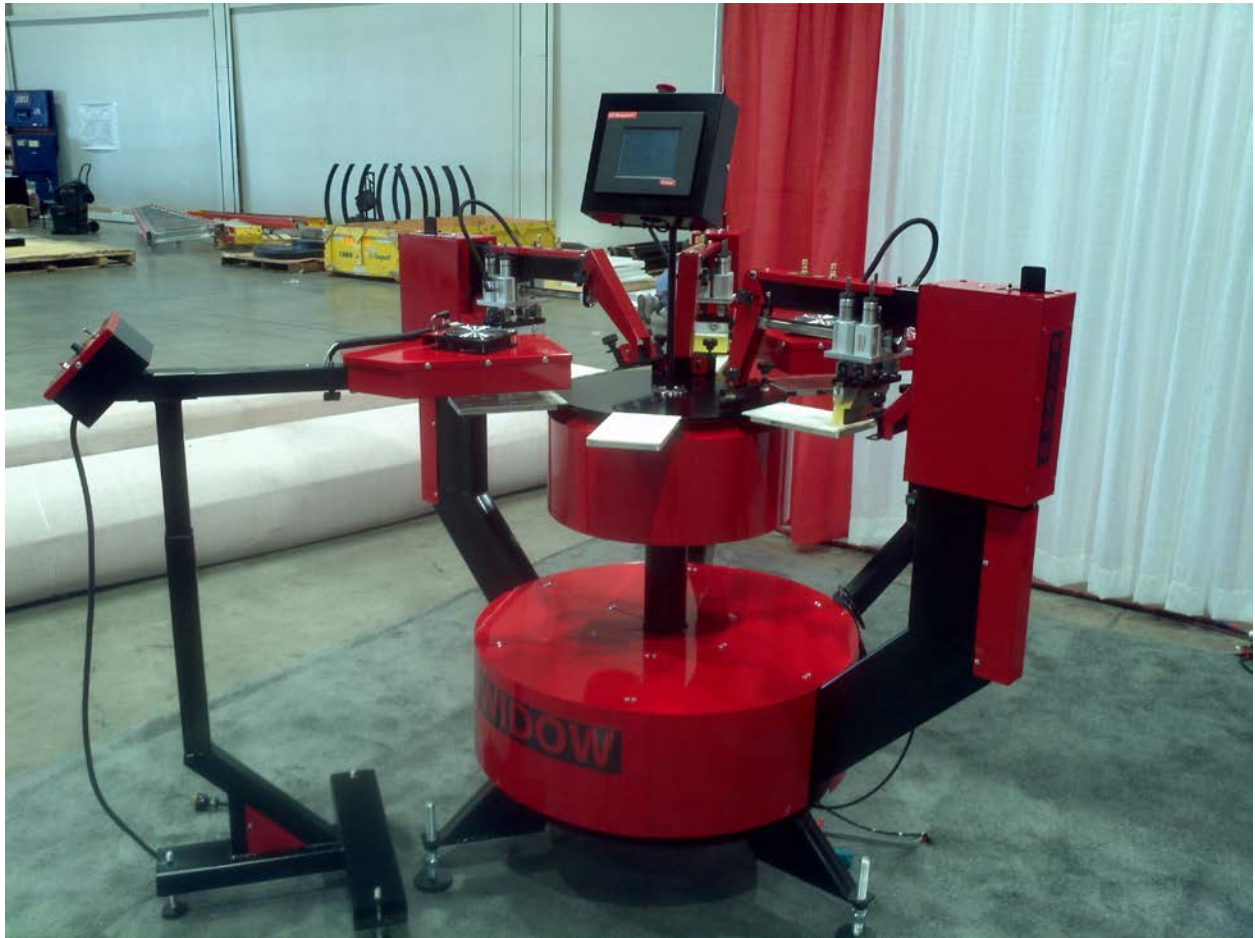


# The Widow

## Operating / Parts Manual



Manufactured by the O.T.S. company in Compton, CA

**In the following pages we will introduce you to the Widow. A very unique machine customizable print and flash sequence for every facet of small format screen printing. Including tag less, koozie etc.**

**Electric = 120 VAC @ 6 amps**

**Air = 8 cfm @ 90 psi**

**Foot Print = 50"x 50"**

**Standard Print Area = 5"x 5"**

TECHNICAL/ SERVICE / PARTS

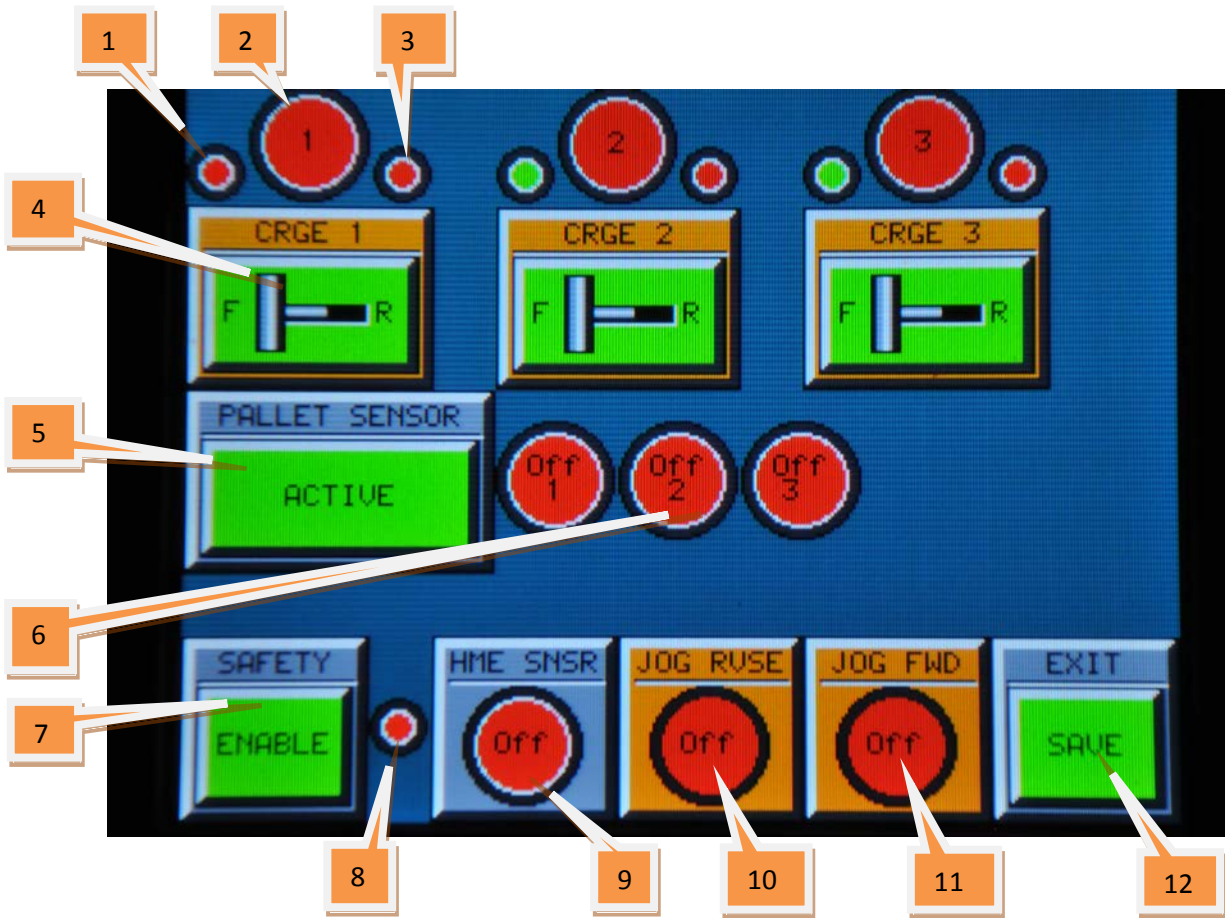
909-772-7645

909-772-7644

[service@theots.com](mailto:service@theots.com)



- 1 = Print Head Active (ON) or Inactive (OFF).
- 2 = Pallet Indicator Green ( Loaded) Red ( Empty).
- 3 = Test Print Action Performs one complete print cycle.
- 4 = Single or Double print Modes.
- 5 = Hi Lift enables raising of the head for screen removal/ clean.
- 6 = Single / Home performs one complete Index/Print cycle.
- 7 = Auto continuous Index/Print cycle controlled by Delay Time.
- 8 = Reverse enables backward movement of pallets
- 9 = Delay ( Less / More) time in between Auto Cycle.
- 10 = Flash Active ( ON OFF).
- 11 = Setup Allows Access to machine settings
- 12 = More Less Amount of time Flash unit stays on.
- 13 = Test Manually activates Flash Cycle.
- 14 = R Resets the Job Count



1 = Front Sensor Indicator.

2 = Carriage Solenoid Activated.

3 = Rear Sensor Indicator.

4 = Activates Carriage Forward or Back.

5 = Pallet Sensor Active (ON) Inactive (OFF).

6 = Pallet Sensor Indicator.

7 = Safety Beam ( Operator Location) Enable (ON) Disable (OFF).

8 = Safety Beam Sensor Indicator

9 = Home Sensor Indicator

10 = Jog Indexer Reverse

11 = Jog Indexer Forward

12 = Exit Screen / Save Changes

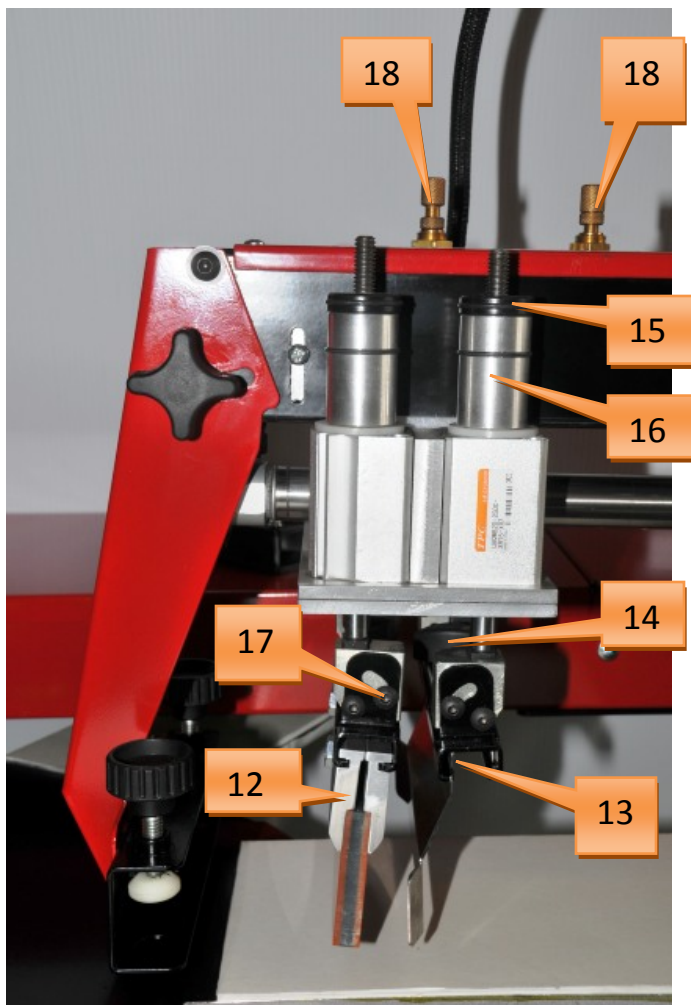
# PRINT ADJUSTMENTS:

**INSTALLING SQUEEGEE AND FLOODBAR** = SQUEEGEE IN FRONT HOLDER (12), FLOODBAR IN REAR (13) HOLDER, SIMPLY SLIDE IN FROM THE SIDE AND LOCK INTO POSITION USING LOCK KNOB (14) LOCATED ON TOP OF HOLDER

**SQUEEGEE AND FLOODBAR PRESSURE** = LOOSEN BLACK LOCK KNOB (15) THEN ADJUST UP OR DOWN ALUMINUM ADJUSTMENT KNOB (16) AND LOCK AT DESIRED PRESSURE

**SQUEEGEE AND FLOODBAR ANGLE** = 1/8" ALLEN WRENCH LOOSEN ANGLE LOCK BOLT (17) MOVE TO DESIRED ANGLE AND LOCK IN POSITION USING THE LOCK BOLT

**PRINT/ FLOOD SPEED** = FLO CONTROL (18) ON TOP OF PRINT HEAD

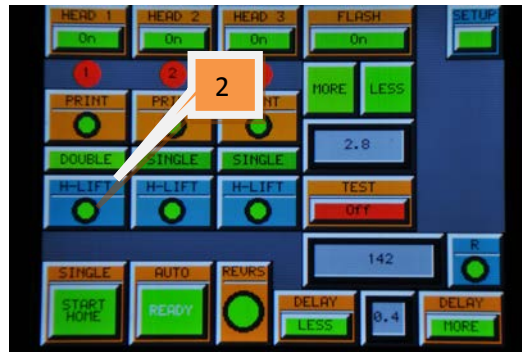
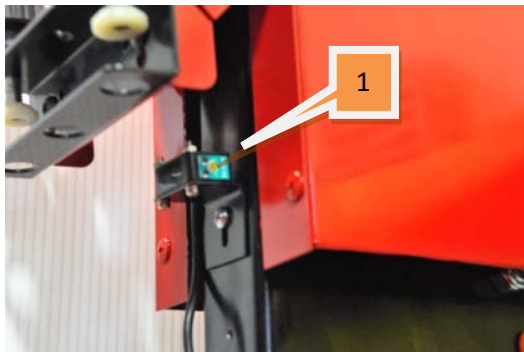


## Troubleshooting tips:

Print Head will not Print:

Print Head is in Hi Lift Mode (2).

Check Pallet Sensor (1) make sensitivity adjustment if necessary.



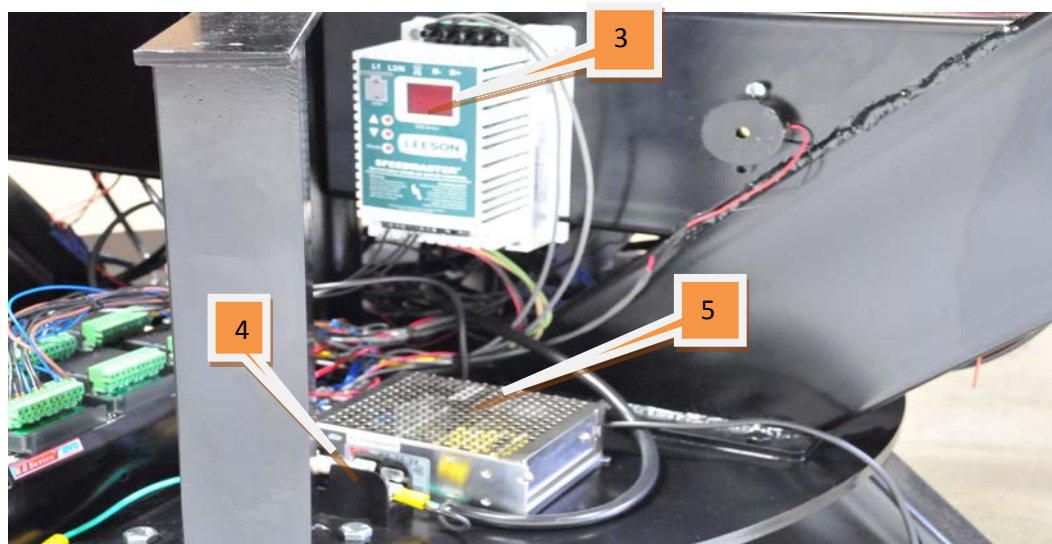
## Indexer will not stop or run in Auto Mode:

Check Air / Power.

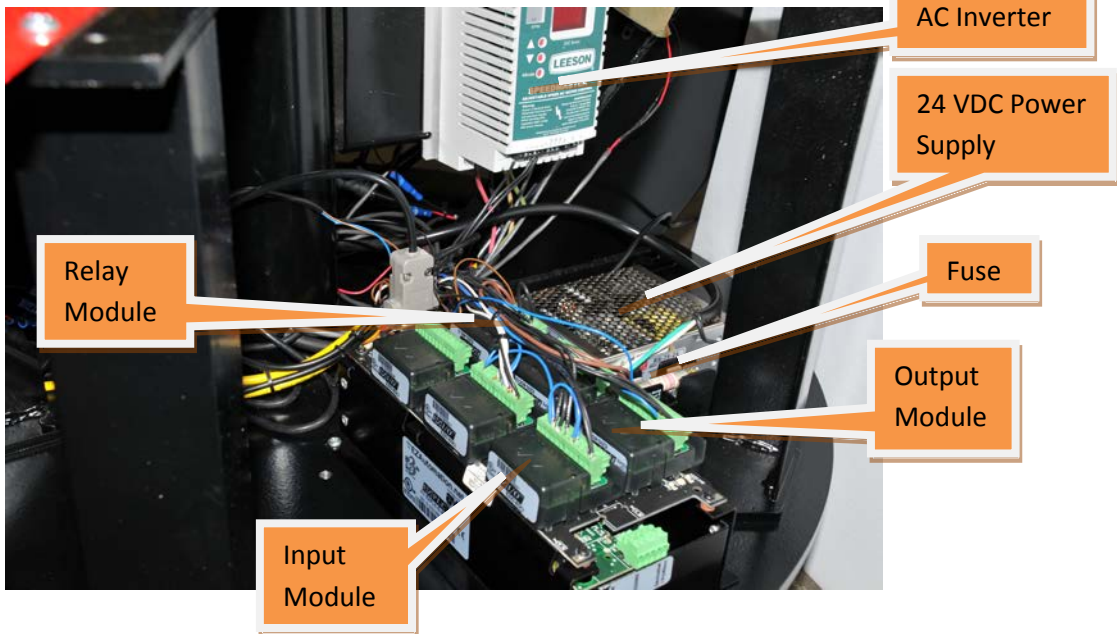
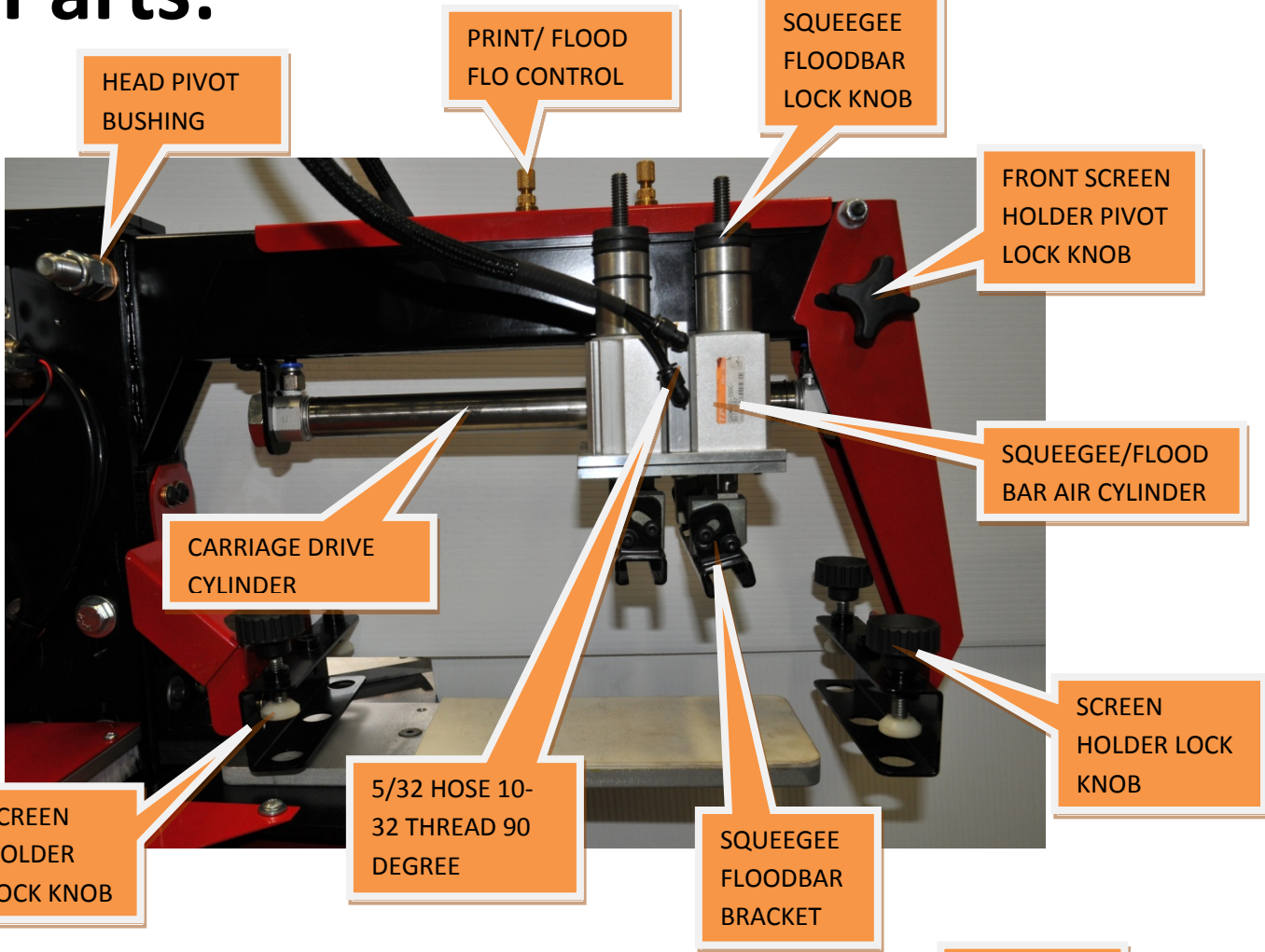
Check Power on AC Inverter (3).

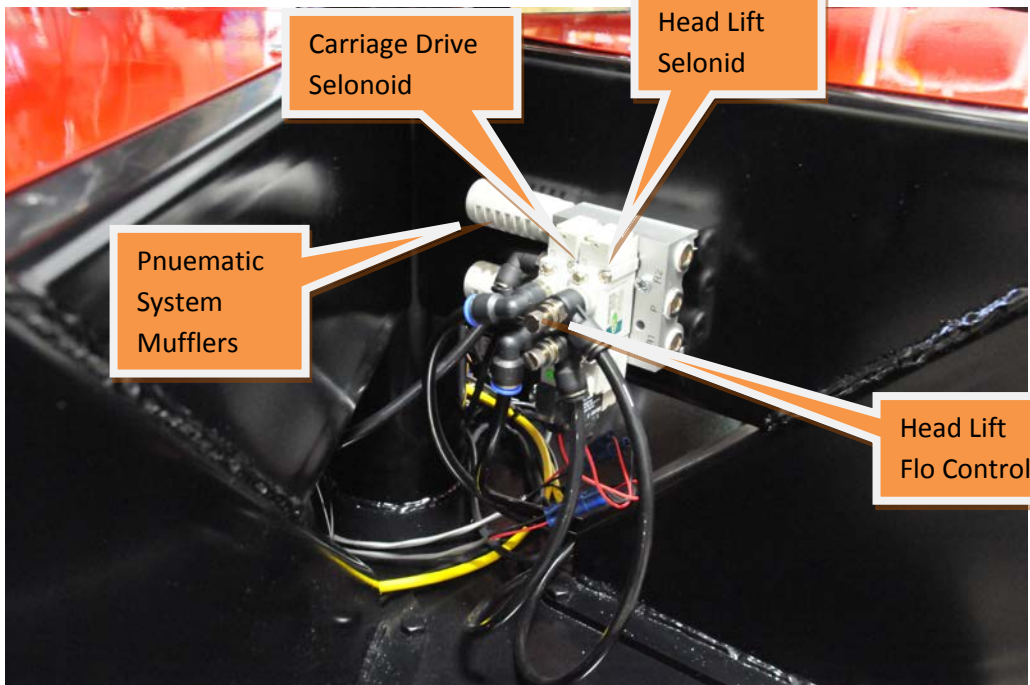
Check Fuse (4).

Check 24 VDC Indicator Light (5).



# Parts:



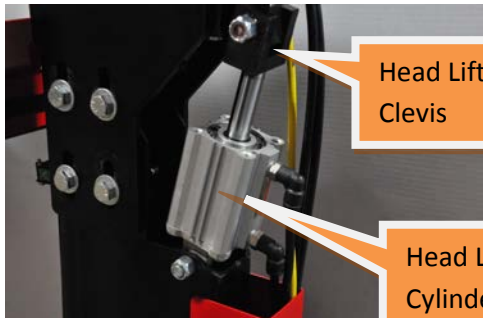


Carriage Drive Solenoid

Head Lift Solenoid

Pneumatic System Mufflers

Head Lift Flo Controls

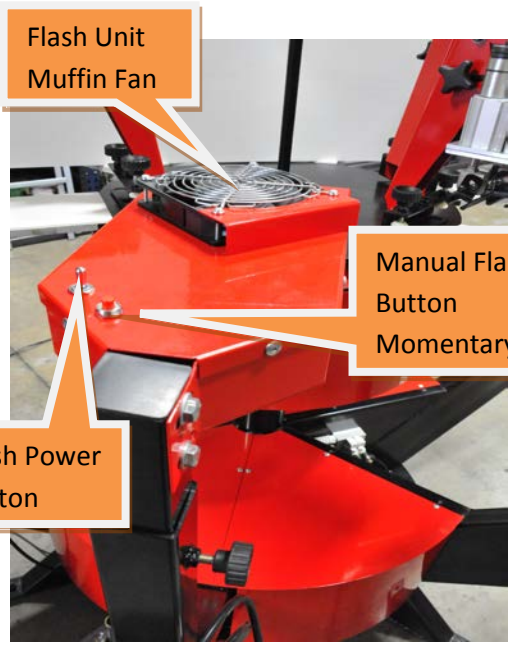


Head Lift Clevis

Head Lift Cylinder



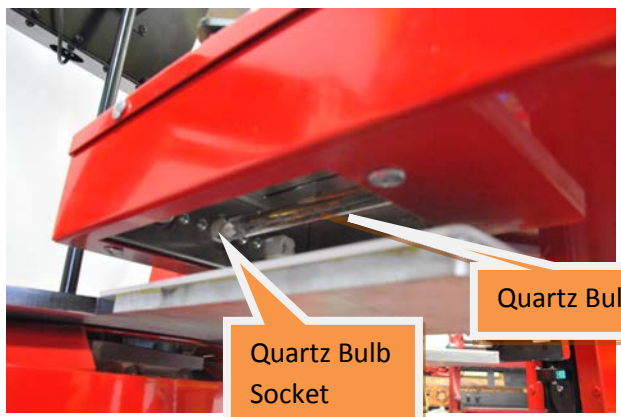
Main Air Regulator



Flash Unit Muffin Fan

Manual Flash Button Momentary

Flash Power Button



Quartz Bulb Socket

Quartz Bulb



