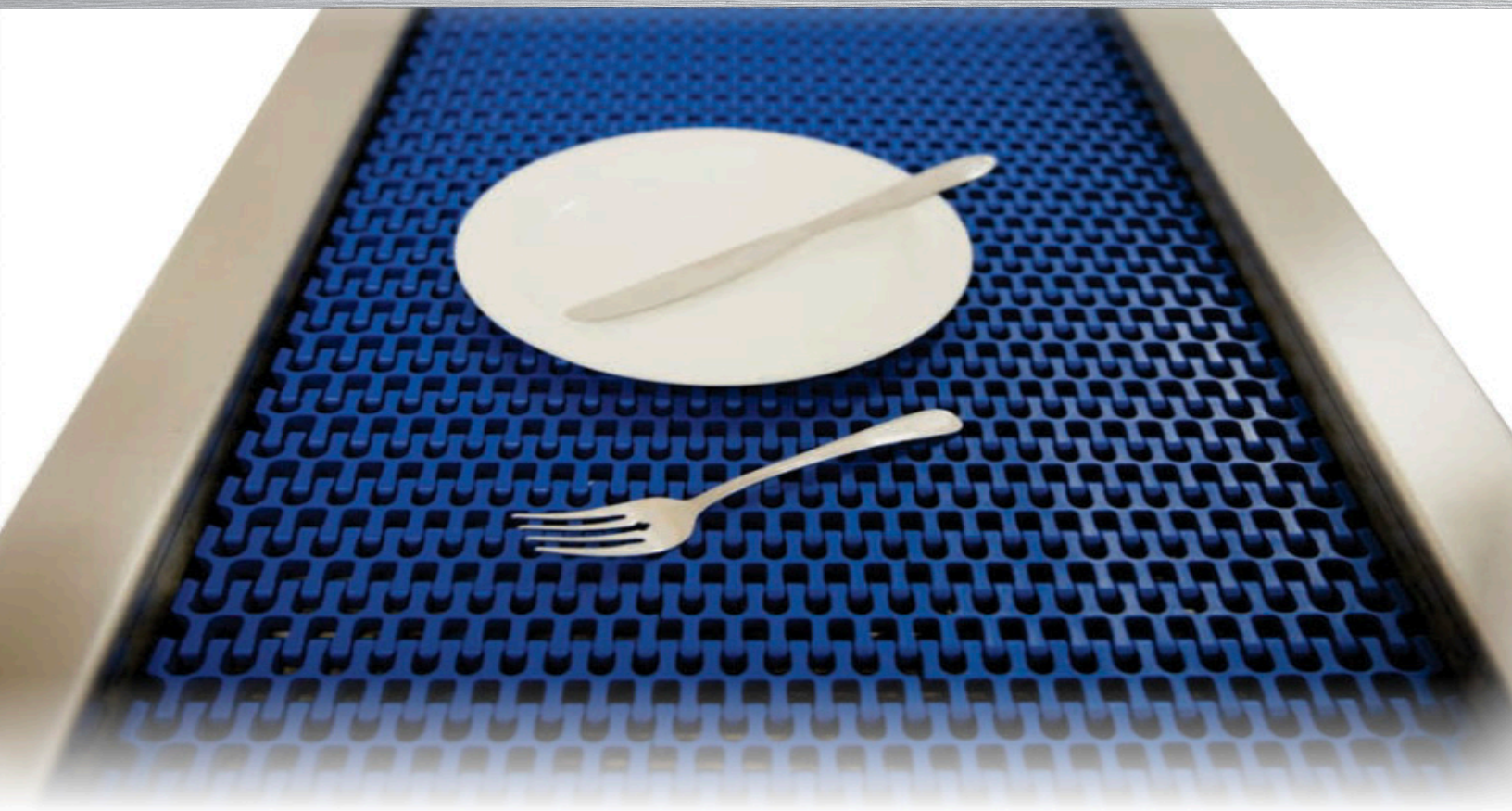
Aerowerks

MESH BELT CONVEYOR SYSTEM

INSTRUCTION MANUAL FOR MODEL MBC



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INSTRUCTION MANUAL FOR MESH BELT CONVEYOR SYSTEMS

1. OPERATION

START UP PROCEDURE

1.1.1. Make sure the belt is set correctly in the track and tabs are under guide rail (See fig 1.)

1.1.2. If your unit features a hinged tail section, make sure it is set correctly in place.

1.1.3. Turn the main disconnect switch to the on position.

1.1.4. Push the green start button for the belt line. Make sure the belt speed is set low when starting initially (set speed as desired).

1.1.5. Ensure belt is getting wet as it makes it way around the conveyor

1.2 SHUT DOWN PROCEDURE

1.2.1. Reduce the speed, press the red stop button and turn the main disconnect off.

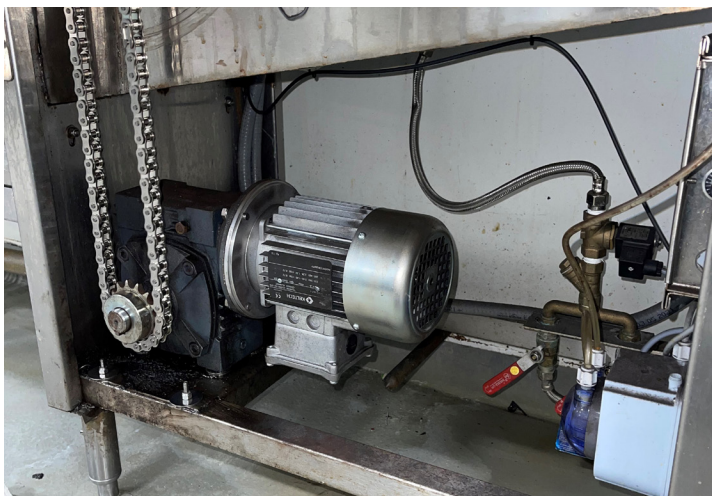
1.2.2. Once the system is completely shut down, perform your wash down procedures.

1.2.3. If your unit features a hinged tail section. Lift this section to add slack to the belt line. The slack will allow you to lift the belt with ease for easy cleaning underneath.

1.2.4. Lift the mesh belt out of the track to spray out the debris underneath.

1.2.5. Use a heavy duty wash down hose to spray down the entire conveyor system. Don't spray directly at the electrical control panel, use a warm soapy cloth to wipe it down.

1.2.6. Open the drive unit wash chamber to spray inside of the wash tank.



1.2.7. Remove and clear the basket scrap stations located in the drive wash tank and the tail tank.

1.2.8. Be sure to replace the strainers once they are clean and free of debris. Replace access doors and belt properly in its track before restarting the conveyor.

1.2.9. Shut down entire system by turning the main disconnect switch to the off position.

1.3 DETERGENT

Using the proper amount of detergent & water temperature is very important to prevent mold growth on the Mesh belt along with proper cleaning procedures. We recomend ECOLAB (or Equivelant) Sani Glide detergent.
Water temperature must be at least 105° F. The detergent setting is automatic.

1.4. DISH ACCUMULATION

The conveyor will stop automatically if the accumulation photo sensor is activated by dishes or trays. The conveyor will run as soon as dishes are cleared.

OPERATION OF ACCUMULATOR

The accumulator is designed to stop the conveyor if dishware comes to the end of the conveyor to avoid damaging dishware

1.4.1. Turn on conveyor.

1.4.2. Put a piece of dishware on the conveyor.

1.4.3. Let the conveyor run.

1.4.4. Once the conveyor pushes the dishware to the end of the conveyor the system will stop.

1.4.5. The accumulator light on the control panel will light up as an alert

1.4.6. Once the operator removes the dishware from the end of the conveyor will start again and the accumulator light will turn off.

(Note: If The hip switch was in control while the accumulator was triggered it will revert back to giving the Hip Switch control)

In the event that the photo sensor is getting triggered prematurely, lower the temperature of the water at the mixing valve located in the drive unit.

2. PREVENTIVE MAINTENANCE

Note: Before performing any maintenance operation on equipment, shut down the conveyor and dis connect the power at your main circuit breaker.

Every month the belt should be inspected and the damaged portion of Mesh Belt should be replaced immediately. To perform an inspection, run the belt slowly for one complete revolution and observe it for any damage or misalignment. An ideal way is putting a tape mark on the Mesh Belt to recognize the starting position. The second part of the inspection is to examine the bottom of the belt, staring from the tape mark. After checking the length of belt on the straight section, advance the belt to inspect the next length, continue this until the whole belt has been inspected. Replacing damaged potion is an imperative part to maintaining a system that runs effectively. The following steps and procedures should be brought to the attention of all the operators and maintenance staff.

Attention: watch out for broken tabs, once 2-3 start breaking it can lead to many more breaking in concession. Therefore, it is important to get them replaced immediately.

Key components to look for when doing maintenance:

- Missing Tabs
- Belt Slackness
- Missing – Broken Spray arms
- Belt not getting wet
- Belt not getting soapy

2.1. DAILY

2.1.1. Remove the basket strainers from the drive and tail units, clean and replace them.

2.1.2. If your unit is equipped with a 'hose wash down station', use this hose to wash the scrapping table and Mesh belt conveyor to remove all the foreign material. When hosing down the system, make sure that no water gets into the sensors. (Optional equipment).

2.1.3. Check the top and bottom of the entire belt line and remove any foreign objects (knives, forks, plastic, etc). These objects may hinder the performance of the conveyor unit.

2.1.4 If your unit is equipped with accumulation switches make sure that they are free from the o.bstructions. The system will not start unless the obstructions are cleared.

2.1.5. Clean out any foreign matter from the conveyor belt, underneath the belt and in the return track as well.

2.2. WEEKLY

2.2.1. Clean the areas, which are not accessible to the hose, using a wet soapy cloth. Use hard water cleaners to clean areas where hard water build up may occur.

2.2.2. Check the detergent system to make sure that it is operating effectively.

2.2.3. Lift hinge in tail unit and clean out any foreign body from the conveyor belt, underneath the belt and in the return track as well.

2.2.4. Inspect the spray arms to make sure no debris is blocking the spray holes. Make sure spray arms are correctly positioned to hit the belt.

2.2.5. Inspect the belt for missing tabs, broken belt and contact maintenance to get them replaced. Refer to Maintenance section for instructions on how to replace tabs

2.3. MONTHLY

2.3.1. Ensure that there is sufficient detergent available in the stock. It is recommended to have an inventory of detergent, which lasts for up to a month.

2.3.2. Inspect entire belt line and replace any damages portion of Mesh Belt.

2.3.3. Check sag of Mesh Belt in drive unit. If the belt is sagging too close to the bottom spray arm, remove a belt link.

2.3.4. Make sure that all the switches are functioning correctly.

2.3.5. Remove and flush out spray arms located in the drive unit. A qualified mechanic should perform this work.

2.4. SEMI-ANNUALLY

2.4.1. Inspect the Mesh Belt for excessive slack caused by stretching. The excessive slack can be removed by adjusting the length of the belt.

2.4.2. Inspect plastic wear strips. The worn strips should be replaced immediately.

2.4.3. Apply food grade grease to the flange bearings grease seals and drive chain located in the drive unit. Use only food grade lithium grease.

2.4.4. Inspect if the Mesh Belt is at the center of the openings on both drive and tail ends. If the belt is shifted from its normal position adjust the position of the corresponding sprockets.

2.4.5. Check the oil level in the gearbox.

2.5. SPRAY ARMS

The belt is washed within the drive unit by two fixed stainless steel spray arms. The spray arms can be taken out by removing the large union. Inspect the spray arms for any damage or clogged spray holes. Once spray arms are replaced, make sure that they are properly oriented to have the water jet holes pointing directly towards the belt. Start the unit and adjust the water pressure via the missing valve handles. Inspect the spray arm for any leaks at the connection points.

2.6. WASH CHAMBER SUPPLY

The incoming water for the Mesh Belt wash should be set at 105 Degrees Farrenheit (40 Degree Celius) with 60psi water pressure. The is required to ensure effective cleaning of the Mesh Belt. All Plumbing connections must be done by a qualified plumber in accordance with local codes.

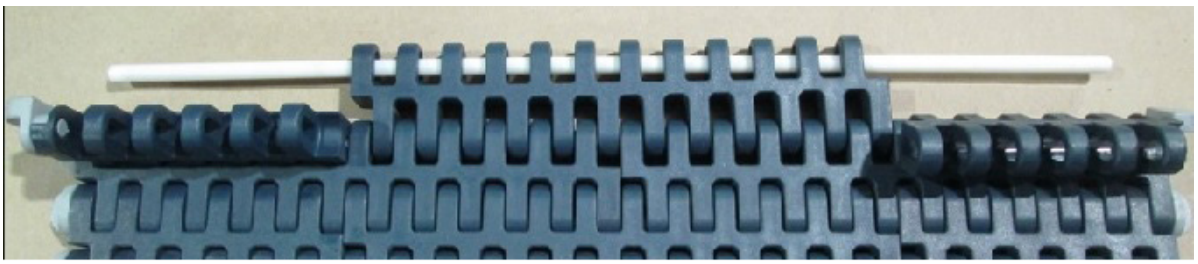
2.7. PROPER PLACEMENT OF THE MESH BELT

2.7.1. In order to have proper and smooth running Mesh Belt. You need to ensure that the belt is laying flat all inside the track and the tabs are also laying flat along the track. Like shown below

2.7.2. If you observe any broken tabs, have them replaced immediately as this will lead to

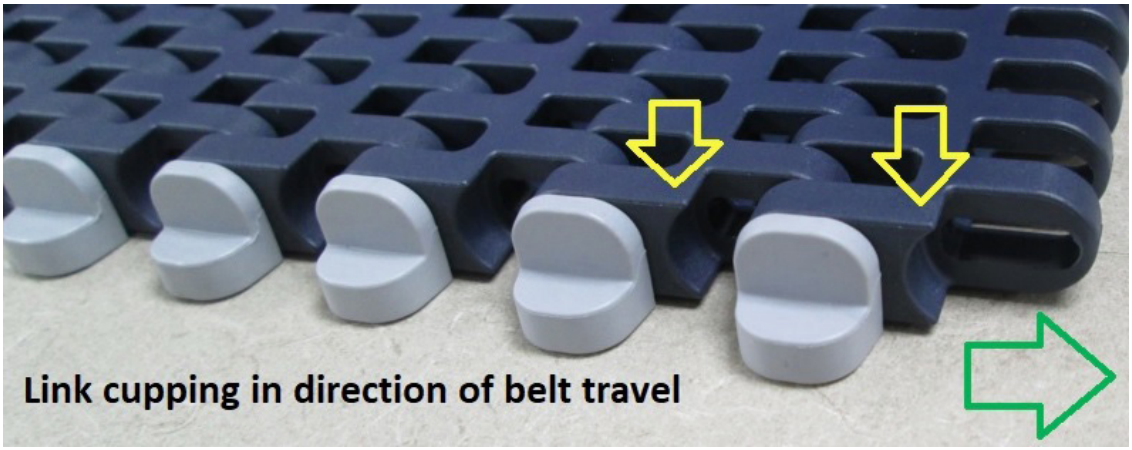
2.8. INSTALLATION AND REMOVAL OF TABS

2.8.1. Every belt link connects to the next link with a single long white pin. The example below shows this pin. It illustrates how the pin passes through the width of the belt:

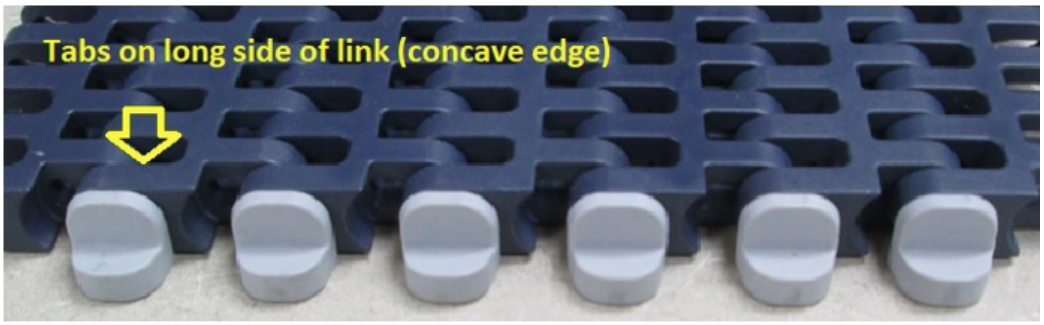


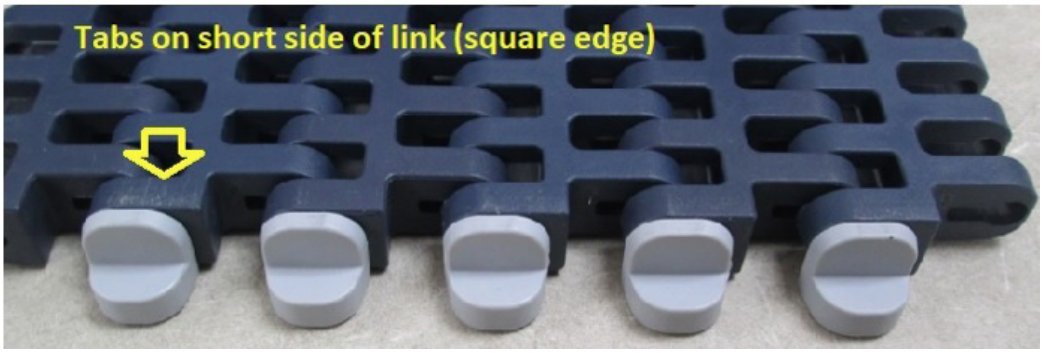
2.8.2 The tabs on either side hold the pin in place, they are installed or removed by twisting them gently using pliers:

2.8.3 When joining the belt sections ensure the link orientation matches (see photos below on the two link profiles on either side of the belt):



NOTE: The two sides of the belt have a slightly different link edge profile, one is concave and one is square, ensure the same profile matches on either side when joining the belt sections.


Tabs on long side of link (concave edge)


Tabs on short side of link (square edge)

2.9. DRIVE CHAIN

The gear reducer coupled to the motor transmits power to the drive sprocket through a stainless steel chain. This chain also stretches and becomes loose over a period of prolonged conveyor operation.

When adjusting the chain slack, make sure that the chain tensioner allows about ¾" lateral movement.

3. MAINTENANCE

3.1. DETERGENT AND DETERGENT PUMP

Using the proper amount of detergent & water temperature is very important to prevent mold growth on the Mesh belt along with proper cleaning procedures. We recommend ECOLAB (or Equivelant) Sani Glide detergent.
Water temperature must be at least 105° F. The detergent setting is automatic.

The Detergent Pump located within the drive cabinet and it controls the amount of detergent dispensed. A specific on/off sequence controls detergent dispensing during the conveyor operation. The pump will turn on and off via a programmed time cycle but the detergent dispensing duration can be modified manually via the pump box dial.

3.1.1. INSPECTING DETERGENT PUMP

The detergent pump plays an important role in the operation of your conveyor system by periodically cleaning and lubricating slat belt system. A poorly maintained belt will create sanitation and mechanical problems. As discussed in previous section, it is imperative that the operation of the pump be checked daily. If inlet or outlet tubing is required to be replaced contact Aerowerks for the correct part. When internal parts of the pump are faulty the entire pump must be replaced.

Please follow these steps to inspect the pump:

To check for a defective pump, confirm the following are operating correctly

3.1.1.1. Check for a loose electrical connection at junction box inside the drive unit.

3.1.1.2. Confirm the tubing (suction or discharge) lines are not loose, clogged or cracked.

3.1.1.3. Check that the detergent supply is not low or empty.

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3.1.1.4. If the pump appears faulty, please call Aerowerks to further troubleshoot. (The pump should only be replaced by a qualified technician)

3.1.1.5. When a new pump installed, the suction line will be dry and requires some time for priming.

3.2. DETERGENT PREPARATION

Recommended detergent is Ecolab Klenz-Glide or Sani-Glide but you can contact your dish machine detergent supplier for an equivalent product that is compatible with Aerowerks plastic slats. The detergent must meet the following criteria:

- Non-abrasive
- Non-caustic
- Biodegradable
- Low-sudsing
- Non-quaternary (anti-microbial)
- Good lubrication qualities

PREPARATION:

3.2.1. Add one gallon of detergent to an empty 5-gallon pail.

3.2.2. Add 4 gallons of water.

Aerowerks detergent pump has been pre-set to deliver detergent/water mixture to effectively clean/lubricate the belt. Further adjustment may be required to suit individual systems.

3.3. BEARINGS

Two bearings are in the drive unit. These bearings should be lubricated once a year from the date of start up with NSF food-grade grease only.

3.3.1. Lift hinge at tail tank to loosen tension on the belt

3.3.2. Remove tabs and disconnect belt at drive end to access grease nipples

3.3.3. Lubricate the bearings using grease pump

3.4. GEAR REDUCER

Change oil after first year of operation, then every year of normal operation. Use a turbine type of oil or SAE-50 grade oil. The oil viscosity for the particular unit is specified on the metal plate fixed on the gear reducer.

3.4.1. Take out the socket headed screw located at the bottom to drain the oil from the gearbox.

3.4.2. When the oil is drained completely, replace the screw. Remove the oil breather located on top of the gear reducer and fill with new oil until the specified level is reached.

3.5. REPLACING GEARBOX

3.5.1. Shut off and lock out the main disconnect before beginning.

3.5.2. Loosen the drive chain tensioner to release the tension on the drive chain.

3.5.3. Remove master link and remove chain.

3.5.4. Remove all the bolts connecting the gearbox to the motor and remove motor.

3.5.5. Finally remove the bolts which secure the gearbox to the drive unit frame.

When re-mounting the gear box, reverse the same steps. Also see section 3.3.2 on adjusting drive chain tension.

3.6. DRIVE CHAIN

The gear reducer coupled to the motor transmits power to the drive sprocket through a stainless-steel chain. This chain also stretches and becomes loose over a period of pro longed conveyor operation.

3.6.1. To adjust the chain slack adjust bracket length of chain tensioner

3.6.2. When this is done make sure that the chain should allow about ¾" lateral movement.

4. CLEANING

Regular cleaning is essential to the longevity of the conveyor. Regular cleaning not only ensures long-lasting trouble-free operation it also ensures no mold or mildew buildup on the conveyor system, Generally there are 2 important parts of the Mesh conveyor that need attention when cleaning. The Rinse station areas and the Tray drop area (if applicable).

There are two key areas on the mesh conveyor that require special attention during cleaning:

● **Rinse Station Areas** – These areas are exposed to high moisture and food residue. Clean thoroughly to prevent buildup and maintain hygiene.

●**Tray Drop Area** (if applicable) – This area often accumulates debris and should be cleaned regularly to ensure proper function and sanitation.

4.1. HOW TO CLEAN RINSE STATION AREA

4.1.1. Clear all dishes from Belt before starting.

4.1.2. Lift the belt cover and tail hinge then spray all the debris in the compartment below. the belt.

4.1.3. Start spraying along the belt, beginning at the entrance and continuing all the way to the end. Ensure all food is washed off the belt.

4.15.4. Make sure you spray the tabs on both sides of the belt, as food can build up in them.

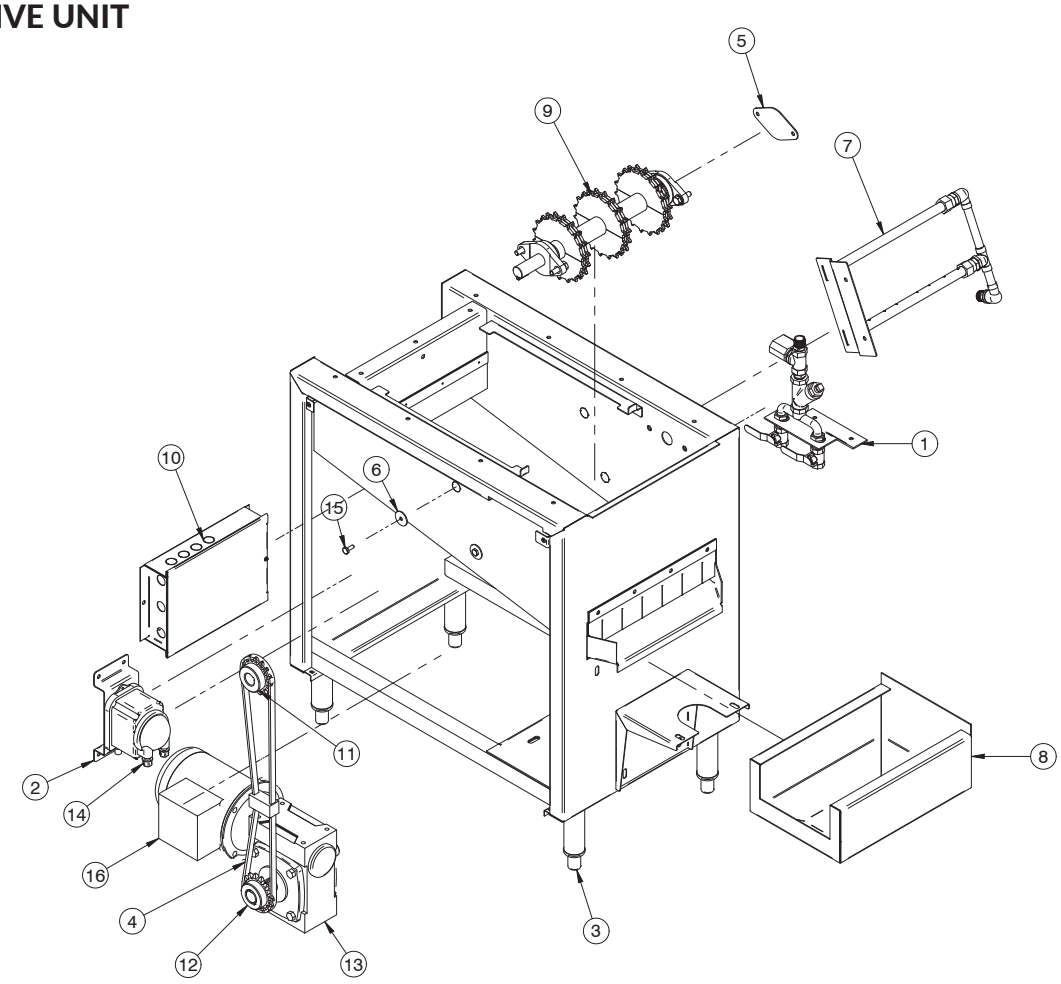
4.1.5. Wipe the sides of the belt where the tabs are located, as food tends to get lodged in them.

4.1.6. Wipe all excess food off with cloth and warm water.

4.1.7. Empty and spray scrap basket.

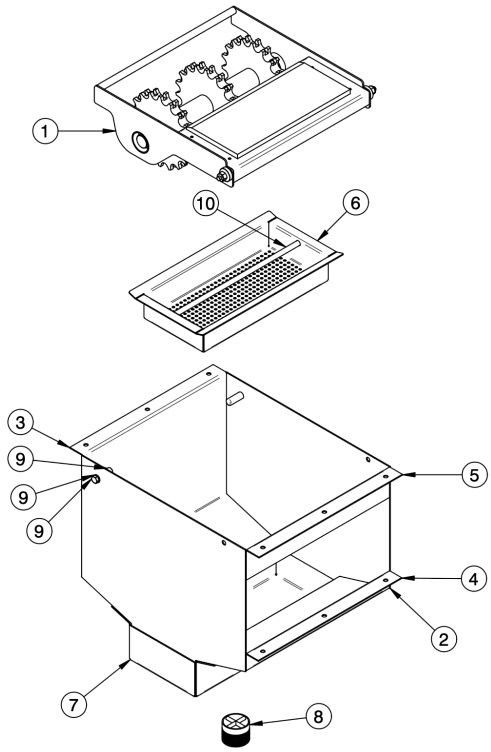
5. MESH BELT CONVEYOR PARTS

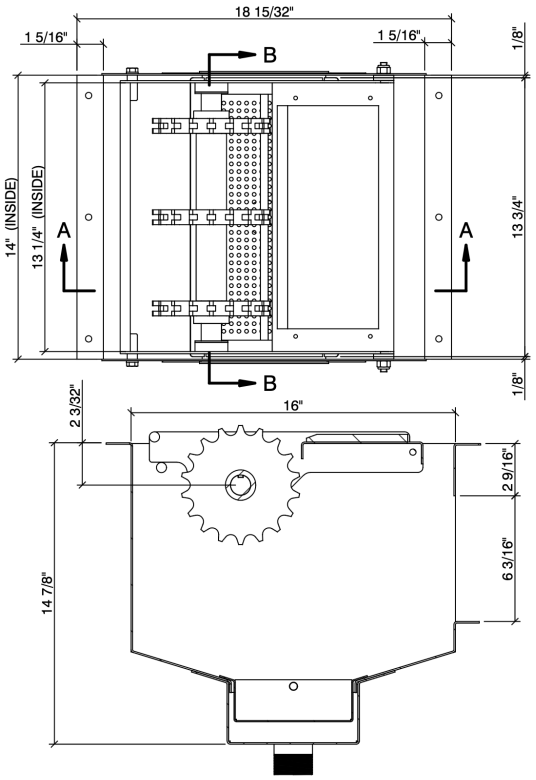
5.1. DRIVE UNIT



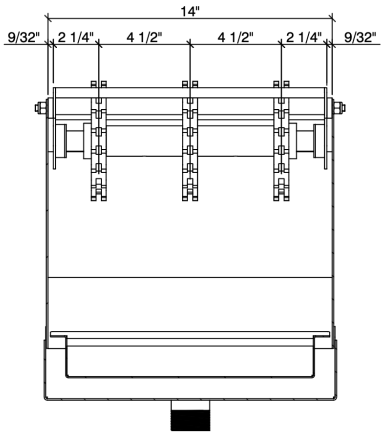
Item Number	Title	Quantity
1	WASH MIXER ASSEMBLY	1
2	PUMP MOUNTING BASE	1
3	UNIVERSAL DRIVE CABINET ASSY (12 - FRONT)	1
4	DRIVE CHAIN (#50)	1
5	SHAFT END	1
6	HOLE BLOCK	2
7	WASH ARM ASSEMBLY (12-L-R)	1
8	BASKET & SINK ASSY	1
9	DRIVE SPROCKET (12) ASY	1
10	JUNCTION BOX	1
11	SPROCKET 50B15 - BORE 1"	1
12	SPROCKET, 50B15, BORE 1-1/8"	1
13	GEAR REDUCER MODEL CC 70 - 60:1	1
14	DETERGENT PUMP (WELCO WP1000)	1
15	BOLT HEX 1/4-20 - 3/4"	2
16	MOTOR kel-Tech, - 3/4HP 220V AC, 1700 PRM, AL	1

5.2. TAIL UNIT





SECTION A-A

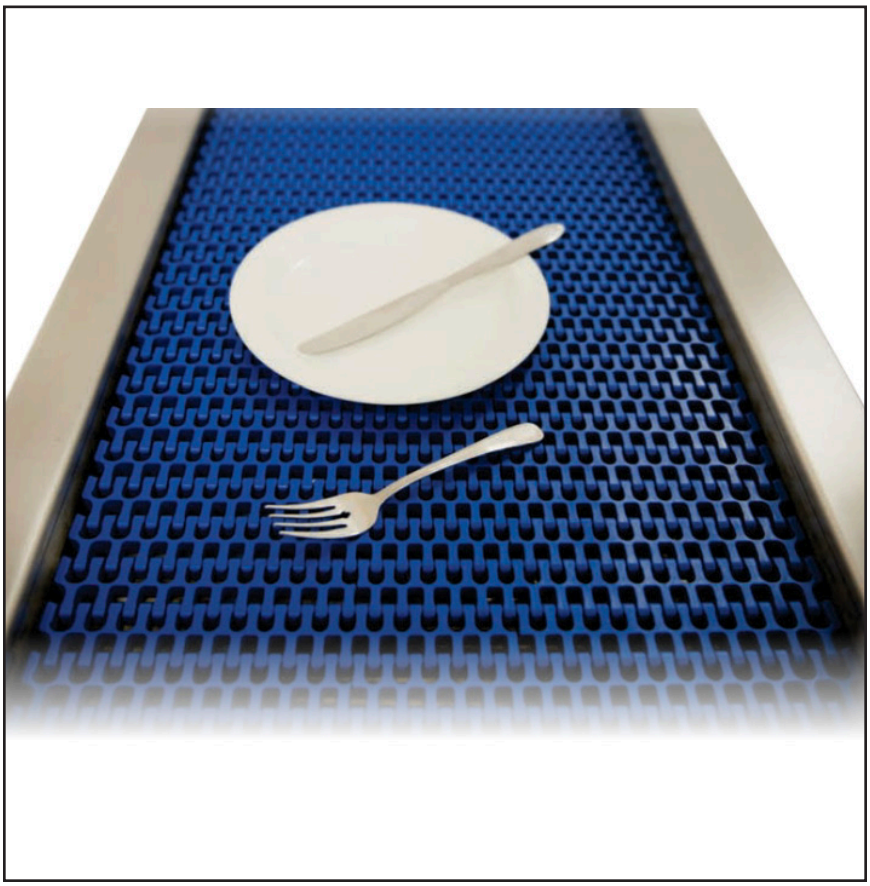


SECTION B-B

Item No.	Title	Qty.
1	LIFT UP TAIL UNIT W/ SPROCKET (12"W BELT)	1
2	TAIL TANK SIDE PANEL	2
3	TAIL TANK BACK PANEL (12")	1
4	TAIL TANK FRONT (12")	1
5	TAIL TANK FRONT TOP (12")	1

Item No.	Title	Qty.
6	TOP ACCESS BASKET (12")	1
7	TAIL TANK BOTTOM (12 - TOP)	1
8	DRAIN W/CROSSING (1 1/2" Dx 1 1/2"LG)	1
9	SUPPORT PIN	2
10	BASKET HANDEL 12-1/4"LG	1

6. MESH BELT CONVEYOR MANUAL ELECTRICAL



WARNING:

To prevent electrical shock, injuries or even death always disconnect the power before working on our electrical system.

Aerowerks

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Toll Free: 888.774.1616
Email: electrical@aero-werks.com

TOTE CONVEYOR ELECTRICAL MANUAL - TABLE OF CONTENTS

ABOUT

This manual covers the Aerowerks slat belt conveyors electrical systems and assist the user to troubleshoot and optimize its performance.

PANEL COMPONENTS

The electrical control panel contains many different electrical components that are used on a case by case basis. These components are DC power supplies,
disconnects, fuse blocks, programmable logic controllers (PLC), Variable Frequency Drives (VFD), and relays.

DC POWER SUPPLY

The control system of the conveyor is powered by 24VDC power supply unit. This unit provides power for the entire control system. It is protected with fuses sized to suit the individual panel requirements. Always refer to the electrical diagram for further information regarding the fuses. The control panel is not waterproof and under no circumstances shall the control panel be hosed down with water.

MAIN DISCONNECT SWITCH

This switch disconnects all power to the panel so the panel can be worked on safely. Always refer to the nameplate to determine the correct voltage to be supplied to the panel.

The main control panel is not waterproof and under no circumstances shall the control panel be hosed down with water.

FUSE BLOCKS

All fuses are sized individually for control or power circuit so it is important to refer to the electrical wiring schematics when replacing fuses. The fuses are class CC and will always be labeled with the correct fuse size on the fuse block.

MINI BREAKER

The Mini Breakers are for overload and short circuit protections. The label on the breaker changes to red if it is tripped. If tripped, check the wiring using the schematic diagram and determine the cause of the overload.

PLC

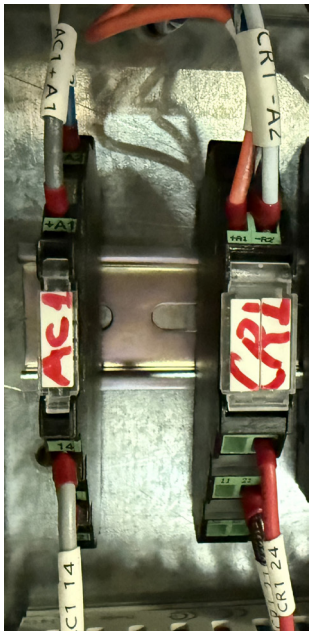
The programmable logic controller (PLC) controls all input and output signals according the program installed. The numbers on the display will show the inputs and outputs, and those numbers will be highlighted when input/output signals are activated. If you have issues with the PLC please contact Aerowerks for assistance.

VFD

The variable frequency drive (VFD) controls the AC motor speed and current by varying motor input frequency. The VFD's display will show the frequency of the drive when it is running. The VFD will be covered in more detail further on in the manual.

RELAY

The relay is used in some cases to replace the PLC or for higher current operations. The relay is 24V controlled and will be either of a three or four pole type.



MACHINE COMPONENTS

MOTOR

The motor for the slat belt is located in the drive unit. The motor is a 0.75 HP AC motor by convention but always check your electrical drawing to confirm. The VFD operates this motor when the conveyor is running.

ACCUMULATION PROXIMITY SENSOR

This type of accumulation sensor uses a photoelectric beam to sense the presence of an object (tote) instead of a mechanically operated switch.

When washing the conveyor never direct the those spray towards the accumulation switch which will cause a malfunction. The photo-electric beam lens needs to be wiped clean frequently to prevent false activation.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Start Button is pushed but conveyor does not start.	System is not getting power	Verify that the main power breaker is on and the system is getting power.
	Conveyor speed is set to 0%	Increase the conveyor speed.
	The accumulation light is on.	Remove any obstructions from the sensors and restart conveyor
	Excessive mechanical load.	To verify if there is an excessive mechanical load, do the following: open the panel, turn the power on, look for the VFD. It is labelled “VFD” on the lower right side, Press the start button, check the VFD and if the display shows “OCF” or display is blinking then the load is excessive. The entire belt and return track must be checked for any snags or obvious damage. Check for possible obstructions or tools wedged in the belt.
	VFD Fault	To verify if there is VFD fault, do the following: open the panel, turn the power on, locate the VFD as noted above, press the start button and observe the display. If there is an error code other than **AC.Lt**, **lt.AC** or **OLF** contact Aerowerks for further assistance.
	Motor is damaged or not receiving power.	First remove the T1, T2, and T3 wires from the bottom of the red terminal blocks on the problem motor. Check to make sure the VFD will respond correctly by showing an FR 10.0 to FR 55.0 depending on the speed setting. (If not call Aerowerks). Check the resistance across the T1, T2 and T3 terminals to verify there is no short circuit or open circuit. Trace the wire and ensure its integrity is correct.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Accumulation light will not go off and conveyor does not run.	Accumulation sensor is out of alignment and sensing something in front of it.	Realign the sensor that shouldn't sense anything between its targted distance. Indicator light will stay orange if the sensor detects anything.
	Defective Accumulation Sensor.	Indicator light will turn red if sensor is defective.
	Dirty sensor lines.	Clean the lense with clean cloth.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The speed control is not working.	The knob has become loose and is not turning the stem.	Tighten the screws on the knob to make sure the stem of the potentiometer is turning
	The cord has become damaged or loose.	Verify the integrity of the cord to ensure it is not cut or damaged. Check to ensure the connection to the VFD is tight and correct.
	The potentiometer is burned out..	In order to verify that the measurements are being taken from the proper terminal, remove the VFD cover and check the terminals on the VFD. Check the resistance from T1 to T2. On the minimum setting you should have 5K ohm and on the maximum setting 0.1 ohm with a variance in between. With the exact opposite effect when measuring T2 and T3. If you are not measuring those values then it is possible you need to replace the potentiometer. Refer to the section below for assistance on replacing the potentiometer.
The Belt is jerking during operation	The tail end hinging is lifted.	Push the tail end back down into the starting position
	The tabs are getting caught on the guide rail	Inspect the guide rail edges on top and bottom. Ensure tabs are laying completely flat, Check for broken tabs.
	Wear tape under belt is peeling	Separate belt, locate peeling section of tape and cut the peeling parts using a sharp blade.
	Belt not engaging sprockets properly	Check if belt has too much slack and tighten. Check if sprocket is loose or misaligned. Ensure plastic spacers are in place. Make sure Set collars are in place and Set screws are tight.

REPLACING THE POTENTIOMETER

TURN THE MAIN DISCONNECT SWITCH TO THE OFF POSITION

In order to replace the potentiometer the following tools are required:

- Solder gun
- Solder
- Wire cutters
- Channel grips
- New potentiometer

Call Aerowerks for replacement (1.888-774-1616)

FOLLOW THESE STEPS TO REPLACE THE POTENTIOMETER:

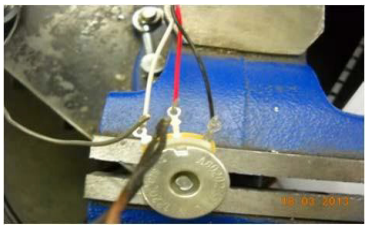
1. Remove the screws from the front of the panel.

2. Loosen the screws on the dial and pull the dial off.

3. Loosen the nut on the potentiometer and pull it off so it can be removed.

4. ** Ensure power is disconnected** Pull the potentiometer out and cut the wires.

5. Strip the wires and solder them on in the following configuration (white, red, black).



6. Ensure the top wires match from left to right (white red, black)

7. Reattach everything back to its designated position making sure it is safe electrically. Then the system can be tested to ensure the speed control works as required.

7. WARRANTY: AEROWERKS INC. LIMITED WARRANTY, SERVICE & PARTS POLICY

7.1. WARRANTY PERIOD

Aerowerks warrants its products to the original purchaser against any defects in material and workmanship, under normal use and service for a period of one year after the date of installation. Such installation must be performed by Aerowerks personnel or an Aerowerks authorized agent.

7.2 . GENERAL

Aerowerks will not cover for damage to electrical/mechanical equipment on conveyors due to power surges, water damage (due to building plumbing leaks or improper equipment maintenance) & electrical overloads.Aerowerks is not liable for damage caused by faulty installation, mechanical or electrical failure caused by unauthorized alteration, misuse or abuse of the equipment.
Liability or obligation in connection with the products of Aerowerks is limited to the products covered in this warranty. This warranty is exclusive and in lieu of any other warranty, either written or oral and whether express or implied. This warranty is limited to the United States and Canada. In no event shall Aerowerks be liable for incidental, indirect or consequential damage whether caused by use, misuse, or defects in the product.

7.3. CUSTOMER RESPONSIBILITY

In addition to complying with all suggested maintenance guidelines and instructions, owner's obligation shall include but not be limited to: operating the equipment in accordance with the owner's manual or any other additional instructions given at time of installation or in subsequent communications provided by Aerowerks or its authorized agent.
The owner shall exhibit reasonable care in the use, operation, maintenance and general upkeep of the equipment.

Failure to comply with these requirements will void any applicable warranty.

7.4. HOW TO HANDLE A WARRANTY CALL

Please contact Aerowerks Customer Support Staff at **1-888-774-1616 ext. 2** for all concerns regarding Aerowerks equipment. Hours of operation are 8:00 am to 4:30 pm EST.

7.5. DO NOT CONTACT HOBART SERVICE:

Hobart Service is our authorized service agent and will only perform warranty service with a valid purchase order and authorization from Aerowerks. Contacting us directly will speed up the process of your warranty concern to minimize downtime. If you require after hours emergency service then call Hobart Service. In the event that Hobart Service has scheduled a service call without prior notification to Aerowerks they must notify Aerowerks and request a valid purchase order from Aerowerks during our normal business hours before invoicing Aerowerks.
Please Note: Aerowerks will cover the cost of the service call. If overtime is required or requested, the extra charges will be the customer's responsibility. The claim must be submitted to Aerowerks immediately for validation.

7.6. WARRANTY COVERAGE

It is important to follow the proper operation and maintenance procedures outlined in the service manual, so that the new Aerowerks System will provide years of trouble-free operation. Failure to follow proper operating and maintenance procedures will void the warranty of your equipment.
Please review complete system manual for operation, clean-up and maintenance procedures. The obligation of Aerowerks under this warranty is to repair or replace any defects in the equipment. All the services covered under the warranty will be provided by Aerowerks during regular working hours. All claims against this warranty must be made in writing to Aerowerks. Equipment must be serviced by Aerowerks technicians or its authorized agent. All warranty parts will be shipped to the client via regular ground transportation. Express or priority delivery will be invoiced to the customer.

7.7 MESH BELT CONVEYOR

The following items are not covered under warranty:
Conveyor Mesh Belt links: Over time, the plastic links that transport dishware will wear, scratch and may break or even separate from belt line. This is normal; replacement of these links is not covered under warranty. It is important that you do not operate your system with broken or damaged belt links. Operating the conveyor with missing and or damaged links may damage the conveyor.

7.8. MESH BELT JAMS

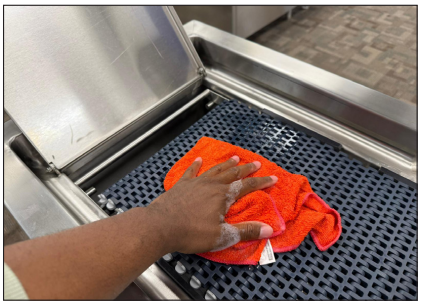
The Mesh belt is designed to lift out of the track when the release in the tail unit is lifted thus making it to clean without the use of tools for easy cleaning. If, after cleaning or servicing, the belt is not inserted into the track properly the conveyor will jam once started. This is the most common cause of conveyor jams and is not covered under warranty.
It is important to train staff on the proper operation and clean-up procedure of the MBC system. See operation manual.

INSTRUCTIONS

HOW TO CLEAN DRIVE UNIT 1

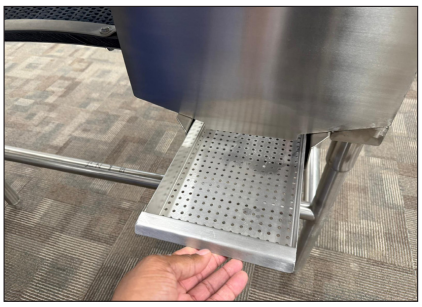
TURN THE MAIN DISCONNECT OFF!

1. Gather a bucket of warm water, some soap, and a cloth.



2. Use the cloth and wipe under and over the belt all along the length of the belt.

3. Wipe along the sides of the belt where the tabs are located as food gets lodged in the tabs.



4. Empty and spray the scrap basket to clean it.

HOW TO CLEAN RINSE STATION AREA

TURN THE MAIN DISCONNECT OFF!

1. Clear all dishes from Belt before starting.

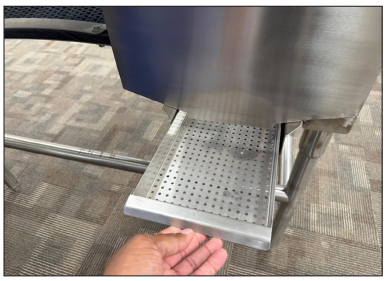
2. Start spraying along the belt from right to left, beginning at the entrance and continuing all the way to the end. Ensure all food is washed off the belt.

3. Make sure you spray the tabs on both sides of the belt, as food can build up in them.

4. Wipe the sides of the belt where the tabs are located, as food tends to get lodged in them.

5. Wipe all excess food off with a cloth and warm water.

6. Lift the belt cover and spray all debris in the compartment below the belt.



7. Empty and spray scrap basket to clean it.

HOW TO CLEAN TRAY DROP AREA

TURN THE MAIN DISCONNECT OFF!

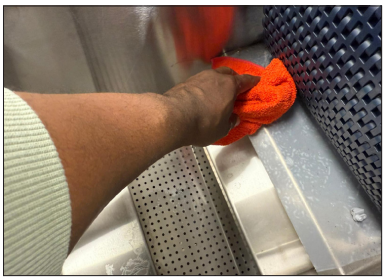
1. Get a bucket of warm water, soap, and a cloth.

2. Lift tail cover all the way up.

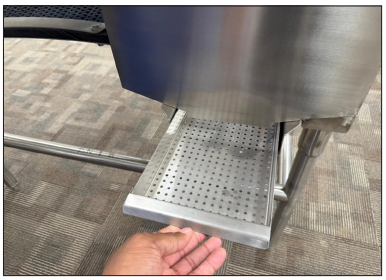
3. Lift the hinge to release the tension on the belt.

4. Use the cloth and wipe under and over the belt all along the length of the belt toward the tail cover.

5. Wipe along the sides of the belt where the tabs are, as food tends to get stuck in those areas.



6. Clean the compartment under the hinge to ensure all food debris is pushed into the scrap basket.



7. Empty and spray scrap basket to clean it.

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