

March 13, 2015

Product: WM-Nano Tabletop Wrapper

Issue: Film Feeding Errors

Contents: Corrective Actions



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Issue

When film feeding errors are encountered with the WM-Nano Tabletop Wrapper, many of these errors are caused by environmental or daily maintenance issues.

Procedure

NOTE- It is highly recommended that the Service Technician have access to the Ishida WM-Nano Setup Manual & Service Manual for any service calls.

Prior to making any mechanical adjustments, ensure the following-

1. The film being used is an approved film.

The approved films are-

Mitsubishi Diawrap

RLWS PN- 170110, Film, Wrap, Diawrap, 500mm

AEP Elite-L

RLWS PN- 132407- Film, Stretch 16 inch Elite-L, 5000 foot, WM-Nano Ishida 60RPP
AEP Part #-35131600

RLWS PN- 132408- Film, Stretch 20 inch Elite-L, 5000 foot, WM-Nano Ishida 60RPP
AEP Part #-35132000

** 18" and 22" length films are also available for use, must be AEP Elite-L **

Please contact Rice Lake Weighing Systems for further guidance on film acceptability.

2. The film is loaded and aligned correctly. Refer to the film loading procedures on the inside left cover of the wrapper for correct orientation.
 - a. Verify the front edge of the film (NOT the cardboard core) is flush with the roller that the film sets on. If the film roll tends to "walk" backward during operation, the wrapper level should be slightly adjusted down in front. Contact RLWS for further guidance.
 - b. Verify the film roll is not being bound by the White Film Roll Guides. There should be a minimum of 2mm / 1/8" gap between the rear edge of the cardboard core and the Film Roll Guide.
 - c. Further film loading/alignment instructions can be found in the Ishida WM-Nano Setup Manual, section 6.1- Film

3. The polished roller is clean and free of significant / excessive scratches or other damage.
 - a. Ensure it has been cleaned thoroughly with isopropyl alcohol. Use the 4mm T handle wrench to rotate the roller clockwise to ensure it is completely cleaned. Even if the end-user states they have cleaned it, clean it again. **Note**- The purpose of using isopropyl alcohol is to remove oil residues that build up over time on the polished roller. This residue, which often times is not visible, comes from the film, which is a petroleum-based product.
 - b. Using the 4mm T handle wrench, rotate the roller to thoroughly inspect for scratches and any film build-up.
4. There are no loose components (i.e., film arm assembly, Velcro arm, roller bar, etc. with loose or missing fasteners)
5. The temperature of the wrapper is sufficient for the operating environment
 - a. Feel the polished roller. Does it feel cool to the touch? If so, the film will not feed correctly. The roller must be warm, but not hot.
 - b. Make sure the wrapper has been turned on and been given sufficient time to warm. Depending on the temperature of the room, this could take up to 2 hours.
 - c. Refer to the Ishida WM-Nano Setup Manual, section 6.4- Film Temperature Check to ensure this is set correctly. The temperature setting is accessed through the Main Operating Screen (home page), Function key- "HEATER ADJUST"
6. The film detection sensors are operating correctly-
 - a. Check that the sensors are clean and free of any debris.
 - b. Refer to the Ishida WM-Nano Setup Manual, section 6.5- Film Detection Check
7. Verify all green belts are present, not crisscrossed and not damaged. Also ensure the belts are in the correct position relative to the clamps.
8. Verify there is no debris stuck along the film's path that would cause the film to jam.

If, after verifying all of the above points, the film is still not feeding correctly, then the following should be checked in the order listed-

1. Verify the film roll brake is adjusted properly. This brake adjustment should be verified with both a full and near empty film roll. **Note**- The "factory" adjustment is to back the brake off completely then turn the brake one full revolution.
2. Verify the film arm assembly is adjusted correctly (not too loose, not too tight). There should be slight to moderate resistance when pulling the film out of the film arm assembly.

Reference

Further information can be found at the following-

<https://www.ricelake.com/en-us/products/product-details/nano-table-top-wrapper#/information#resourcesDownloads>