

Ishida WM-Nano Tabletop Wrapper

Cleaning, Sanitizing and Inspecting Instruction

Use the following procedure to clean, sanitize and inspect the WM-Nano:



WARNING: Failure to heed may result in serious personal injury or death.

Always turn off and unplug machine before cleaning or servicing.

Never operate this machine without training and authorization from your supervisor.

Guards must be in place before plugging in and turning on machine.

Always keep your fingers, hands and clothing away from sharp or moving parts.

The sealing rollers operate at a high temperature. Touching them while hot may cause severe burns.



IMPORTANT: Failure to follow these instructions could result in injury, damage to the equipment, and/or void the warranty.

If cuts, scratches or other damage is visible, call for service as this will affect the print quality.

Supplies

- Clean warm water
- Isopropyl/rubbing alcohol or alcohol swabs/wipes
- Mineral oil
- Clean cotton towels



NOTE: A blue towel indicates the use of water or water-based cleaners. Towel should be damp without dripping.

A red towel indicates the use of isopropyl/rubbing alcohol.

- Optional: Mild degreaser or a non-chloride-based sanitizer



IMPORTANT: Do not use chloride-based cleaners.

Do not use any water-based cleaners on print heads or platen rollers.

Procedure

1. Enter Cleaning Mode from the main page, then press START.

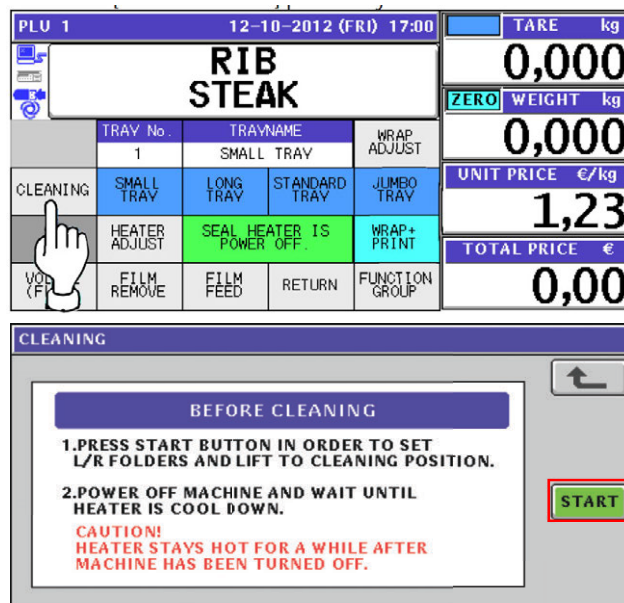


Figure 1.

2. Power OFF the wrapper.



Figure 2.

3. While still hot, clean the orange sealing roller.



WARNING: The sealing roller operates at a high temperature, touching it while hot may cause severe burns. Do not directly touch rollers or hold the towel in one place.



Figure 3.

4. Remove the stainless weigh platter.
5. Wipe or spray the platter clean.
6. Wipe dry then set aside.

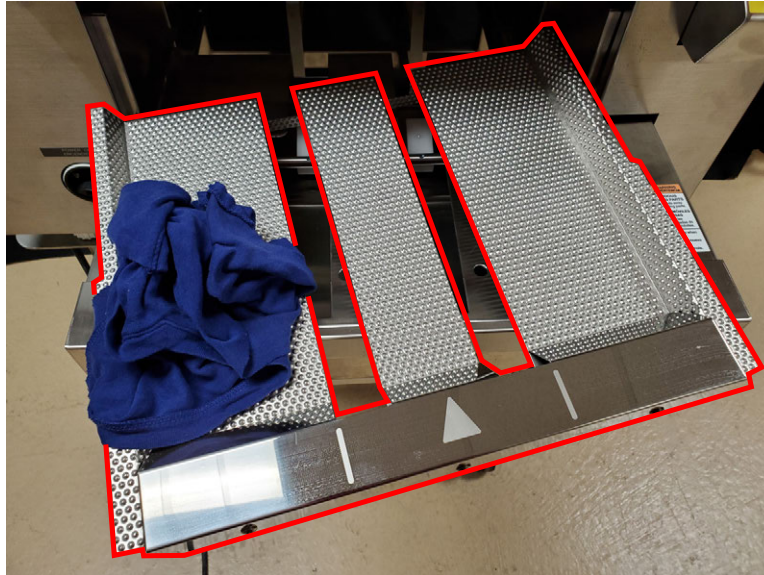


Figure 4.

7. Clean the screen and the keypad.

 **IMPORTANT:** If the keypads protective cover is damaged, call for service.



Figure 5.

8. Remove the cassette and set aside.
9. Clean any label dust from the cassette compartment.

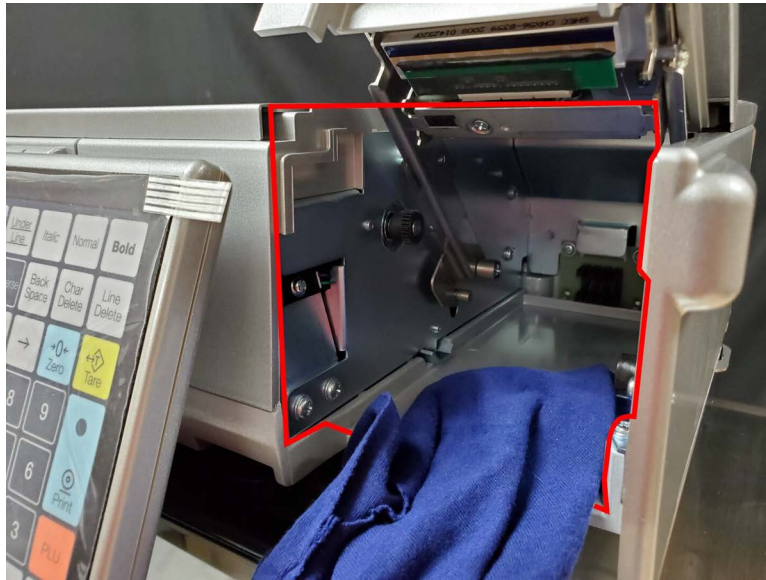


Figure 6.

10. Clean the print head as well as the left and right peel sensors with alcohol.

 **IMPORTANT:** If cuts, scratches or other damage is visible, call for service as this will affect the print quality.

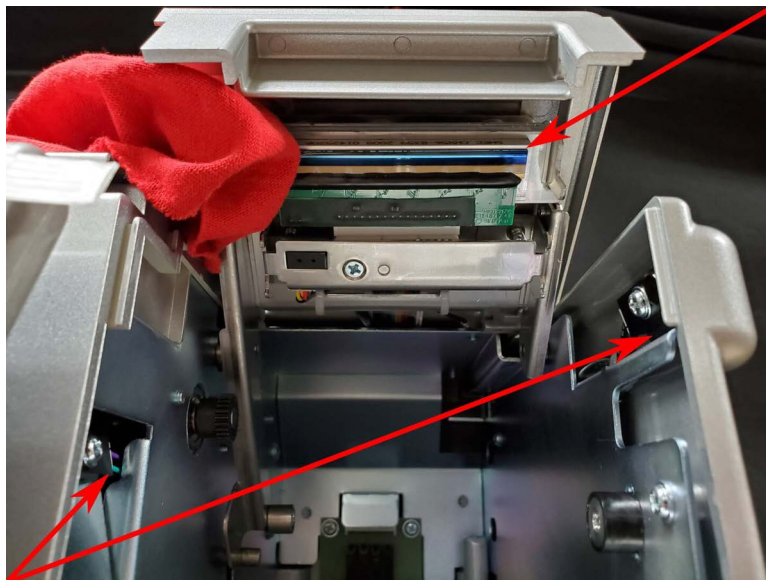


Figure 7.

- 11. Remove the labels and any backing paper from the cassette that was removed in [Step 8 on page 4](#).
- 12. Clean any label dust from the cassette.

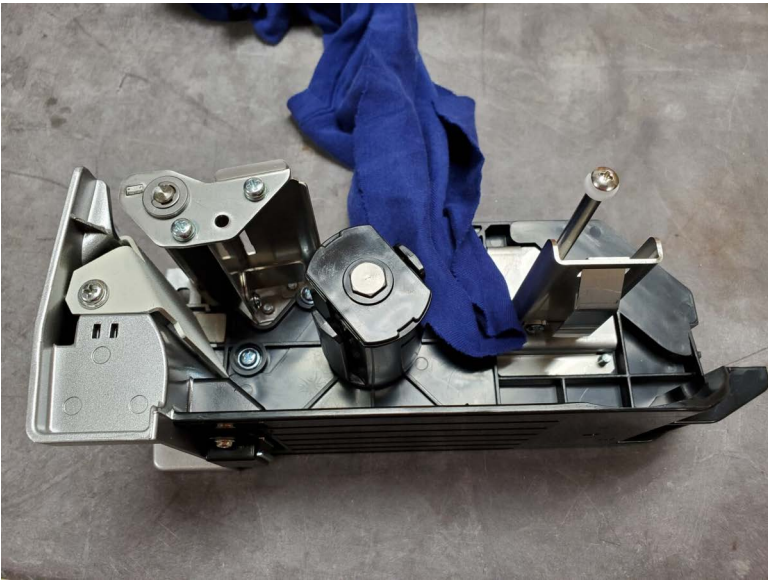


Figure 8.

- 13. Clean the black platen roller with alcohol.

! **IMPORTANT:** *If cuts, splits or other damage is visible, call for service as this will affect the print quality.*

- 14. Clean the gap prism with alcohol.
- 15. Load labels then return the cassette to the printer.

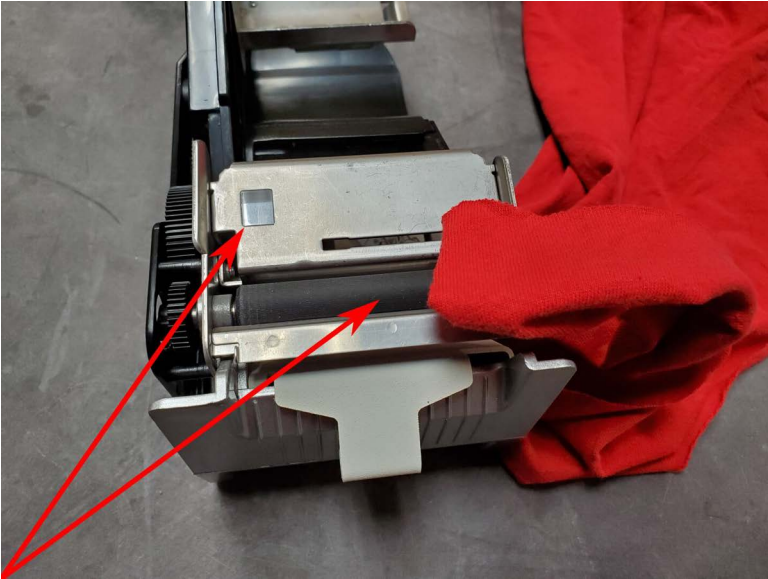


Figure 9.

16. Remove the film roll.
17. Clean any debris from the film roll area.

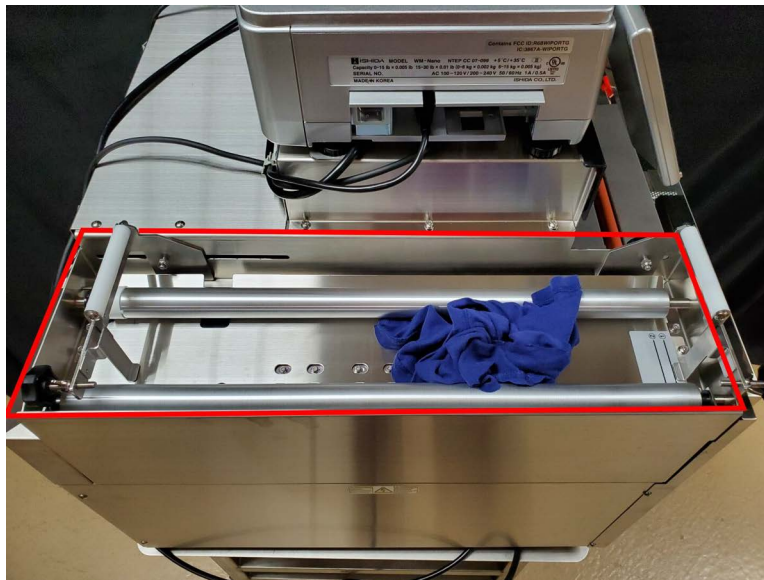


Figure 10.

18. Wipe down the entire exterior of the machine, removing residue from all stainless panels.

➔ **WEEKLY CLEANING:** Apply a small amount of mineral oil to a clean and dry cotton towel, then wipe/buff all exterior panels.



IMPORTANT: There should be no noticeable oil residue on the panels. Overuse of mineral oil can contaminate internal components.



Figure 11.

- 19. Open the door on the left side.
- 20. Clean the chrome roller with alcohol while rotating with the Allen key.

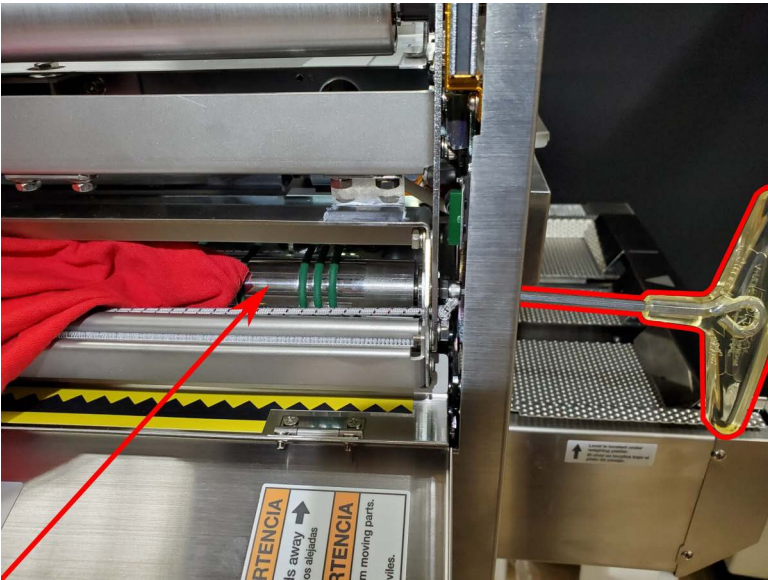


Figure 12.

! **IMPORTANT:** While rotating, note the position of the green belts. They should be inline and not crossed. Call for service if the green belts appear crossed or damaged.

- 21. Remove any film debris.

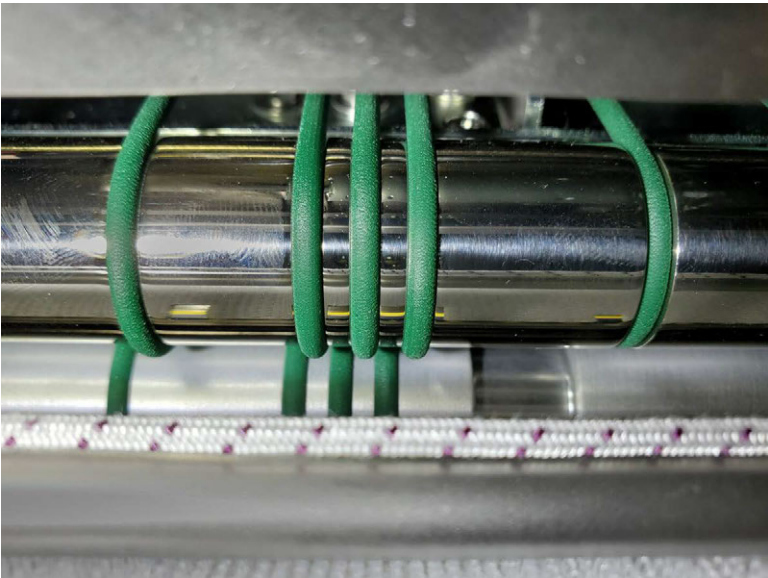


Figure 13.

22. Open the door on the right side.
23. Remove any film debris.
24. Confirm both sensors are not blocked and the flags move freely.

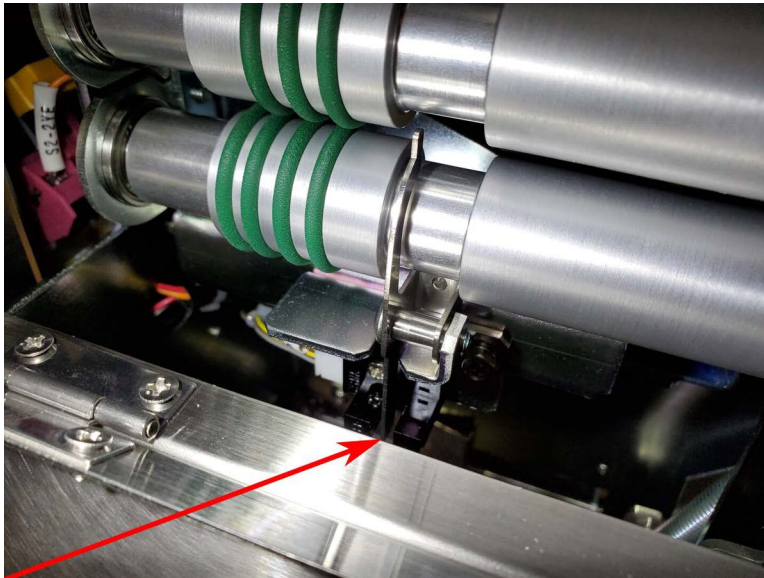


Figure 14.

25. Clean the tray press arm.
26. Confirm the four outfeed sensors are clean and unobstructed.



NOTE: Two sensors are located on each side.



Figure 15.

- 27. Wipe the package lift heads clean.
- 28. Remove any food debris from between the lift heads, wipe down the base plate.

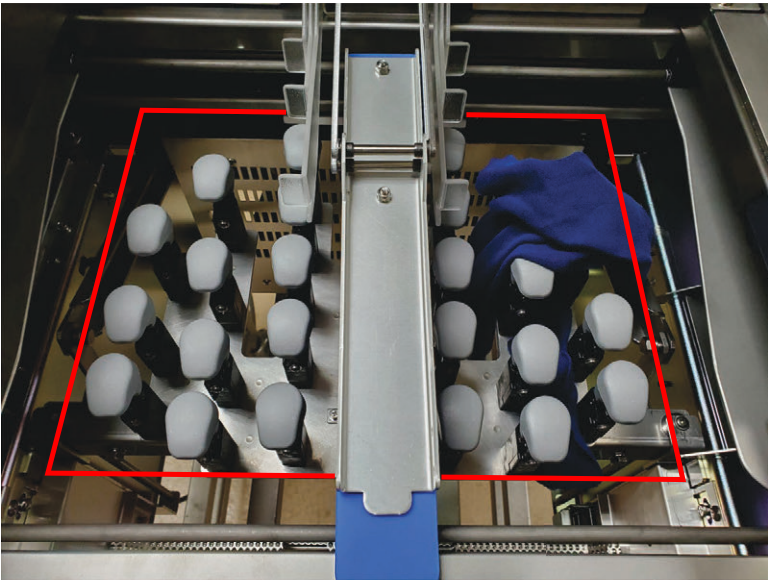


Figure 16.

➔ **WEEKLY CLEANING:** Remove and clean the package lift heads.

⚠ **IMPORTANT:** Do not submerge or spray the lift assemblies.

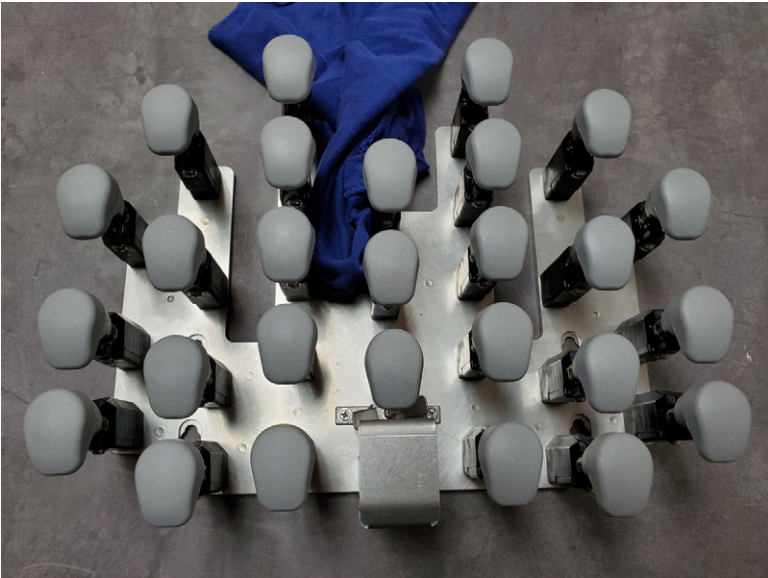


Figure 17.

- **WEEKLY CLEANING:** While the package lift heads are out, clean any debris from the package lift plate, particularly under the cross-head screws.

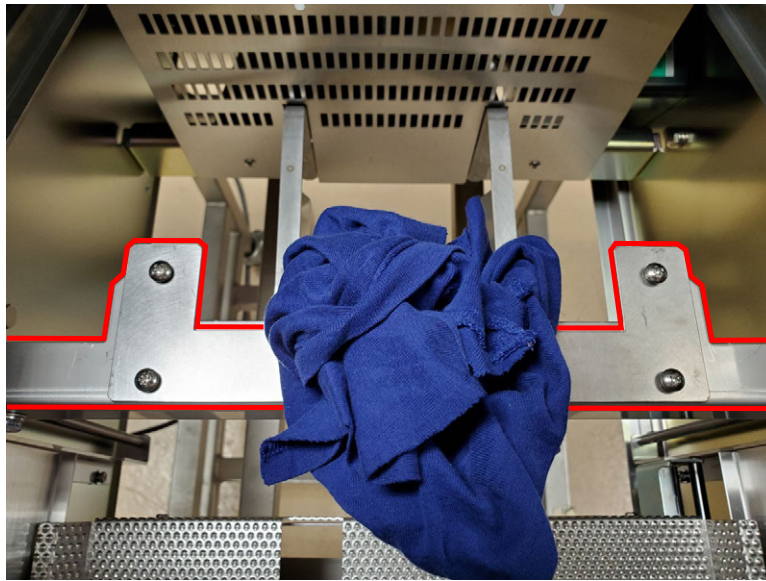


Figure 18.

29. Wipe down both side folders to remove all film residue and food debris.



Figure 19.

- 30. Pull the rear folder forward and wipe clean to remove all film residue and food debris.
- 31. Move all folders back to their original position.
- 32. Return both package lift assemblies if they were removed for weekly cleaning (see [Figure 18 on page 10](#)).



Figure 20.

- 33. Wipe clean all stainless infeed panels.
- 34. Confirm both infeed sensors are clean and not obstructed.

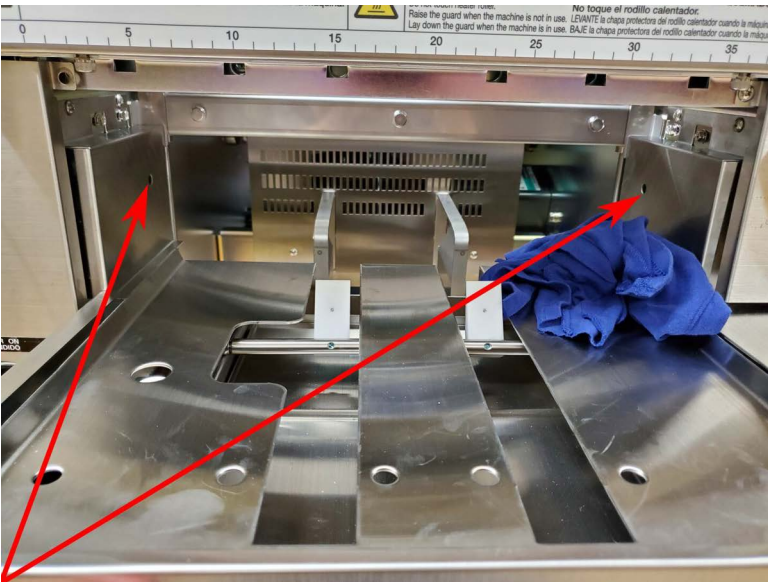


Figure 21.

35. Wipe infeed clean.
36. Remove the catch tray and clean.
37. Return the catch tray.
38. Replace the weight platter.



Figure 22.

39. Cover the wrapper.
40. Spray clean the room.
41. Once spraying has ended and the steam has dissipated from the room, uncover the wrapper.



IMPORTANT: Never leave uncovered while spraying.

Do not spray near the wrapper, instead, utilize the squeegee to move water and debris from underneath the wrapper.

42. Once spraying has ended and the steam has dissipated from the room, uncover the wrapper.



IMPORTANT: Never leave covered overnight.



Figure 23.

43. Power ON the wrapper.

! **IMPORTANT:** Never leave powered off overnight.

44. Press EXEC to cycle the machine.

45. Load film, then feed and remove two sheets.



Figure 24.

46. Wipe down the side walls of the package area, as well as the vent rear panel.

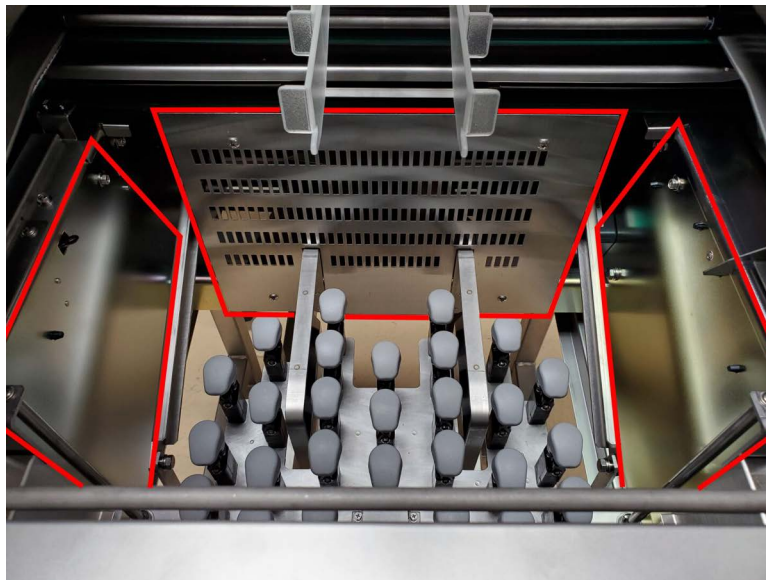


Figure 25.

47. Print and remove three labels. This will allow alignment of the labels with the print head.


 **IMPORTANT:** If print quality appears degraded despite proper cleaning of the print head, call for service.



Figure 26.



© Rice Lake Weighing Systems Content subject to change without notice.

230 W. Coleman St. • Rice Lake, WI 54868 • USA
U.S. 800-472-6703 • Canada/Mexico 800-321-6703 • International 715-234-9171 • Europe +31 (0)26 472 1319