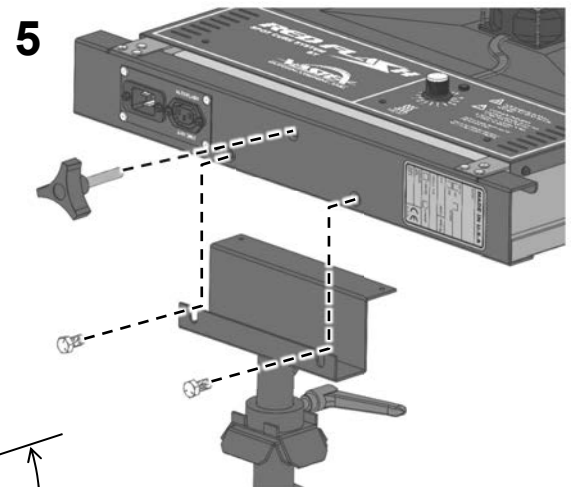
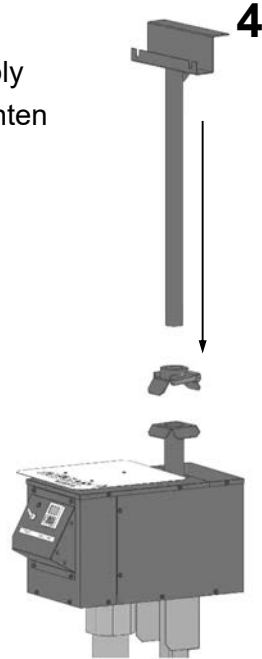
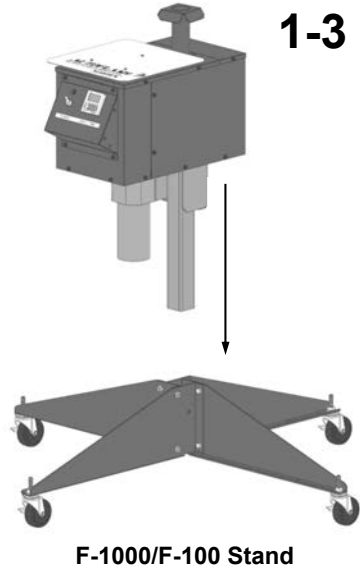
- 4) Install and Tighten**  
-(4) Wheels with studs  
-(4) 3/8" Nuts  
*Use 9/16 Socket or Wrench*



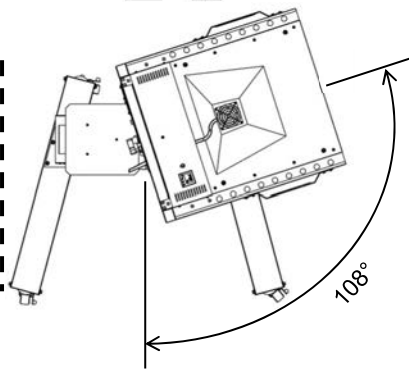
# — Assembly Cont'd —

## Installing AutoFlash Unit onto Standard Stand

- 1) Loosen 1/4" bolts, at the stand center, with 7/16 wrench.
- 2) Insert Autoflash tube as shown.
- 3) Tighten 1/4" bolts and serrated nuts with 7/16 wrench.
- 4) Insert Tube and Saddle Assembly along with detent clamp as shown below.
- 5) Flash head attaches to Saddle Assembly using (2) 3/8-16 bolts and washers. Tighten well with 9/16 wrench.
- 6) Install pitch knob and tighten until flash head is level to your pallet.



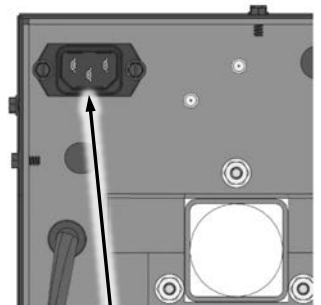
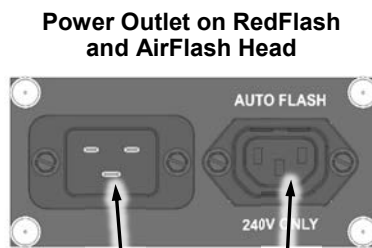
*Do Not position the flash head over the control box when in the home position. Excessive heat can damage the electrical components.*



**Power Outlet Located on the Bottom of Autoflash**

- 7) Plug in your Autoflash and Flash head. Refer to wiring diagram and Flash Head manual.

**NOTE:** For RedFlash and AirFlash, if sold as a combo with an Autoflash 240 volt, install the Autoflash power cord to the back of the Flash Head.

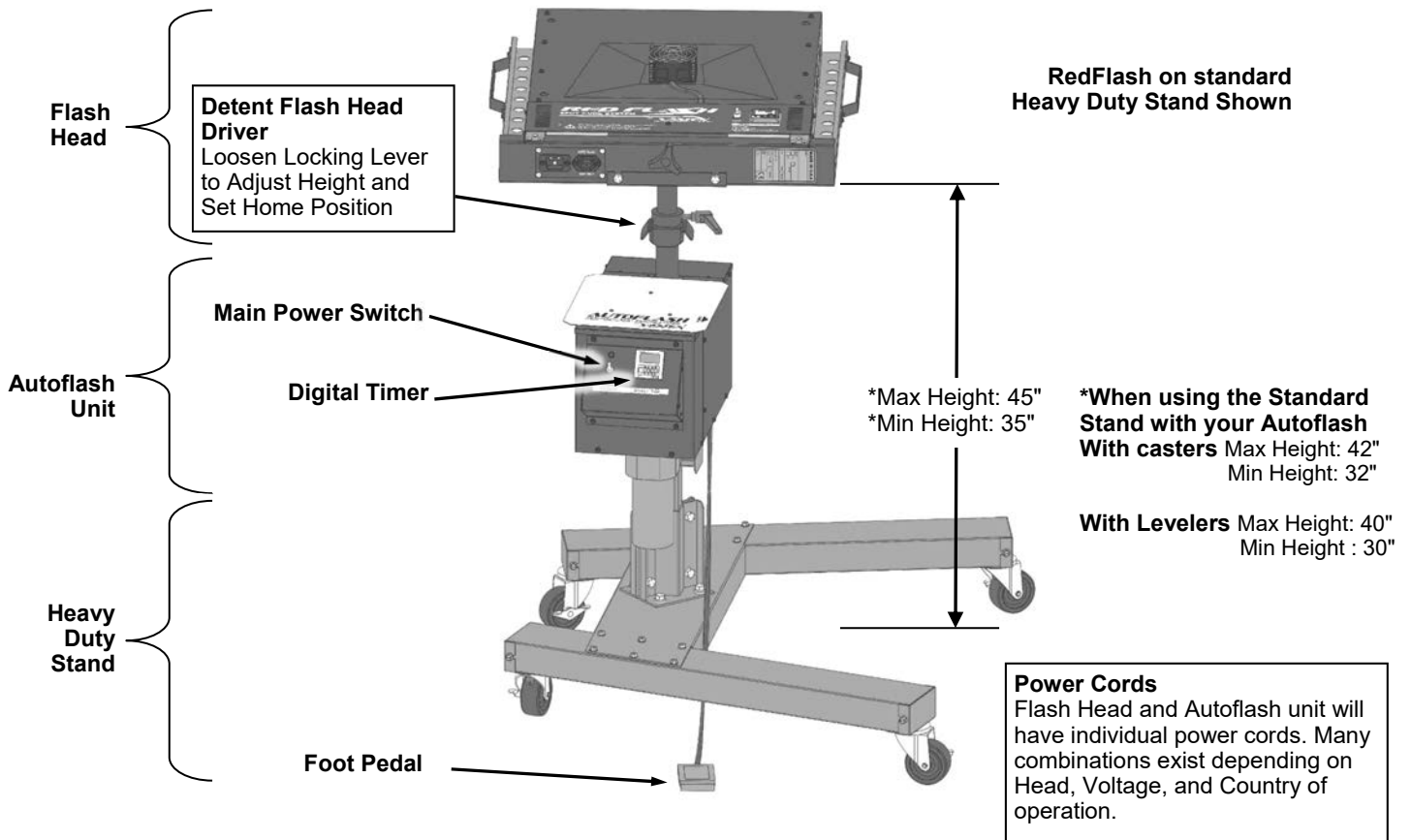


**Flash Head Main Power**

**Autoflash 240V Main Power**

**Main Power to Wall Outlet or Flash Head**

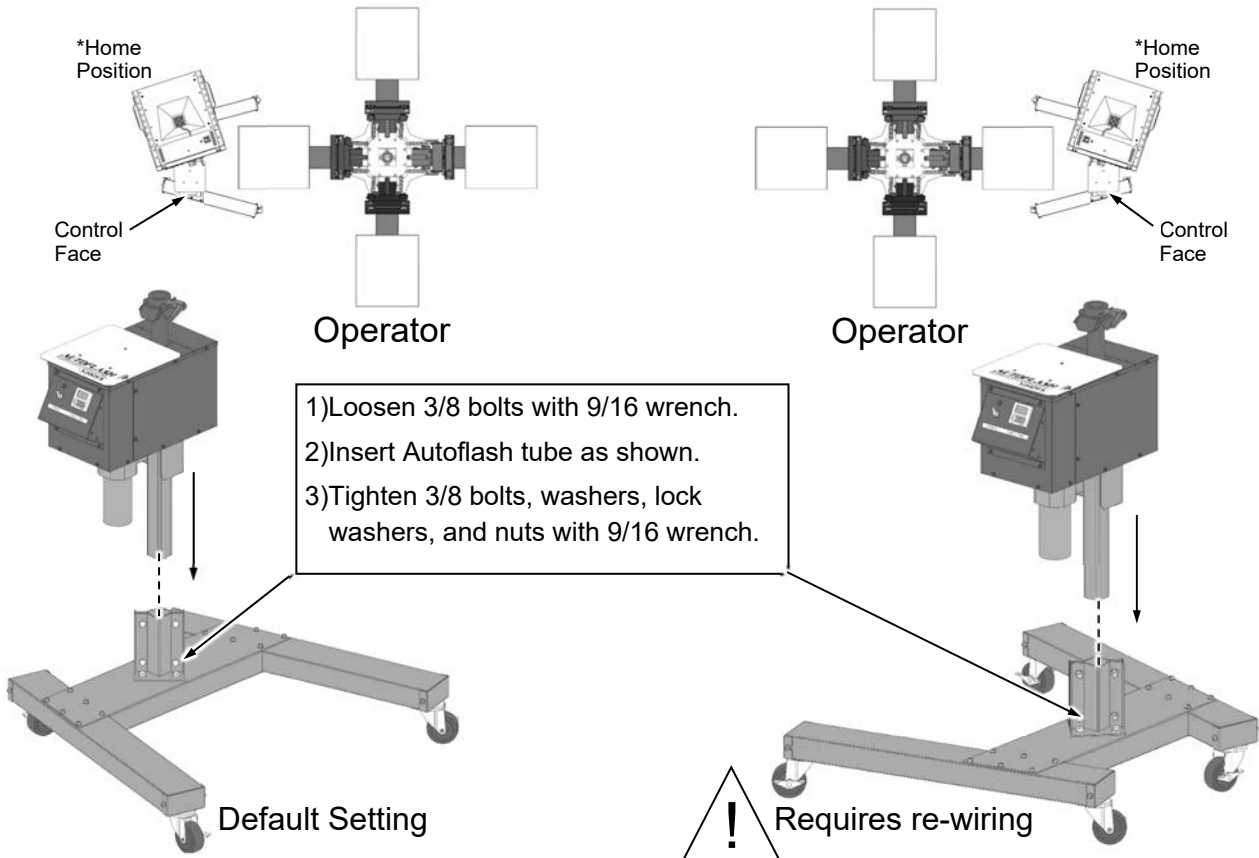
# — Component ID



# — Select home position

## Installing AutoFlash Unit onto SHHD Stand

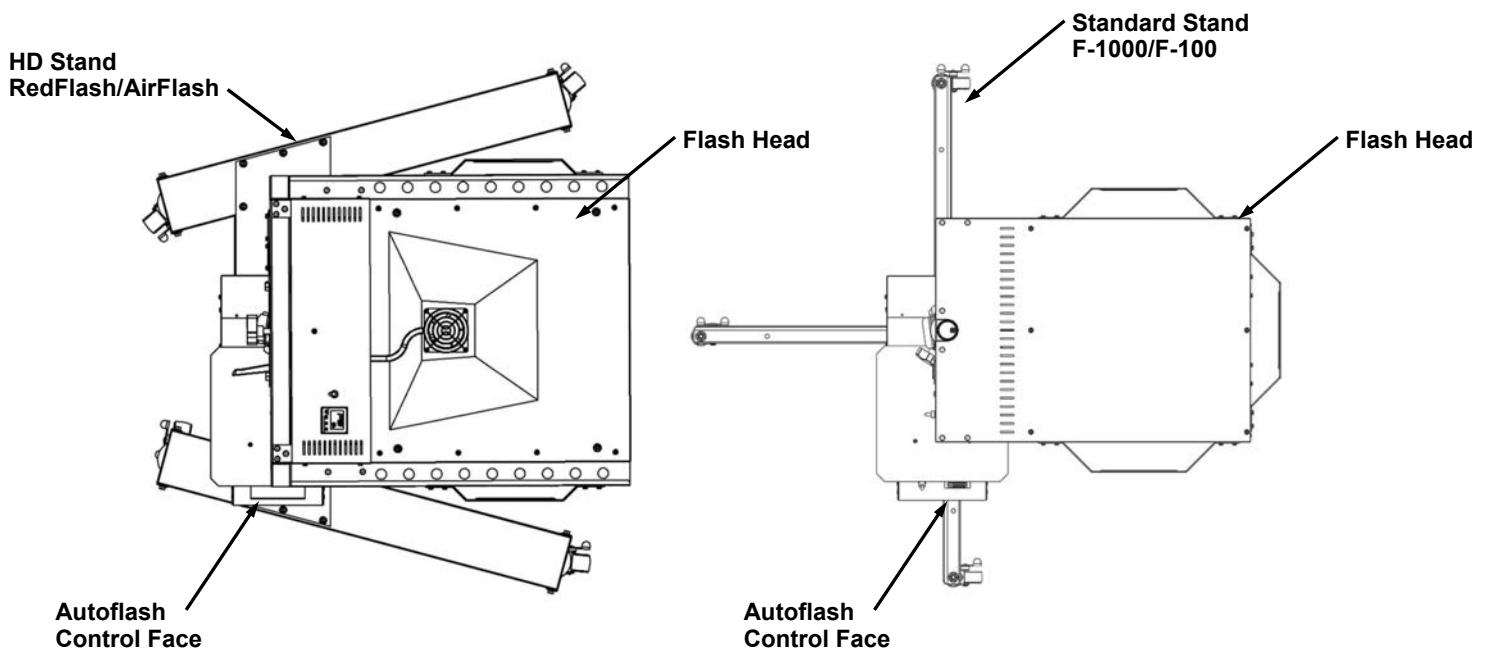
-Orientation is based on user operation





## — Setting Home/Extended Position

- 1) Plug your machine in and turn it on.
- 2) Set the Dwell Timer to 15 seconds or greater.
- 3) Press the Foot Pedal and wait for the Flash Head to make its rotation.
- 4) Once the Flash Head comes to a complete stop, turn the machine off using the power switch. The machine is now in the Extended Position.
- 5) With the machine in the Extended Position rotate the Flash Head so it is centered between the stand's legs or over the pallet. See the images below.
- 6) Turn the machine back on and let the Dwell Timer finish its Cycle. This will put the Flash Head back into its Home Position.



The Drawing on the left shows the flash on a Heavy Duty Stand in the Extended Position.  
The Drawing on the right shows the flash on a Standard Stand in the Extended Position.

**NOTE: Do Not position the flash head over the control box when in the Home Position. Excessive heat can damage the electrical components.**

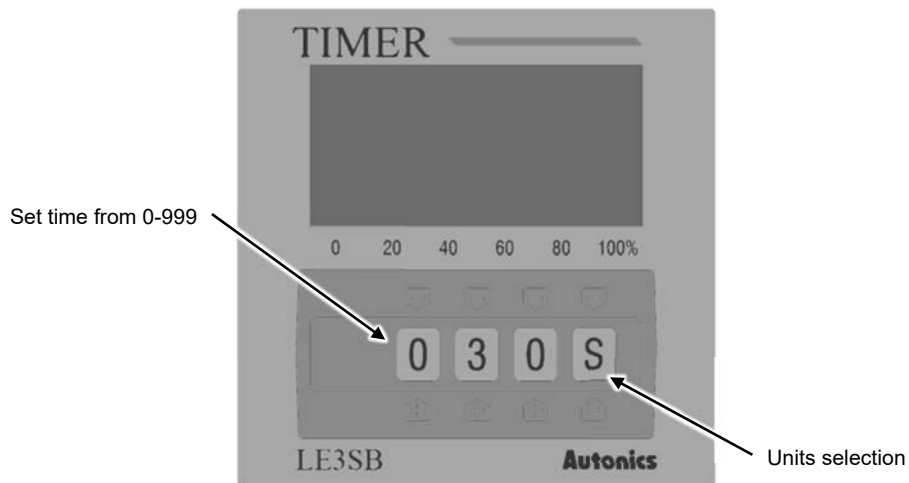
## — Operation

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- 1) Place your machine in a clear area on the shop floor allowing for enough room for the Flash Head to rotate.
- 2) Set the Dwell Timer to the desired time. See *Timer Instructions*.
- 3) Press the Foot Pedal.
- 4) Adjust the height of the Flash Head by loosening the Clamp Lever on the Detent and set 1"-2" (2.54cm-5.08cm) between the heater face and pallet top.

## — Timer Instructions

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The Timer is set at the factory to seconds. Adjust the timer using the four buttons on the bottom. The letter on the right corresponds to the units of time being measured. A capital "S" stands for seconds, "M" for minutes.

\*Once activated the timer will count down to zero, then the flash head will return to its home position.

# — Maintenance and Troubleshooting

## Safe maintenance and troubleshooting:

- Before beginning any maintenance or troubleshooting on your equipment, unplug your machine from its electrical outlet.
- The heat control and/or power switch should be switched off before plugging and/or unplugging the power cord.
- Allow time for the equipment to cool before attempting any service on the heater.
- Do not remove any panels with the equipment powered on; any such service must be performed by qualified personnel only.

## In the event of a malfunction or breakdown:

Shut off power to the equipment and unplug from electrical outlet. Then, follow the troubleshooting charts below. If this does not resolve your issue, please contact Vastex for support.

## Troubleshooting Chart—Additional Considerations for AutoFlash Units:

Symptom	Possible Cause	Solution
Unit stops in wrong location	Home and extended positions incorrectly set	Follow instructions on page 9 to set
User wishes to reverse rotation direction of AutoFlash	N/A	Follow instructions on page 7 to reverse direction

## Maintenance:

### WEEKLY

- Clean foot pedal of any loose debris or dirt. Power off machine before cleaning.

### SIX MONTHS

- Unplug, then open the top of the controls and tighten any screw connections.

