

# M-iQ Flight-type Conveyor Warewasher - Operation and Cleaning

## Preparation

Check that the following components are in place:

- Prewash, wash, power rinse and final rinse arms
- M-Filter baskets
- Scrap screens
- Drain filters
- Curtains

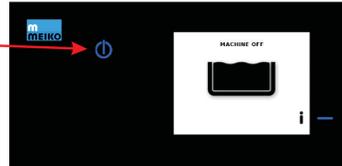
Check that the front doors are closed.

Check that the external shutoff valve(s) for the water supply (and steam, if so equipped) are open.

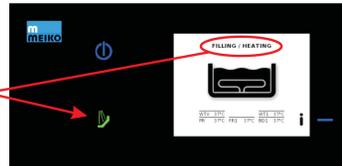
Check that the external circuit breaker/ disconnect is in the ON position.

## Startup

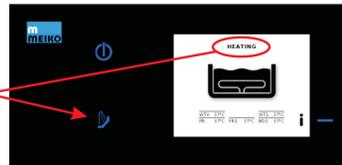
Press the blue ON/OFF button.



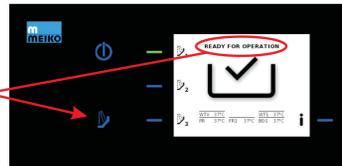
The RUN light will flash green, and the display will read FILLING/HEATING.



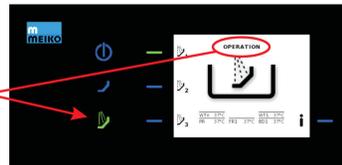
If the tanks finish filling before reaching operating temperature, the RUN light will turn blue and the display will read HEATING.



After the tanks have filled and heated, the RUN light will turn blue and the display will read READY FOR OPERATION.



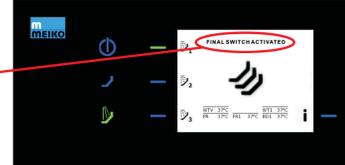
Press the RUN button to start the conveyor and pumps. The display will read OPERATION.



Load the conveyor. Machine operation is fully automatic and will continue unless the STOP button is pressed (see Idle Periods).

## End of Belt Switch

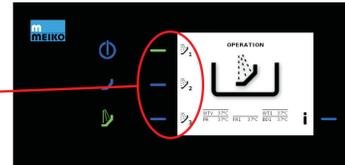
If ware reaches the end of the belt, the conveyor will stop, and the display will read FINAL SWITCH ACTIVATED.



When the ware is removed and the switch is disengaged, the conveyor will resume operation automatically.

## Changing the Conveyor Speed

The machine has three conveyor speeds. During operation, the current speed has its CONVEYOR SPEED light illuminated green.

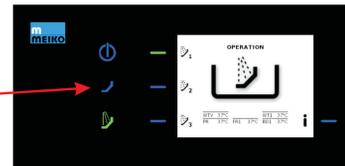


- Speed setting 1 is the standard (fast) setting and is recommended for normal soiling.
- Speed setting 2 is a medium speed setting for heavily soiled ware.
- Speed setting 3 is the slowest speed setting, and is intended for extremely heavy soiling.

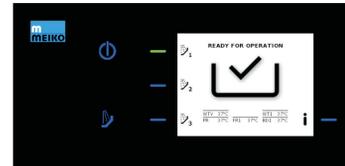
The conveyor speed setting can be changed as needed during operation by pressing the appropriate blue CONVEYOR SPEED button. It is not necessary to switch off the conveyor before changing the speed setting.

## Idle Periods

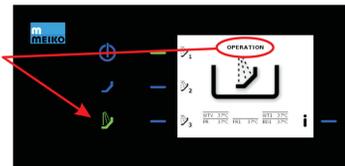
During idle periods, press the blue STOP button on the display, or one of the remote STOP buttons at either end of the conveyor.



During idle periods, wash tank temperatures are regulated for immediate recovery.



To set the machine back into operation, press the RUN button on the display, or one of the remote RUN buttons at either end of the conveyor.



## Emergency Stop

If it is necessary to IMMEDIATELY stop the operation of the machine for safety, press the EMERGENCY STOP button. This shuts off the conveyor, wash pumps and heaters.

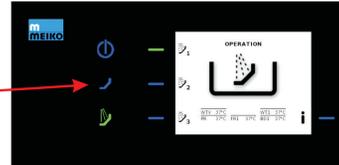
If the EMERGENCY STOP button is pressed, it must be reset before the machine can resume operation. To reset the button, pull it straight out. If the button will not pull out, turn it as you pull.



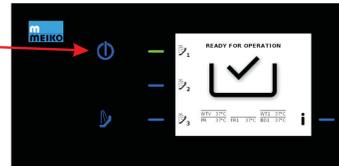
This switch is intended for emergency use only. For normal use, follow the instructions in Idle Periods and Shutdown.

## Shutdown

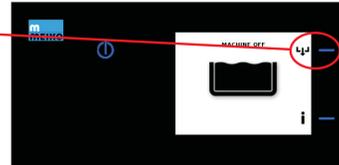
At the end of the shift, press the blue STOP button on the display, or one of the remote STOP buttons at either end of the conveyor.



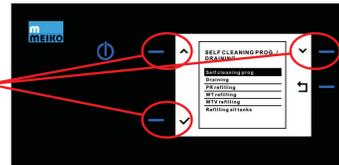
Next, press the ON/OFF button to shut down the machine.



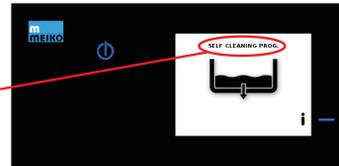
Then, press the DRAIN button.



Use the UP and DOWN arrows to select the "Self Cleaning Prog." option, then press the CHECK MARK button to confirm.



The "Self Cleaning" program rinses the machine interior to reduce the effort of manual cleaning. After this process, the machine will drain automatically.



M-iQ supports custom operating modes, including a conveyor jog, timer-controlled autofill, and individual daily and weekly programmed autofills. For information on custom operating modes, refer to your Owner's Operating Manual.

## Cleaning

Before cleaning, shut down the machine using the procedure in the Shutdown section. Allow the machine to fully drain before cleaning.

Components that are intended to be removed or handled during daily cleaning are marked in blue.

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

Remove any large pieces of soil from the floor of the loading section. Then, spray it with a spray hose. The remaining soil should be washed into the loading section sieve screen (at the lower front of the loading section).

If necessary, the lower front and end panels can be removed for easier access while spraying.



Remove the sieve screen and the rinsing trough from the loading section. Empty them of any debris, then clean them using a spray hose.



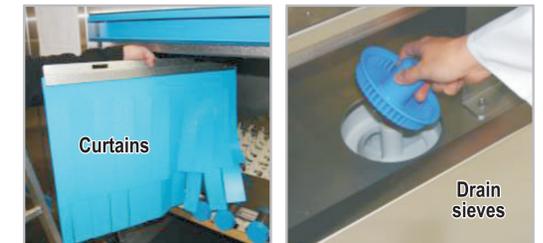
Open the access panel for the heat recovery system (above the entrance of the machine). Lightly spray down the opening with a spray hose.



Open the front doors. Then, spray the interior of the machine, including the curtains, so that soil accumulates on the scrap screens.



Remove the following components from inside the machine. Empty any soil or debris, then clean them thoroughly using a spray hose.



Remove the wash and final rinse arms.

Unscrew the wash arm end caps. Then, clean the wash arms and final rinse arms thoroughly in a sink. Be sure to flush any soil residue out of the arms. Use a nylon brush to remove any soil from the spray jets.

Replace the end caps onto the wash arms.



With the components out of the machine, thoroughly spray down the interior and tanks. Wipe any remaining soil residue out of the bottom of the tanks using a soft cloth.



Leave the doors open overnight to allow the interior of the machine to dry. Before setting the machine into operation again, check that all components are correctly reinstalled.

For comments or concerns, contact MEIKO toll-free at 1-800-868-3840.