

MODEL AZP 80



Waste Pulper (USA Version)

OWNER'S INSTALLATION, OPERATION AND MAINTENANCE MANUAL

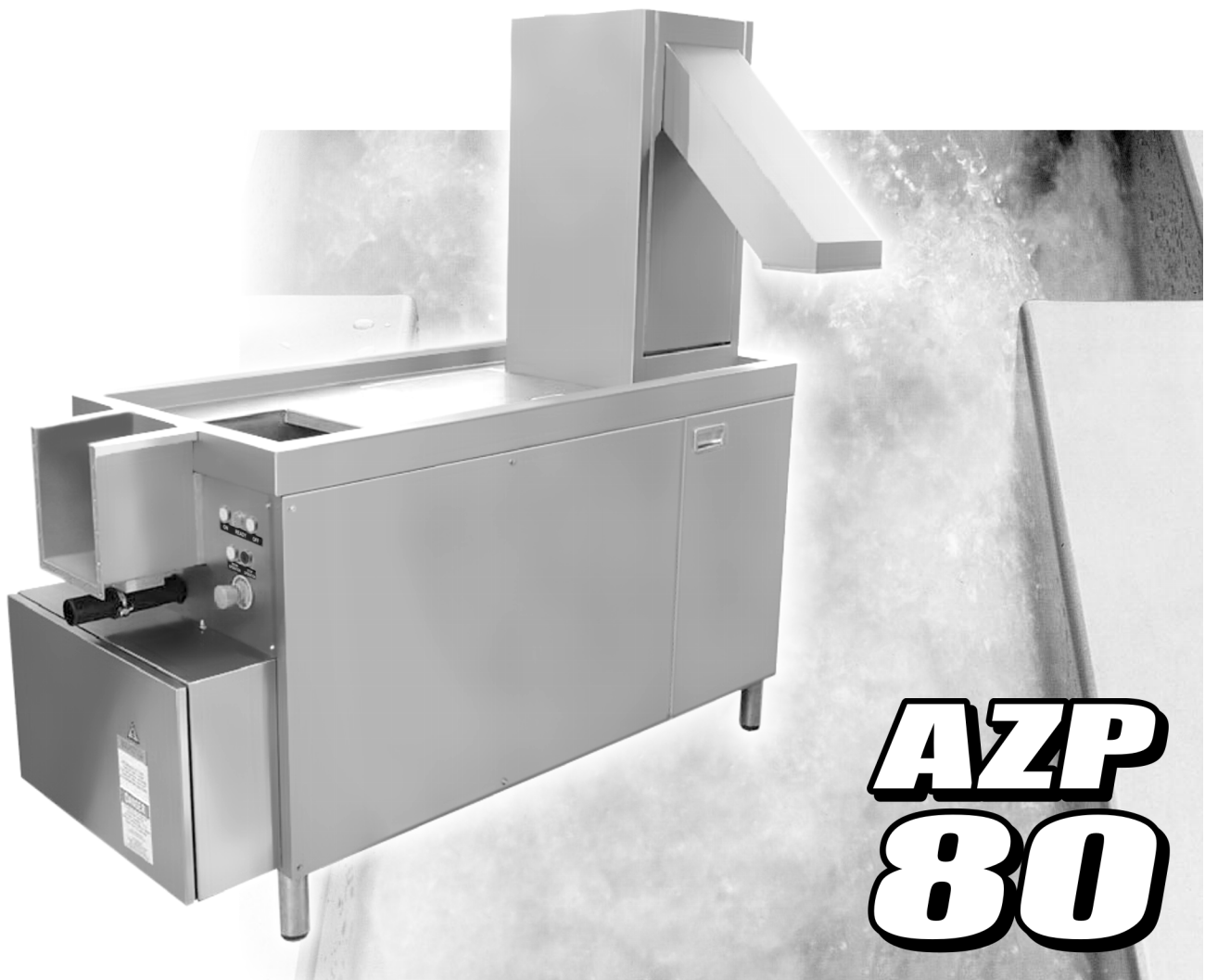


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AN ELECTRICAL WIRING DIAGRAM IS LOCATED INSIDE THE CONTROL BOX OF THIS MACHINE.

MEIKO WASTE PULPERS HAVE BEEN DESIGNED EXCLUSIVELY FOR PULPING/ DEWATERING OF FOOD WASTE AND MIXED KITCHEN WASTE IN A COMMERCIAL OR INSTITUTIONAL SETTING ACCORDING TO THE GUIDELINES IN THIS MANUAL AND MAY NOT BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF MEIKO.

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1 INTRODUCTION

1.1 Overview of Equipment

The Meiko AZP 80 is a commercial waste pulper intended for processing food waste and mixed kitchen waste. The appliance consists of a grinder and a water separator in a close-coupled formation inside a common housing.

Waste is fed into the machine using either a manual feeding opening, or by an optional water trough. Waste is moved through the machine by the flow of water controlled by an internal recirculating pump that minimizes the need for additional water. For units equipped with a feeding trough, the machine's internal recirculating pump also provides a water supply for the trough system.

Waste is drawn into the grinding wheel by water flow. The grinder consists of a powerful 8.8 hp/6.6 kW motor, grinding disk, filter ring and knife. Cutting teeth are made from tungsten carbide for superior performance and longer life. After the waste is ground into a pulped mass, sieve openings in the grinder wall allow it to be drawn through and guided to the water separator.

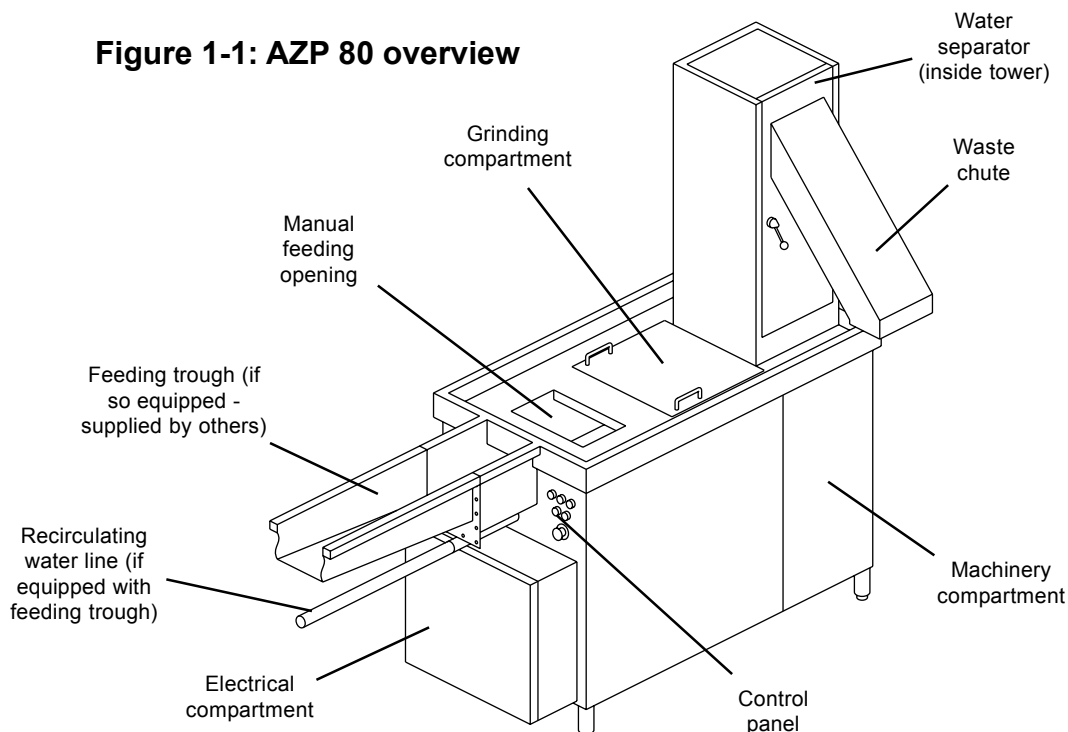
The separator consists of a perforated cylinder and a screw. As the screw rotates inside the cylinder, the ground waste is pressed against the perforations, which removes water from the waste, compacts it, and lifts it. Separated water escapes through the perforations in the cylinder, drains downward, and is returned to the grinding tank. The solid, nearly-dry pulp is routed out of the top of the machine by a waste chute, which can be emptied into a normal, lined garbage can for easy disposal. A volume reduction of up to 85% is possible using the AZP 80 with normal kitchen waste. A 70% reduction is typical.

For efficient and SAFE operation, be sure to follow the installation and operating instructions provided in this manual. In particular, all safety symbols and notices on the equipment and in the supplied documentation must be followed.

IMPORTANT

Meiko waste pulpers have been designed exclusively for the pulping/dewatering of food and mixed kitchen waste in a commercial or institutional setting according to the guidelines in this Manual and must not be used for any other purpose.

Figure 1-1: AZP 80 overview



1.2 General Safety Information

The following symbols and headings are used throughout this manual to indicate possible hazards to persons or to the equipment. The symbols and headings are shown in order of importance. The descriptive text following these headings is *italicized* for easy recognition.



WARNING! *Possible hazard to persons, such as from electrical shock, crushing, or hot surfaces.*

CAUTION *Possible hazard to the dishwasher or to other equipment.*

IMPORTANT *Vital information or tips for the installer or operator.*

NOTE *Information or tips for the installer or operator.*

2 TRANSPORT AND SHIPPING

IMPORTANT

- *Observe any notices on the crating material that pertain to shipping.*
- *Use care when transporting the equipment.*
- *As you unpack the equipment, check that all components shown on the shipping invoice are present and intact. Be sure to check for shipping damage. If shipping damage is present, file a freight claim immediately and inform Meiko of the damage, identifying all affected parts.*



WARNING! *In NO EVENT should a damaged appliance be installed or operated!*

3 INSTALLATION

3.1 Overview of Installation

The owner should contract with qualified personnel to move the appliance to the installation location, unpack it, and prepare it for final utility connections. In most cases, local codes prevent the final utility connections from being made by any party other than a licensed electrician and/or plumber.

IMPORTANT

It is the responsibility of the owner to ensure that all aspects of the installation comply with all applicable local and national codes.

IMPORTANT

The appliance's warranty is not valid until a Meiko Authorized Service Agent performs a Startup and Demonstration on the appliance. This Demonstration should be scheduled after the installation.

Installation of the waste pulper involves the following steps:

- Verifying that the utility connections are present, are appropriate for the appliance, and comply with all applicable local and national codes.
- Unwrapping the appliance (leaving the shipping skid in place for easier movement) and checking for shipping damage.
- Moving the appliance to the installation location, removing the skid, and leveling the feet.
- Attaching a feeding trough (if so equipped).
- Connecting the electrical supply.
- Connecting the water supplies.
- Connecting the drain line, and routing it to an appropriately-sized floor drain.
- Installing a deodorizing system (if so equipped), following the manufacturer's instructions.
- Contacting your Meiko Authorized Service Agent to perform a Startup and Demonstration on the appliance. This step also validates the appliance's warranty.

3.2 Requirements Before Installation

Before the installer can uncrate and move the appliance to the installation location, the following conditions **MUST** be met:

- **INSTALLATION AREA REQUIREMENTS**
 - The area **MUST** be frost-free. Freezing temperatures (32°F/0°C or lower) inhibit proper operation and can damage internal components.
 - The area **MUST** have a firm floor surface. It is possible to compensate for uneven flooring by adjusting the feet.
- **UTILITY CONNECTION REQUIREMENTS**
 - Connections must be present and ready for hookup to the appliance. All utility supplies must comply with the electrical information labels, on the data plate, and with all applicable local and national codes.
 - Electrical leads and the water supply lines (supplied by the customer) must be present. The water supplies must be of the pressure and temperature specified on the data plate.
 - For units equipped with an optional trough feeding system, the trough should be present, and must match the requirements of the machine as per all specification sheets and supplied drawings.
 - For units using a deodorizing system, an appropriate dispenser or container should be installed and ready for connection to the appliance.
- **GENERAL REQUIREMENTS**

Authorized personnel should be available to perform the actual utility connections.

3.3 Uncrating, Positioning and Leveling

1. Remove all shipping and packaging material from the appliance, including supports and wrappings. Leave the shipping skid in place at this time to allow for easier movement to the installation location.
2. Check for shipping damage as described in **Section 2, Transport and Shipping**. If damage is present, call Meiko Customer Service at **1-800-868-3840**, providing full details on the customer, serial number and

extent of damage present. Meiko will file a freight claim based on this information.

3. Move the appliance to the installation area and remove the skid. Meiko recommends using a pallet truck to lift the entire pallet and avoid damage to the machine. Use caution to avoid damaging the appliance or any of its components.

CAUTION

If the pallet is removed, the frame of the machine can be damaged by improper lifting. Always use wooden members to properly distribute the machine's weight and avoid damage. Note that motors or other components may extend below the frame; use caution to avoid damaging these components.

CAUTION

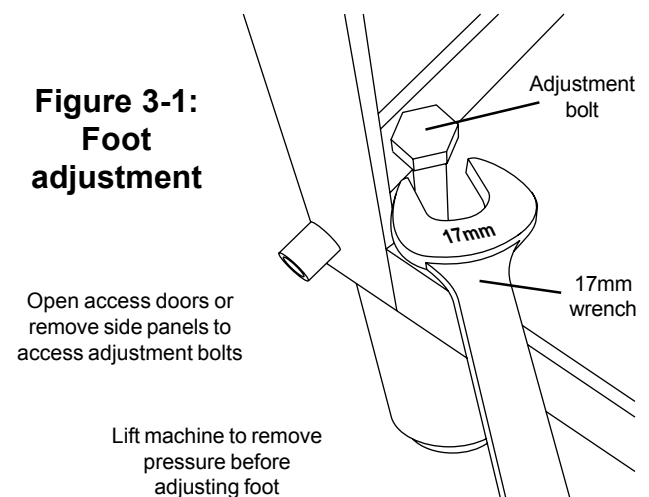
Do not attempt to slide the machine on its feet. This may damage the feet or bend the legs of the machine. Move the machine to the installation location by lifting it, using a palette truck with wooden members to distribute the weight.

5. Using a spirit level, check that the appliance is level in both directions (front-to-back AND side-to-side). If necessary, level the appliance by accessing the bolts above each foot and adjusting them using a 17mm wrench. It is necessary to lift the machine to remove the pressure from the foot before adjustment. Refer to Figure 3-1.

CAUTION

The waste pulper **MUST** be level for proper operation.

**Figure 3-1:
Foot
adjustment**

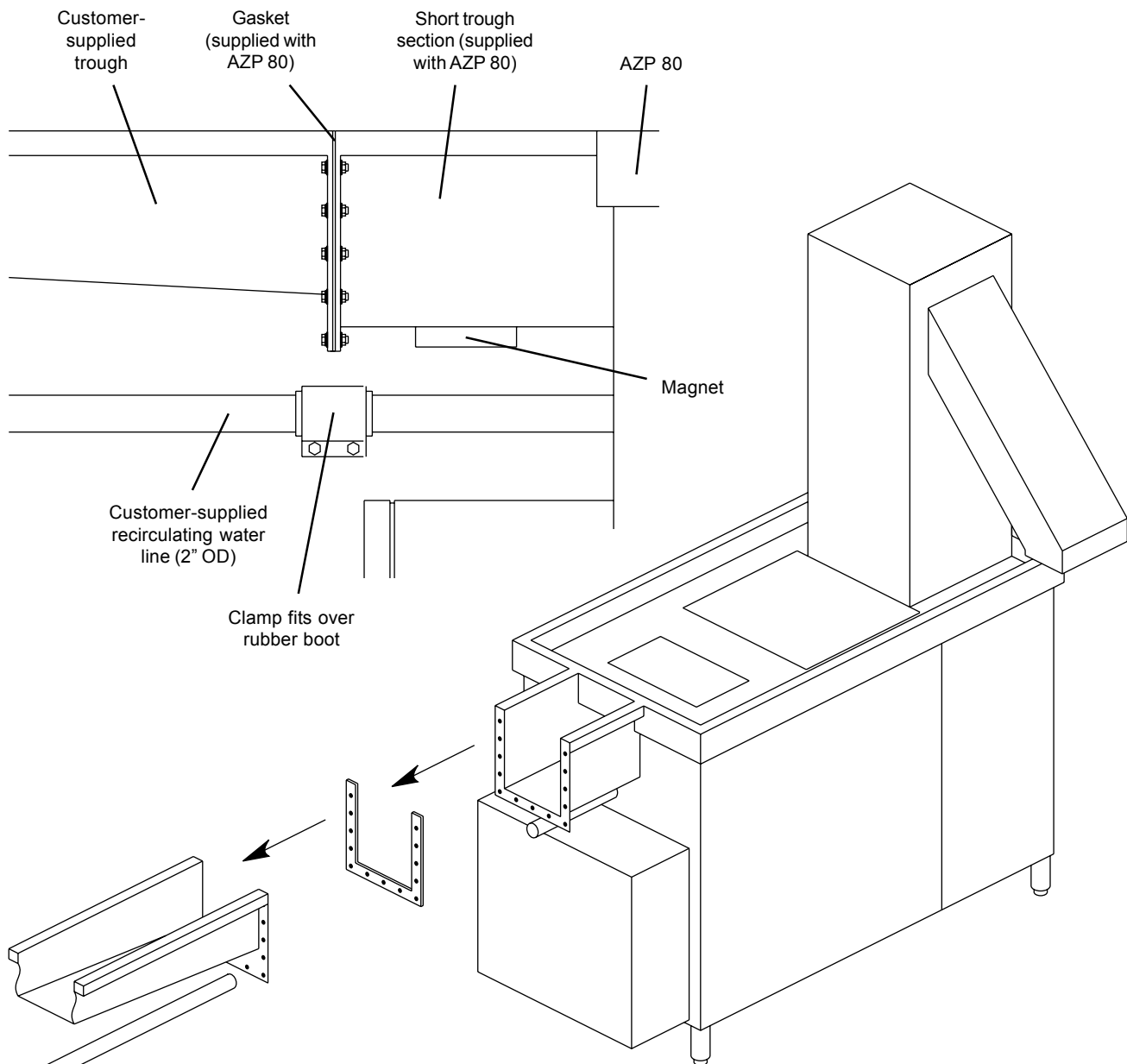


3.4 Connecting a Feeding Trough (if so equipped)

Waste pulpers intended for use with a feeding trough are equipped with a short trough section at the load end of the machine. This section incorporates a cutlery catch box, magnet, and a mating plate. The end of the trough (supplied by others), when constructed to drawings supplied by Meiko, will incorporate a matching plate to allow for connection to the pulper.

1. Attach the trough using qty. 13 hex bolts, flat washers, lockwashers and hex nuts as shown in Figure 3-2. Be sure to install the supplied gasket between the mating surfaces. Seal the connection with silicone sealant to prevent water leakage.
2. Attach the recirculating water line to the machine's 2" OD pipe connection using the supplied clamp and rubber boot.

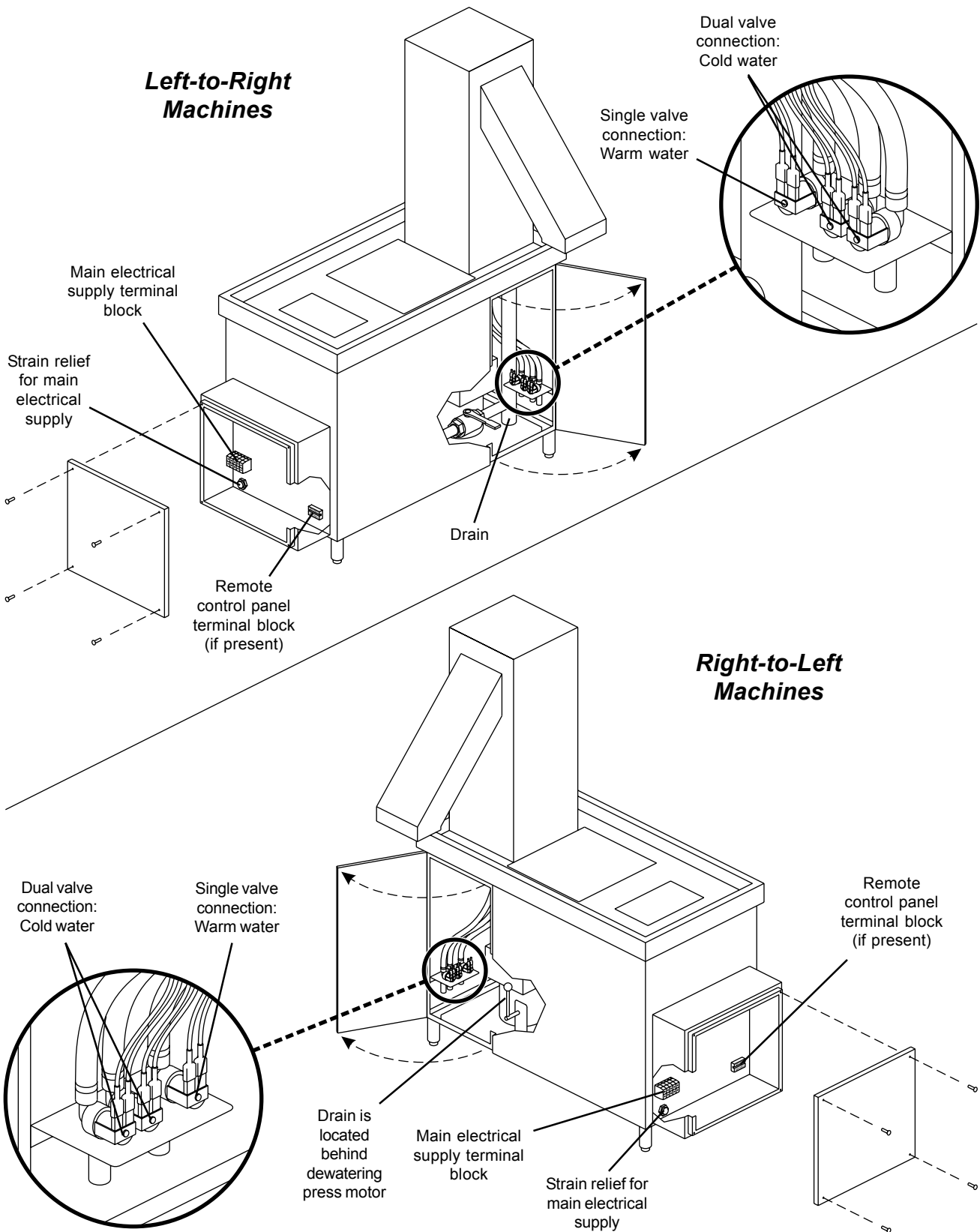
Figure 3-2: Trough connection



3.5 Accessing the Utility Connections

The utility connections for the machine are shown in Figure 3-3.

Figure 3-3: Utility connections



3.6 Main Electrical Supply Connection



WARNING!

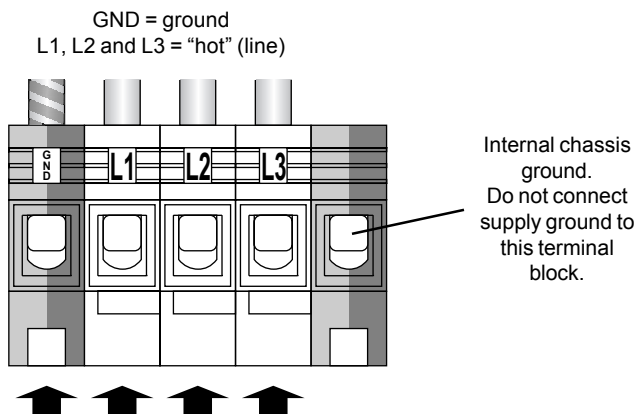
Check that the circuit breaker/fused disconnect is in the OFF position and that the unit is switched off before making the electrical utility connections.

IMPORTANT

In some cases, local codes dictate that electrical supply connections be made only by a certified professional.

1. Check that the incoming power leads are of sufficient rating for the appliance's current draw. Amperage and minimum supply wire specifications are shown on the serial plate and on the electrical information label inside the control box.
2. Remove the cover panel from the electrical control box by removing the four screws that hold it in place.
3. Locate the strain relief for the electrical supply wiring on the back of the control box (Figure 3-3). Thread the incoming supply leads through the strain relief and to the main electrical supply terminal block.
4. Refer to Figure 3-4. Connect the power supply and ground leads as indicated.
5. Adjust the strain relief to fasten the wiring in place. You should leave enough slack in the wiring to prevent stress on the terminal connections.

Figure 3-4: Main electrical supply connections



3.7 Remote Control Box Installation (if so equipped)



WARNING!

Check that the circuit breaker/fused disconnect is in the OFF position and that the unit is switched off before making the electrical utility connections.

IMPORTANT

In some cases, local codes dictate that electrical connections be made only by a certified professional.

1. If the machine is equipped with the optional remote control box, fasten the remote control box in place in the desired location. Then, remove the four screws that hold the cover panel in place to access the connections.
2. Locate the remote terminal block inside the AZP 80 main electrical compartment (see Figure 3-4). Then, locate the corresponding terminal block inside the remote control box.
3. Route a cable with 10 conductors and a ground (supplied by others - AWG 16 recommended) between the AZP 80's electrical compartment and the remote control box. Strain reliefs are provided in the back wall of the main AZP 80 electrical compartment, and on the bottom of the remote control box.
4. Connect the cable, making sure to match each set of corresponding terminals correctly. The remote control box draws its power from the AZP 80. No additional electrical supply connection is required.

3.8 Water Supply Connections

CAUTION

Before connecting the water supply lines, they MUST be flushed clean of all debris, including (but not limited to) pipe sealant, metal particles, solder, etc. This debris can damage the appliance.

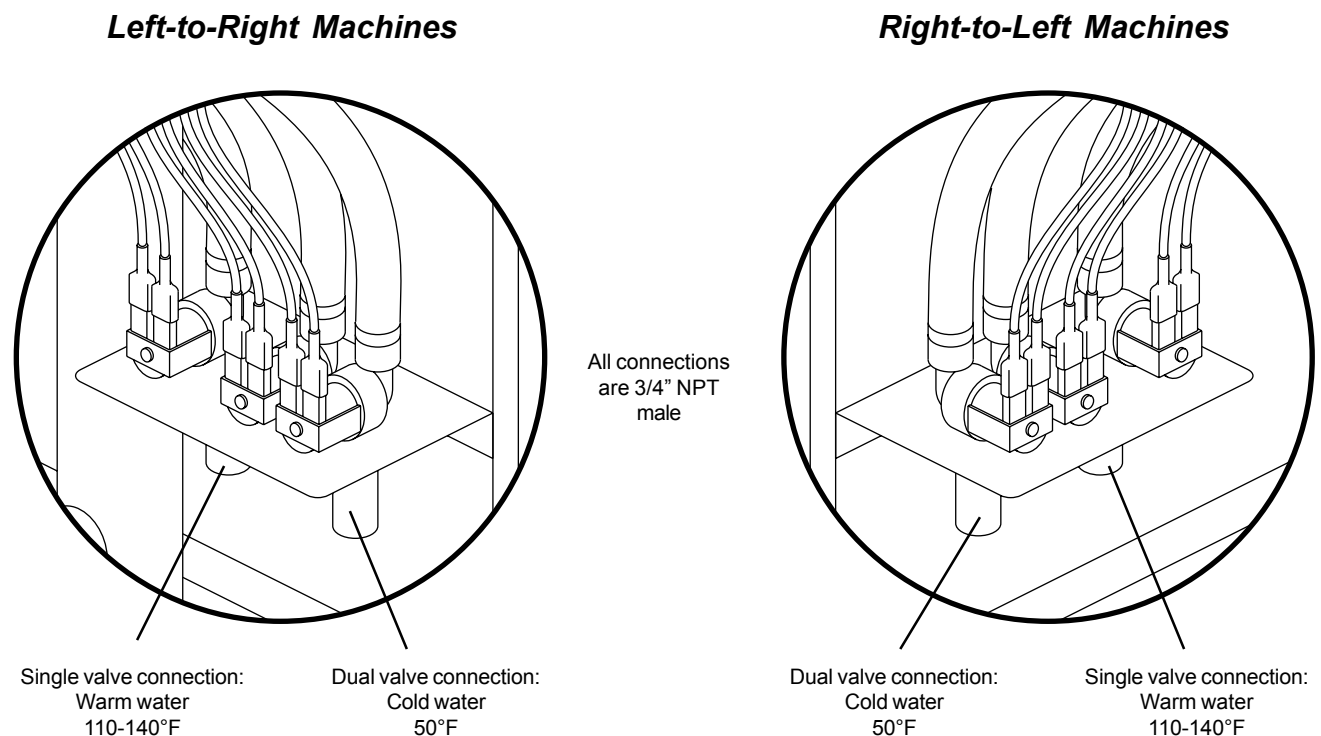
IMPORTANT

In some cases, local codes dictate that water supply connections be made only by a certified professional.

The water supply connections for the waste pulper are located behind an access panel on the front of the machine. Both connections are 3/4" male NPT. See Figures 3-3 and 3-5.

1. Check that iron or other metal particles cannot contaminate the fresh water supplied to the dishwasher.
2. Check the incoming water temperature.
 - The dual valve connection, located closest to the front of the machine, is used for the recirculating water supply, and should use cold water (50°F/10°C recommended).
 - The single valve connection, located behind the dual valve connection, is used as a warm water rinse for the dewatering press. It should use warm water (110-140°F/42-60°C).
3. Check the incoming water hardness. Meiko recommends a hardness of 4-6 grains per U.S. gallon for proper operation and to minimize lime scale buildup.
4. Because the water inlets incorporate dirt traps, additional traps are unnecessary unless required by local, national or international codes.
5. Connect the customer-supplied water line(s) to the appropriate connection(s).

Figure 3-5: Water supply connections



3.9 Drain Connection

IMPORTANT

In some cases, local codes dictate that drain connections be made only by a certified professional.

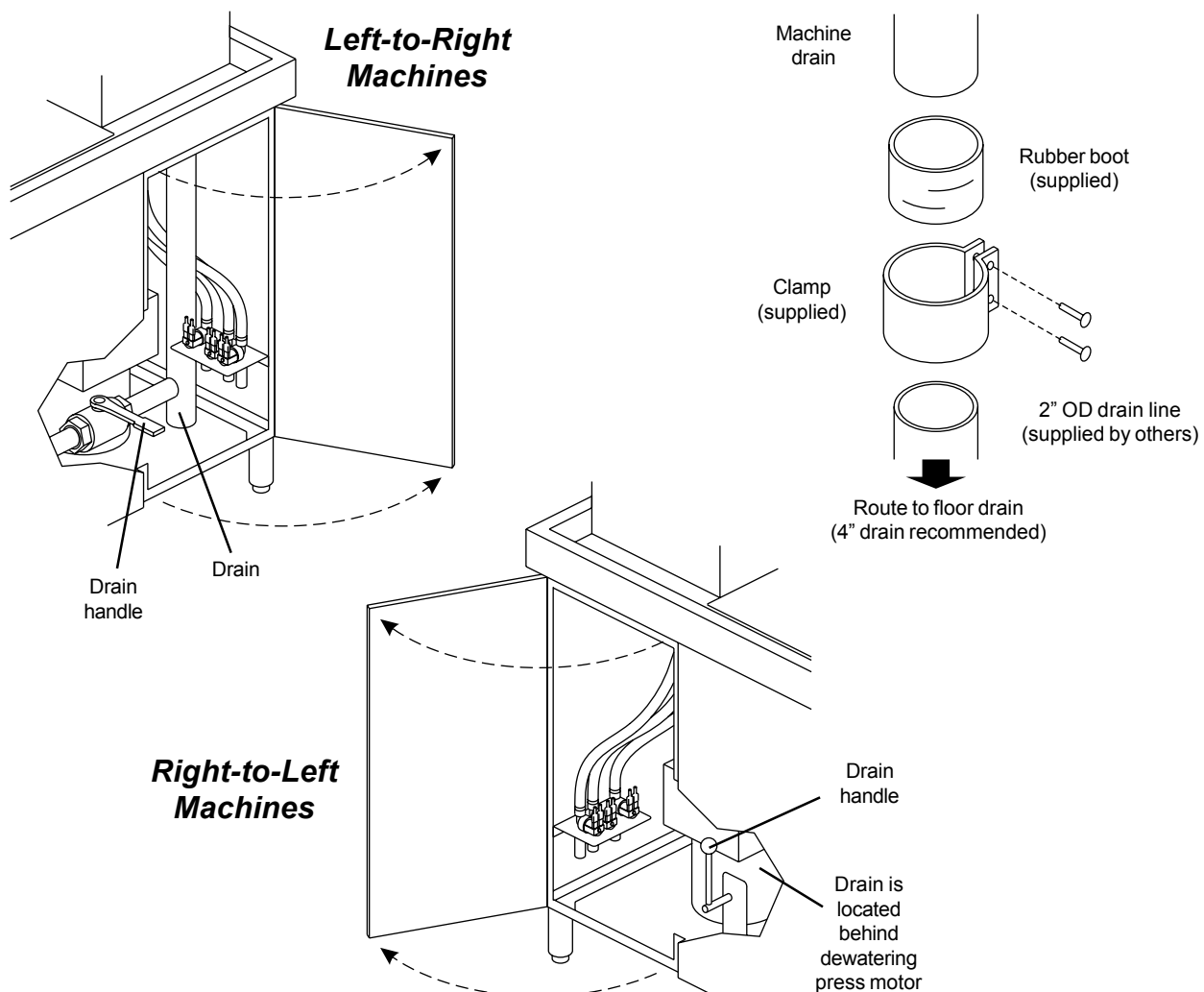
The machine is equipped with a 1-15/16" (50mm) OD vertical, gravity-fed drain. The machine requires a 4" floor drain. See Figures 3-3 and 3-6.

1. In some cases, a grease trap (supplied by others) must be fitted into the waste water line. If a trap is required for your installation, check that it is present.
2. If possible, the machine drain can simply be positioned directly above a floor drain, as shown in Figure 3-12.

3. If a floor drain is not directly beneath the machine drain, or if local codes require a trap, a drain line can be attached using the supplied rubber boot and clamp. A 2" OD drain pipe is recommended. Choose a piping material that:

- Complies with any applicable local and national codes.
- Is rated for use with water temperatures up to the machine's warmest water connection (140°F is recommended for the dewatering press rinsing system - see **Section 3.8, Water Supply Connections**)
- Is rated for 3-12 pH.

Figure 3-12: Drain connection



3.10 Installing a Deodorizing System

If the machine will be equipped with a deodorizing system (supplied by others), it should be installed at this time in an appropriate location. Only chemical deodorizers intended for use in commercial waste pulpers should be used. In particular, any chemical that results in foaming action will interfere with the correct operation of the pulper and **SHOULD NOT** be used.

3.11 Final Assembly

1. Check and tighten all electrical terminal screws.
2. Replace all panels onto the waste pulper.
3. Check that all tools, hardware, metal shavings or filings, etc. are removed from inside the machine.
4. Check that the scrap basket is in place at the bottom of the tank.
5. Close the tank cover.
6. Check that the perforated cylinder and screw are correctly installed in the water separator tower.
7. Close the top cover and door on the water separator tower.
8. Check that the drain valve is closed.
9. Close the front access door.
10. Switch the circuit breaker/fused disconnect to the ON position.
11. Press the ON button. Allow the machine to fill.

As the machine fills, the ON button illuminates. When the tank has filled, the green READY light will illuminate.

12. Press the BEGIN OPERATION button to start the waste pulper. This engages the grinder, separator and the recirculation pump. On units equipped with an external feeding trough, water will begin to flow through the trough after a few seconds.
13. Test the machine by feeding waste into either the manual feeding opening or the recirculating feeding trough (if so equipped). Be sure to follow these

guidelines when loading waste into the machine.

The following waste can be processed:

- Organic materials - Food residue (dining areas), food waste (prep areas)
- Inorganic materials - Small plastics and polystyrenes (plastic utensils, Styrofoam cups), cardboard, etc.

The following materials should **NOT** be fed into the machine:

- Metal
- Glass
- Porcelain and china
- Large bones
- Plastic bags
- Oils and grease

Load the waste steadily, instead of in large batches or "piles." Waste should be mixed, instead of sorted, when loading the machine. Any containers (cups, etc.) loaded into the machine should be opened and loaded empty - any remaining waste inside them should be emptied into the pulper first.

For further details on efficient operation of the waste pulper, refer to **Section 4, Operation.**

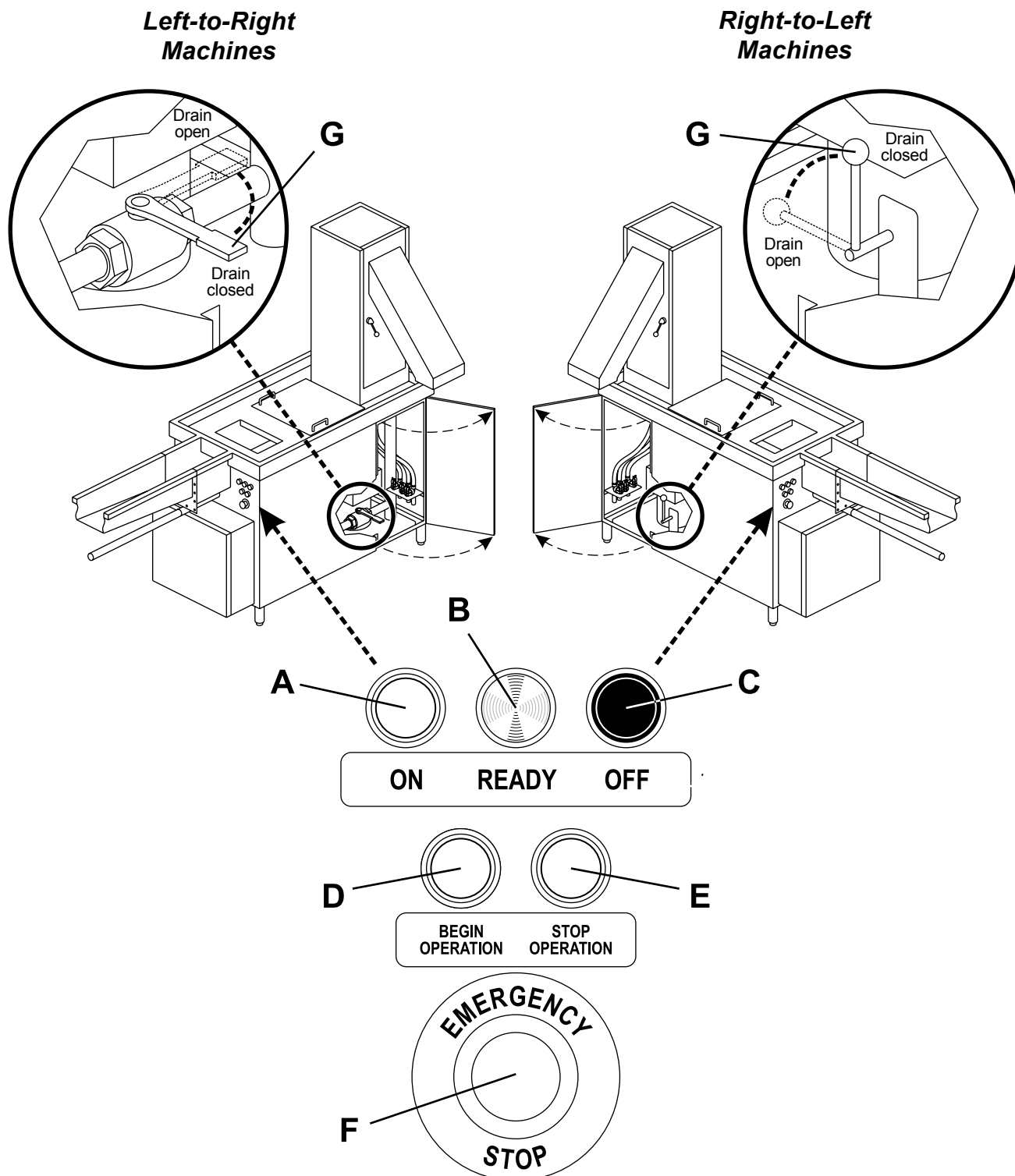
14. After checking for proper operation, press the STOP OPERATION button. The machine will enter a self-cleaning cycle that should last approximately 15 minutes. During this cycle, the STOP OPERATION button will be illuminated.
15. When the self-cleaning cycle is finished, the lighted STOP OPERATION button will turn off.
16. Press the OFF button.
17. Open the front access door. Open the drain valve, and allow the machine to drain.
18. If necessary, clean the machine according to the instructions in **Section 5, Cleaning.** The machine is now ready for operation.

4 OPERATION

4.1 Location and Description of Controls

The dishwasher controls are on the loading end of the machine. See Figure 4-1.

Figure 4-1: Waste pulper controls



A - ON button

Turns the machine on and begins the tank filling process. As the tank fills, the ON button will illuminate. When the tank is full, the READY light will illuminate, showing that the machine is ready for operation.

B - READY light

Illuminates when the tank has filled and the machine is ready for operation.

C - OFF button

Shuts down the machine immediately.

D - BEGIN OPERATION button

If pressed when the tank is full (and the READY light is illuminated), this sets the machine into operation. This engages the grinder, separator and the recirculation pump. On units equipped with an external feeding trough, water will begin to flow through the trough after a few seconds.

E - STOP OPERATION button

Starts the automatic self-cleaning rinse in the dewatering press tower. This cleaning cycle will last for approximately 15 minutes. When the cleaning cycle is running, the STOP OPERATION button will illuminate. When the cycle is completed, the light will turn off.

F - EMERGENCY STOP button

Shuts down the machine immediately.

After it is pressed, the EMERGENCY STOP button must be pulled back out to reset it before the machine will operate.

G - Drain handle

Opens and closes the drain. The drain handle must be in the closed position when the machine is in operation.

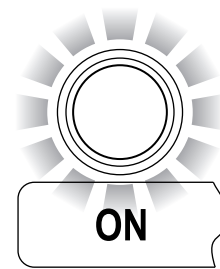
4.2 Startup

Check that the scrap basket is in place at the bottom of the tank. Then, close the tank cover.

Check that the perforated cylinder and screw are correctly installed in the water separator tower. Then, close the top cover and door on the tower.

Check that the drain valve is closed (see Figure 4-1). Then, close the front access door.

Check that the circuit breaker/fused disconnect is in the ON position.



Press the ON button.
Allow the machine to fill.

As the machine fills, the ON button is illuminated.



When the tank has filled, the green READY light will illuminate.



Press the BEGIN OPERATION button to start the waste pulper. This engages the grinder, separator and the recirculation pump. On units equipped with an external feeding trough, water will begin to flow through the trough after a few seconds.

4.3 Loading

Be sure to follow these guidelines when loading waste into the machine.

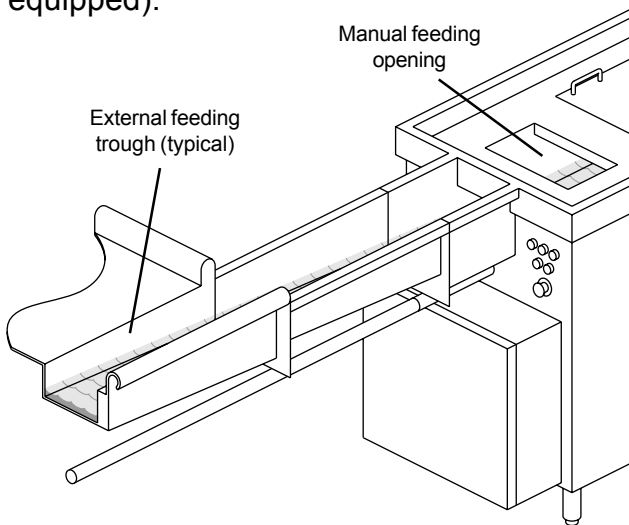
The following waste can be processed:

- Organic materials - Food residue (dining areas), food waste (prep areas)
- Inorganic materials - Small plastics and polystyrenes (plastic utensils, Styrofoam cups), cardboard, etc.

The following materials should NOT be fed into the machine:

- Metal
- Glass
- Porcelain and china
- Large bones
- Plastic bags
- Oils and grease

Waste can be loaded into the machine using either the manual feeding opening or an external recirculating feeding trough (if so equipped).



Load the waste into the machine steadily, instead of in large batches or “piles.”

For the most efficient operation:

- Load the waste steadily, instead of in large batches or “piles.”
- Waste should be mixed, instead of sorted, when loading the machine.
- Any containers (cups, etc.) loaded into the machine should be opened and loaded empty. Any remaining waste inside them should be emptied into the machine first.
- Any floating waste (Styrofoam, etc.) will take longer to grind and process, reducing the efficiency of the machine.
- Some waste, particularly products that have a high grease or oil content, may produce a foaming effect in the tank. Other wastes may accumulate on the cutting wheel. Both of these conditions will reduce the efficiency of the machine.

To reduce foaming and waste accumulation on the cutting wheel:

- Mix foaming wastes with other, more absorbent wastes (cardboard plates, etc.)
- Add a foam-absorbing product (paper or cardboard shreds, etc.) to the waste mix.

4.4 Idle Periods



During idle periods, press the STOP OPERATION button. The machine will enter a 15-minute self-cleaning mode to flush debris from the dewatering press tower, and then shut off the grinder, separator and recirculating pump.

To return the machine to operation, follow the procedure in **Section 4.2, Startup**.

4.5 Clearing Jams

Under normal operating conditions, waste will not jam inside the machine. However, improper loading, or very large pieces of waste, may cause a jam.

Most jams can be accessed simply by opening the tank access door. A safety switch shuts down the machine whenever the door is opened during operation.



WARNING!

Before opening the access door, press the OFF button to stop the machine.



OFF

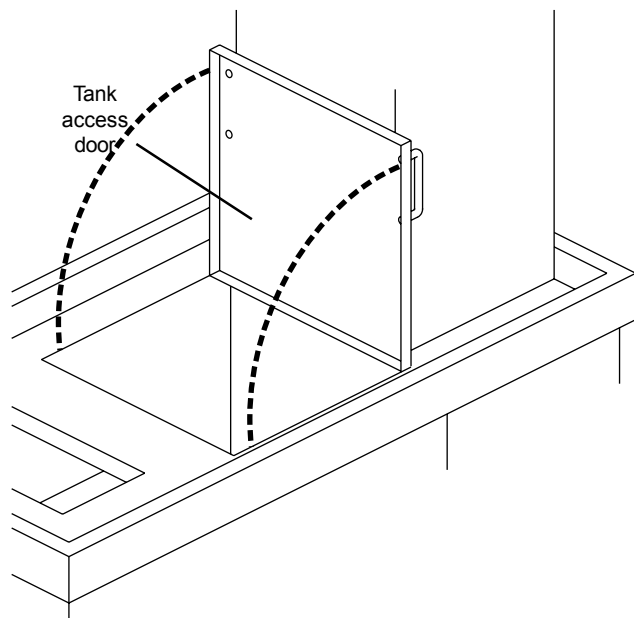
If the machine is equipped with an external feeding trough, wait until the trough water drains into the machine before opening the door to prevent splashout.



WARNING!

Never reach into the tank to clear a jam. Instead, use a long wooden object to clear a jam, such as a long wooden spoon or the wooden handle of a broom or mop.

To return the machine to operation, follow the procedure in **Section 4.2, Startup**.

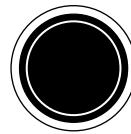


4.6 Shutdown



After all of the waste inside the machine has been processed, press the STOP OPERATION button. The machine will enter a self-cleaning cycle that should last approximately 15 minutes. During this cycle, the STOP OPERATION button will be illuminated.

When the self-cleaning cycle is finished, the lighted STOP OPERATION button will turn off.



OFF

Press the OFF button.

Open the front access door. Open the drain valve, and allow the machine to drain.

Clean the machine as described in the **Section 5, Cleaning**. Meiko recommends that the tank access door be left open overnight to allow the tank to air thoroughly.

5 CLEANING

For proper operation and effective cleaning, the dishwasher should be cleaned regularly as described below.



WARNING!

Before ANY cleaning, check that the circuit breaker/fused disconnect is in the OFF position and that the unit is switched off.



WARNING!

Open the drain valve and allow the tank to drain completely before cleaning.

CAUTION

Never use a high-pressure water spray when cleaning the machine.

IMPORTANT

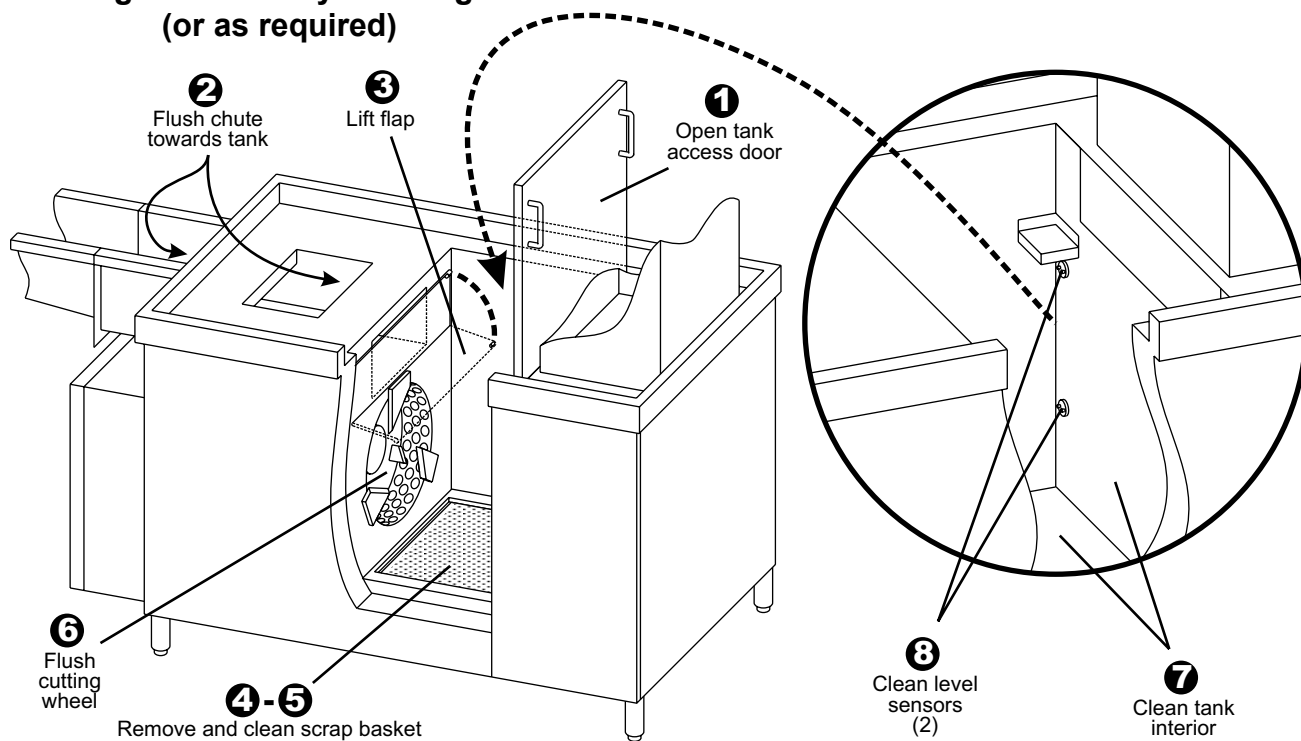
For easier cleaning, always allow the machine's self-cleaning rinse to finish before shutting down the machine.

5.1 Daily or As Required

The following cleaning procedures should be performed at LEAST once per day at the end of operation. Depending on the type of waste being processed and the amount of buildup on the cutting wheel, it may be necessary to perform these steps on a more frequent basis.

1. Open the tank access door.
2. Thoroughly flush the loading chute, washing in the direction of operation (towards the tank) using a low-pressure hose or spray nozzle.
3. Lift the cutting wheel access flap.
4. Remove the scrap screen.
5. Discard any remaining waste from the scrap screen. Then, clean the screen using a brush and warm water.
6. Thoroughly flush the cutting wheel.
7. Check the interior of the tank for any food particles or debris. Then, clean the tank interior.
8. Carefully clean the two water level sensors using a cloth and warm water.
9. Leave the doors of the machine open. Allow the interior of the machine, as well as the scrap screen, to air dry thoroughly overnight.
10. Reassemble all components into the waste pulper. Replace the cutting wheel access flap into its original position. Remember to close the drain valve before operating the machine!

**Figure 5-1: Daily cleaning
(or as required)**



5.2 Weekly or As Required

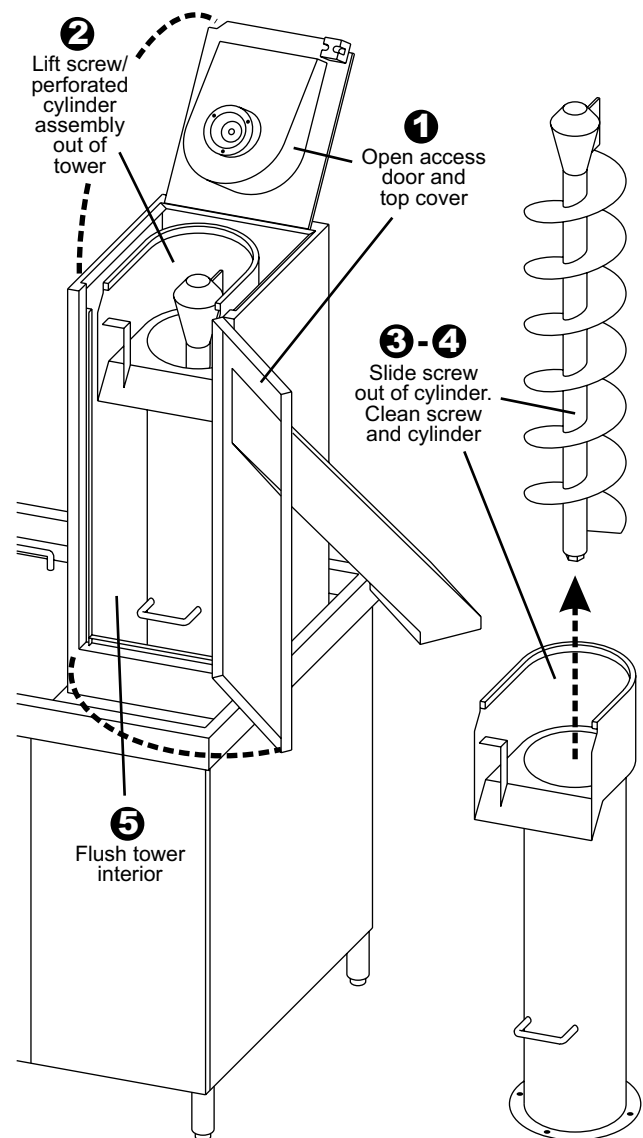
Meiko recommends that the following cleaning procedures be performed at least once per week. Depending on the type of waste being processed and the amount of buildup on the perforated cylinder, it may be necessary to perform these steps on a more frequent basis.

CAUTION

Never use a high-pressure water spray when cleaning the machine.

1. Open the water separator tower access door and top cover.
2. Carefully lift the screw/perforated cylinder assembly out of the tower.
3. Slide the screw out of the perforated cylinder.
4. Thoroughly clean both the screw and the cylinder using a low-pressure hose or spray nozzle.
5. Flush the interior of the tower chamber. Water (and waste residue) will be flushed into the water tank.
6. Clean the loading chute, cutting wheel, scrap screen, water tank and water level sensors as described in **Section 5.1, Daily Cleaning**.
7. Leave the doors of the machine open. Allow the interior of the machine, as well as the scrap screen, screw and perforated cylinder, to air dry thoroughly overnight.
8. Reassemble the screw into the perforated cylinder.
9. Replace the screw/perforated cylinder assembly into the tower. Note that the flange on the bottom of the cylinder has openings for the two location pegs in the floor of the tower.
10. The base of the screw shaft has a hex key pattern that fits into the motor drive assembly. Reach up to the top of the screw and slowly rotate the assembly until it can drop firmly into place.
11. Check that the screw is properly seated by checking the tower's top cover. If the screw is installed correctly, the top cover will close easily and snap into place. If necessary, repeat Step 10 until the shaft is seated correctly.
12. Close the tower's top cover. Then, close the front access door.
13. Reassemble all components into the waste pulper. Replace the cutting wheel access flap into its original position. Remember to close the drain valve before operating the machine!

**Figure 5-2: Weekly cleaning
(or as required)**



5.3 Exterior cleaning (as required)

CAUTION

When cleaning the exterior of the waste pulper, be sure to follow these guidelines:

- A commercial stainless steel cleaner can be used on exterior body panels. Follow the manufacturer's directions.
- Meiko strongly recommends using water or a mild detergent, instead of a stainless steel cleaner, when cleaning the control panel of the unit. These chemicals can damage the buttons, lights and labels.
- Never use abrasive cleaners or pads when cleaning the exterior of the waste pulper. These can scratch the surface of the unit.

CAUTION

Ensure that detergents and stainless steel cleaners are kept out of the interior of the machine. These chemicals can cause foaming which will interfere with proper operation. If the interior of the unit requires cleaning, refer to the deliming procedures (Section 5.4).

5.4 Deliming (as required)

Lime scale deposits will occur over time on the interior of the waste pulper if it is operated using a hard water supply. Meiko recommends a hardness of 4 grains per U.S. gallon (7 DH German hardness).

A deliming or de-scaling process can be used to remove these deposits, as well as any accumulated waste residue.

When deliming the interior, be sure to follow these guidelines:

- Use deliming agents designed for use with commercial dishwashers and waste pulpers.
- Follow the instructions for the deliming agent that is used.
- After the deliming procedure, allow the machine to run for at least 10-15 minutes to rinse the interior thoroughly.

- Press the STOP OPERATION button to engage the automatic self-cleaning cycle. The machine will enter a self-cleaning cycle that should last approximately 15 minutes. During this cycle, the STOP OPERATION button will be illuminated.
- When the self-cleaning cycle is finished, the lighted STOP OPERATION button will turn off.
- Press the OFF button.
- Open the front access door. Open the drain valve, and allow the machine to drain.
- Perform the **Daily Cleaning** and **Weekly Cleaning** procedures in **Sections 5.1** and **5.2** of this Manual) to remove any remaining deliming agent residue from the components and interior of the machine.
- Inspect the interior for any remaining deliming agent residue. If residue is present, remove it using a soft cloth and hot water.
- Thoroughly flush the interior of the machine using warm water from a low-pressure hose or spray nozzle.

CAUTION

Never use a high-pressure water spray when cleaning the machine.

- Leave the doors of the machine open. Allow the interior of the machine, as well as the scrap screen, screw and perforated cylinder, to air dry thoroughly overnight.
- Reassemble all components into the waste pulper. Replace the cutting wheel access flap into its original position. Remember to close the drain valve before operating the machine!

CAUTION

Ensure that ALL residue of the deliming agent is removed. Residue from the agent can damage seals and plastic components inside the waste pulper.

6 TROUBLESHOOTING

If the waste pulper encounters a problem, check this Troubleshooting Guide. Some simple problems can be quickly resolved, allowing the dishwasher to be returned to operation faster than placing a service call.

Problem	Action
Machine will not turn on	• Check that the circuit breaker/fused disconnect is in the ON position. • Check that the EMERGENCY STOP button is pulled out. • If one of the safety switches was engaged (for instance, by opening an access door), the machine enters a safety lockout mode. To reset the machine, turn off the circuit breaker for two (2) minutes. Then, turn the circuit breaker to the ON position and restart the machine normally.
Machine does not fill, or feeding trough does not operate	• Check that the drain handle is in the closed position. • Check that the water supply is turned on. • Check the dirt trap(s) in the water inlet(s) and clean them if necessary. • Check the regulator valve for the external feeding trough (if so equipped). If the valve is completely closed, the machine will fill, but the trough will not operate.
Machine does not stop filling	• Check that the drain handle is in the closed position. • Check that the water level sensors are clean.
Machine runs, but no waste pulp exits the waste chute	• Check that the water separator tower screw and perforated cylinder are not blocked or plugged. Some waste, particularly waste with long fibers, can prevent the water separator system from working properly. Clean the screw and cylinder as described in Section 5.2, Weekly Cleaning.
Water exits the waste chute	• Check if large quantities of oil and grease are in the waste mix. These wastes can interfere with proper operation. Refer to Section 4.3, Loading, for guidelines on waste products that can be processed. • Check that the water separator tower screw and perforated cylinder are not blocked or plugged. Clean the screw and cylinder as described in Section 5.2, Weekly Cleaning. • Check the brushes along the edges of the water separator tower screw for wear. If the brushes are heavily worn they should be replaced. Contact your Meiko Authorized Service Agent.

Contact your Meiko Authorized Service Agent if you cannot correct the problem.

An Authorized Service Agency Listing was supplied with your waste pulper. If you do not have the listing, call 1-800-868-3840 for assistance, or visit Meiko's website at www.meiko.us.

If you need service...



Meiko waste pulpers are designed for solid reliability as much as for outstanding performance. With proper care, your waste pulper should provide years of trouble-free operation.

If service is necessary, contact your local Meiko Authorized Service Agent. With factory training, OEM parts and direct support from the factory, Meiko's nationwide service network is highly qualified to quickly restore your waste pulper to regular operation.

An Authorized Service Agency Listing is supplied with this Manual. If you do not have the listing, call 1-800-868-3840 for assistance.



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