
ASFX2 Machine

Setup & Installation Manual



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SAFETY OVERVIEW

The ASFX2 air cushioning machine is designed to provide an effortless and safe application of inflating air pillows. Safety precautions must be followed for the machine to work in optimal conditions.

Do not operate the machine until all safety sections have been reviewed. No special training is required. Machine operators are responsible for operating the machine and performing regular maintenance. Contact AirSaver Tech Support with any maintenance concerns.

Safety Regulations

- Always use the power cable that is provided with the machine
- Ensure that the power supply is grounded
- Ensure the machine is cool and powered off before replacing any parts or moving the machine
- Safety devices must not be turned off or removed
- Do not remove or cover warning signs
- Keep the work area clean and free from debris and obstacles
- Be careful when using tools, such as knives or scissors, to avoid injury
- Examine cables for damage
- The work area should be well lit and ventilated

Improper Use

The following are considered improper usage of the machine:

- Using materials from other suppliers
- Using outdoors or in wet areas
- Using in areas where explosives are present
- Use of excess water to wash or clean the machine
- Standing on the machine
- Placing objects on the machine
- Moving the machine while it is on or is connected to power

SAFETY OVERVIEW

Machine Warnings

Mechanical structure design meets CE safety standard requirements. All unsafe parts cannot be touched by hand. Do not:

- Touch any rotating parts when the machine is working
- Touch the high temperature area when the machine is on and within five minutes of turning off the machine
- Press the emergency stop button and turn off the power if any the following occurs:
 - The machine film or any other foreign material is caught inside the machine and the machine stops working
 - There are abnormal sounds from inside the machine
 - The temperature of the machine's shell is too hot
 - Any other abnormal situations

Power Off The Machine



During the installation process with the power cable disconnected



Prior to replacing parts with the power cable disconnected and the machine is cool



When there is an unusual noise or odor, call AirSaver Tech Support



At the end of each day

Proper Usage



Always use the provided power cable

AirSaver Tech Support



800-782-9008

SAFETY OVERVIEW

Storage

- Storeroom must be dry within the required temperature and humidity range
- Do not place or store the machine in a wet or watery place
- The machine should not be exposed to sun or rain
- If the machine is moved from a cold area to a warm area, temporary condensation (internal and external) may occur
 - Immediately turning on the machine would damage the machine and the operator may be injured
 - The machine must be at room temperature and the condensation evaporated for proper usage

Transportation

- Severe vibration and impact during the transportation of the machine is not advised

MACHINE CARE

Maintenance

- Inspect belts for rips, tears or folds
- Ensure the power cord is unplugged prior to any maintenance
- Be careful of sharp edges and corners to avoid injury
- Never operate the machine when safety devices are off or removed
- The machine should be maintained at least once a week
 - Remove the upper and lower cover
 - Check for loose screws by the power cord and heating wire
 - Clear dirty/foreign material from the rubber wheel and heating module
 - Reattach the upper and lower covers

Maintenance Parts

- Repairs should only be performed by the machine operators
 - Only AirSaver supplied parts can be used
 - Order parts with the AirSaver tech or distributor

Failure to follow these instructions may affect the machine's safety. The manufacturer claims no responsibility if the above instructions are not followed.

SPECIFICATIONS



Main Body Parameters

Weight: 8.8kg (19.36lbs.)

Dimension: 360 mm x 250 mm x 335 mm
(14.2 inches x 9.8 inches x 13.2 inches)

Package size: 440 mm x 330 mm x 406 mm
(17.3 inches x 13 inches x 16 inches)

Lifetime of Machine: 5 years

Lifetime of Wearing Parts: 3 years

Working Temperature: 15°C to 40°C (59°F - 104°F)

Working Humidity: 10% to 90%

Storage Temperature: -10°C to 40°C (32°F - 140°F)

Storage Humidity: 20% to 90%

Electrical Connections

Power Supply Voltage: 100-120v

See the machine label for detailed parameters

Frequency: 50 - 60Hz

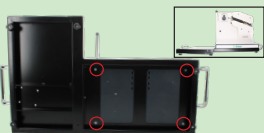
Power Supply: 380W

ASSEMBLY

INSTRUCTIONS



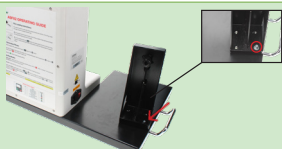
1. Install the handles on both sides of the platform using the provided allen wrench and bolts with washers.



2. Align the machine to the corresponding bolt holes on the platform. Secure the machine to the platform using the screws with no washers.



3. Position the platform upright and align the film holder with the four bolt holes.

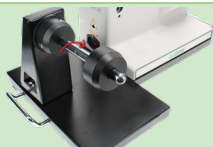


4. On the bottom right corner, use the allen wrench to screw in the bolt down with the washer.

DO NOT TIGHTEN UNTIL STEP 5.



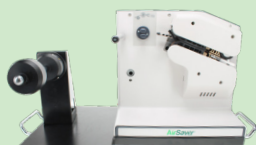
5. Insert the remaining three bolts, with washers, using the allen wrench. Before tightening all four bolts, rotate the film holder clockwise into place. Once aligned correctly, make sure to secure all bolts tightly.



6. Twist the film roller into the film holder in a clockwise direction and tighten it by hand.



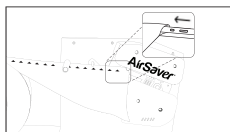
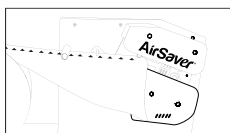
7. Turn the film alignment rod clockwise into the machine using the allen wrench. Once it is secured, remove the allen wrench.




8. The machine is now ready to operate.







OPERATING GUIDE

Film Loading Instructions




1. Load film onto film roller with arrows facing toward the machine. Film will go under film alignment rod and in-between double rods.
2. On the side of the film closest to the machine, create a small opening. Feed the film through the tube up to the belts.
3. Press the  button and guide the film to the front of the machine for proper production.


Start Generating Pillows

- To select the pillow size, quickly press the  button, then the  button.
- The screen will display a list of pillow sizes. Select your corresponding pillow size by pressing the  or  button, then press the  button to select the pillow size.
- Press the  button to begin generating pillows.

Operating Modes

Start/Stop Mode: Allows the user to continuously generate pillows until the  button is pressed. This is the default mode when the machine is first turned on.

Timer Mode: Allows the user to set a timer for how long the machine will generate pillows.

To select the **Timer Mode**, quickly press the  button then the  button. The display will change and show Start/Stop and Timer. Select **Timer mode** by pressing the  button. Adjust the time by using the  or  button. To finalize the selection press the  button.








Sensor Mode: As an optional accessory, the sensor can be attached to our basket. The sensor will sense when the basket is full and start the machine when the basket can add more pillows.

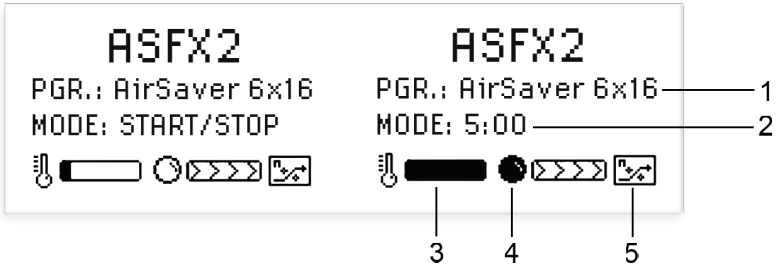
Note: The machine will change over to Sensor Mode when the sensor is plugged in.

CONTROL PANEL OPERATION

Main Interface

The control panel allows you to view and update the machine's parameters for efficient operations when inflating pillows. The following image depicts the location and name of each button.

No.	Name	Button
1	Increase Button	
2	Decrease Button	
3	Trans-film Button	
4	Stop Button	
5	Air Volume Set Button	
6	Start Button	
7	Temperature Set Button	



No.	Description
1	Displays the pillow size that is selected to run. Refer to the instructions in the Operating Guide to change the pillow size.
2	Shows the machine's operating mode.
3	Displays the heating status. The heating unit will always be set to 50%.
4	Displays the operation status.
5	Indicates if the transfer button is active.

CONTROL PANEL OPERATION






Select Sizes

1.6x16HD

2.6x16NYLON

3.13x24NYLON

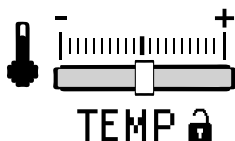
4.12x16NYLON






- Press the  button and the  button simultaneously to enter the film specifications
- Different specifications can be updated by pressing the  and  button. Choose the size that corresponds with film in use.
- After selecting the correct specification, press the  button to exit. The machine will run according to the selected parameters.

Note: Specification is only required to be changed when the size of the air cushion film is different. Do not change the parameter for any other reason.

Setting Function

Parameter locking prevents accidental changes to the heat and fan to avoid quality issues to the pillows. Follow the subsequent steps if the parameters need to be adjusted, for example, temperature, air volume, and speed. This is used to avoid incorrect parameters.



- Select the setting that requires changing
- Press and hold the  button for three (3) seconds
- The machine will beep and unlock ()
- Select the  or  button to adjust
- After making the adjustment, press the  button to confirm the parameter
 - o This will take you back to the main screen

Note: Parameters cannot be set after locked. The machine will automatically lock after a period of no activity with the lock button. Adjusting parameters to the blower too high can cause film issues. If issues occur return the blower parameters to original position. Reference page 14 for troubleshooting issues.

BELT REPLACEMENT VER.1

Note: Machine should be turned off before replacing the belt.

INSTRUCTIONS



1. Remove the protective cover by unscrewing the two bolts on the top cover.



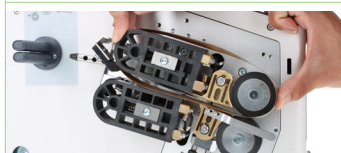
2. Remove the protective cover by unscrewing the two bolts on the bottom cover.



3. On the lower heating block, push down on the left side and simultaneously slide the lever in a downward left motion to lock the heating unit in place.



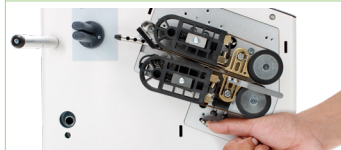
4. Push the lower heating block toward the right to release the tension and slide the belt away from the heating unit.



5. Push the upper heating block toward the right to release the tension and slide the belt away from the wheel.



6. Slide the new belts onto the lower and upper heating blocks.



7. Once the belts are replaced, push down on the lower heating block to return the lever to its original position.



8. Screw the protective covers back on.

BELT REPLACEMENT VER.2

Note: Machine should be turned off before replacing the belt.

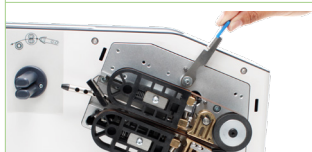
INSTRUCTIONS



1. Remove the protective cover by unscrewing the two bolts on the top cover.



2. Remove the protective cover by unscrewing the two bolts on the bottom cover.



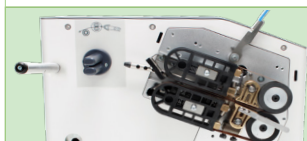
3. Lift up the lever.



4. Push the upper heating block toward the right to release the tension and slide the belt away from the wheel.



5. Push the lower heating block toward the right to release the tension and slide the belt away from the heating unit.



6. Slide the new belts onto the lower and upper heating blocks.



7. Return the lever to its original position.



8. Screw the protective covers back on.

BLADE REPLACEMENT

Note: Machine should be turned off before replacing the blade.

INSTRUCTIONS



1. Pull the air nozzle to the left and over the feeder.



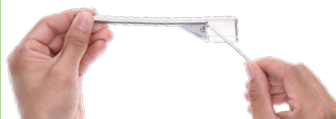
2. Hold the tip of the air nozzle.



3. Use the provided tool to turn the bolt counterclockwise to remove the blade.



4. Place the new blade on the air nozzle.



5. Turn the bolt clockwise until it is secure.



6. Slide the air nozzle over the feeder into the machine.



7. The air nozzle should click back in place.



8. The machine is now ready to operate.

TROUBLESHOOTING

CHALLENGE	SOLUTION
Pillow Seal Leakage <i>Pillow is not holding air or, when squeezed, the pillow puffs rather than pops</i>	<ol style="list-style-type: none"> Slowly squeeze the pillow to locate the leak. If the leak is coming from the seal, check the following: <ol style="list-style-type: none"> Confirm the Teflon belts are still on the heating unit, are still intact and are in good condition. There should be no holes, rips or folds. Note: There will be a top and bottom belt on the sealing unit. If belts are in working order, then increase the heat in increments of one (1) until sealing has improved. Note: Seal should look consistent and clean. Any stretching or separation is an indication of over sealing and will cause the pillow integrity to be lower.
Seal Separation <i>The pillow seal is separating as it inflates indicating the sealing is too hot</i>	<ol style="list-style-type: none"> Decrease the heat in increments of one (1) until the seal has stopped separating. Once separation has stopped, check the pillow to assure there is no leaking with the decreased heat.
Film Fault Error <i>The machine displays a 'Film Fault' indicating that there is no film running through the machine</i>	<ol style="list-style-type: none"> Properly insert the film for operation.
Film Jam <i>A film jam occurs near the back of the machine indicating the film was not loaded properly and the blade did not cut the film</i>	<p>Pull out the Air Nozzle to clear the film jam. Safety Note: The cutting blade for the film is located on this assembly.</p> <ol style="list-style-type: none"> Locate where the film is threaded onto the Air Nozzle. Using your index finger and thumb, pull the Air Nozzle to the left. The Air Nozzle and blade assembly should come out. Remove the jammed film and reinstall the assembly.

For additional product support, visit our website or contact AirSaver Tech Support at 800-782-9008.

DISCLAIMER

The manufacturer and its authorized distributor are not liable for accidents or damages due to the failure to follow the operation steps and ignore warnings or the instructions in the manual. Accidents or damages may occur with:

- Improper use or maintenance
- Use with other applications or conditions not included in the manual
- Use of unauthorized parts
- Repair or modification without the permission of the manufacturer
- Unauthorized adjustments to the machine such as:
 - Alterations to the control system
 - Welding, machining, etc.
 - Lengthening the machine or the control system

The manufacturer and its authorized distributor are not liable for indirect damages caused by errors or malfunctions of the machine (i.e., damages to products, disruption or delays of company operation business, etc.)



For the most-current machine
information, scan the QR code

AirSaver®
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800-782-9008