

March 29, 2017

Product: Ishida WM-Ai Automatic Wrapper

Issue: Moving the WM-Ai through Narrow Doorways

Contents: Removal of the Conveyors



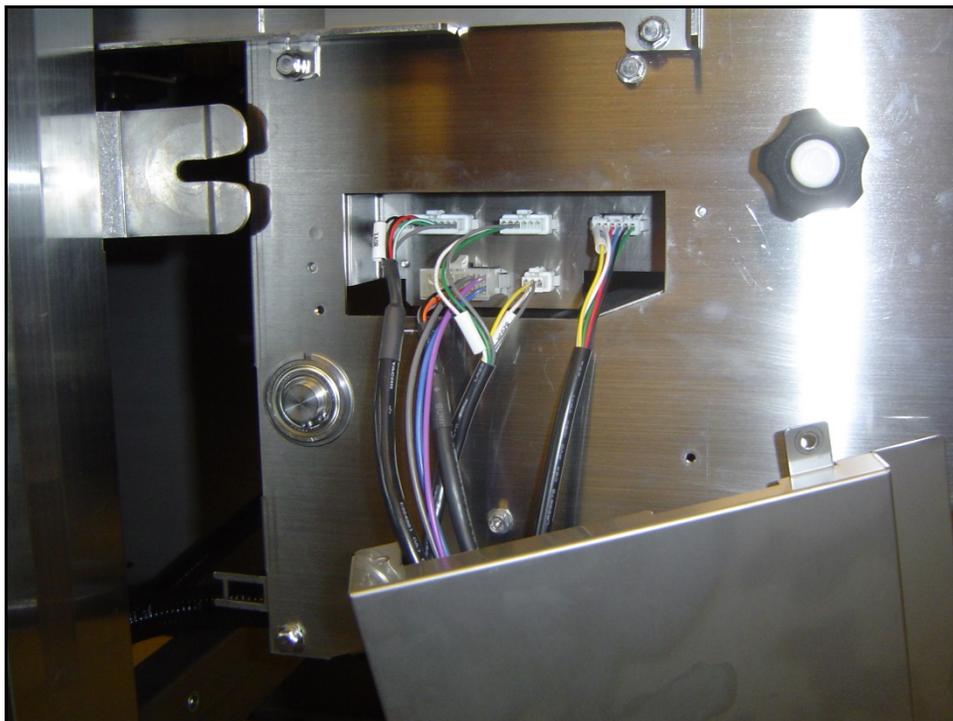
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Issue

The minimum width of the standard WM-Ai automatic wrapper is 48 inches. By removing the infeed and discharge conveyors the size can be reduced to less than 36 inches to fit through a standard 3-foot wide doorways. The steps to remove and reinstall the conveyors are listed below.

Removal

1. Power off the WM-Ai wrapper.
2. Loosen the two knobs securing the infeed conveyor and slide it forward.
3. Remove the left side connector cover and disconnect the five cables. [See Figure 1.](#)



[Figure 1. Connectors Located on the Left Side of the Infeed Conveyor](#)

- Remove the left and right side 5mm socket head stopper bolts holding the infeed conveyor in place. See Figure 2.



Figure 2. Socket Head Stopper Bolt – Right Side

- Carefully pull the infeed conveyor forward and off the wrapper.

Caution:

- The infeed conveyor is heavy and awkward to handle. Two people should remove it.
- Do not drop or place objects on the infeed conveyor. It contains the scale and other components that can be damaged.

- Remove the front discharge conveyor cover (two 7mm bolts). See Figure 3.

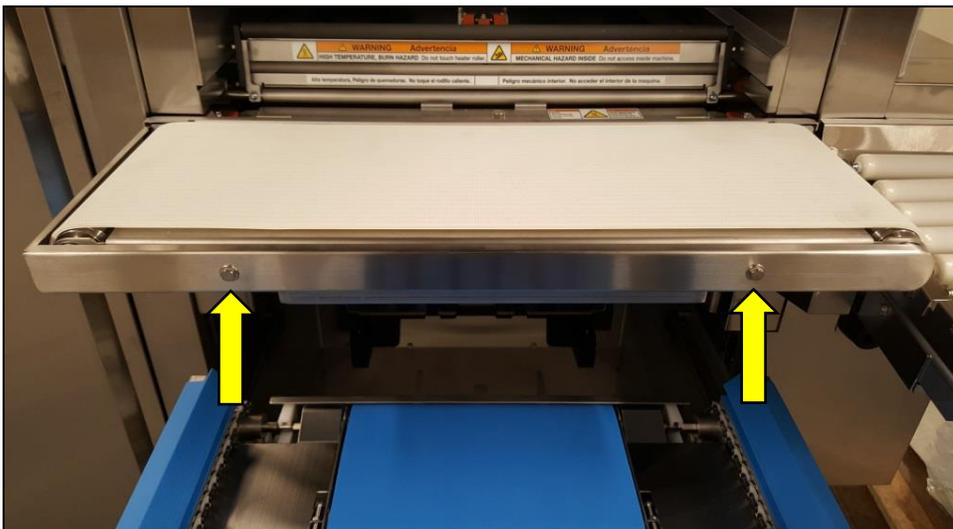


Figure 3. Front Discharge Conveyor Cover

7. Remove the lower discharge conveyor cover (two 7mm bolts). See Figure 4.

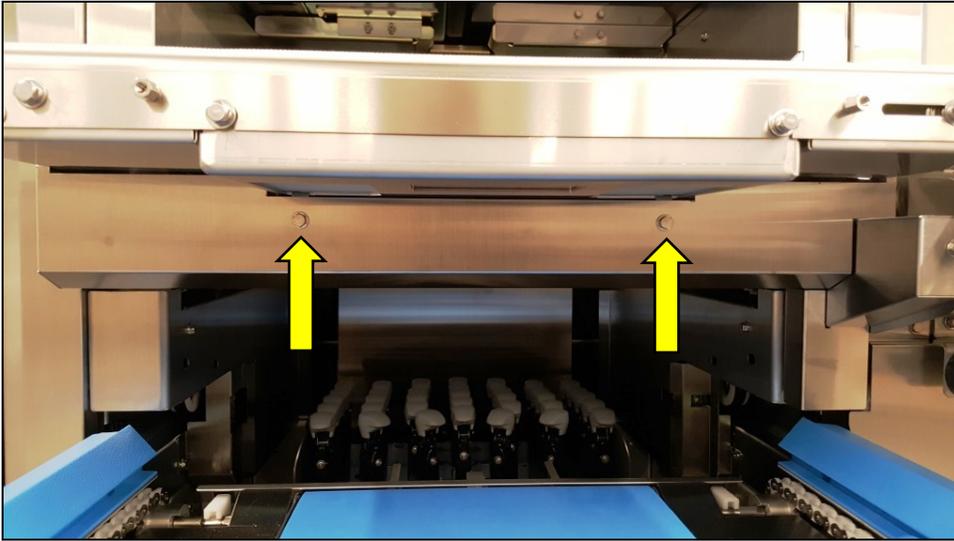


Figure 4. Lower Discharge Conveyor Cover

8. Loosen four 8mm bolts and slide the white exit conveyor assembly up and off the wrapper. See Figure 5.

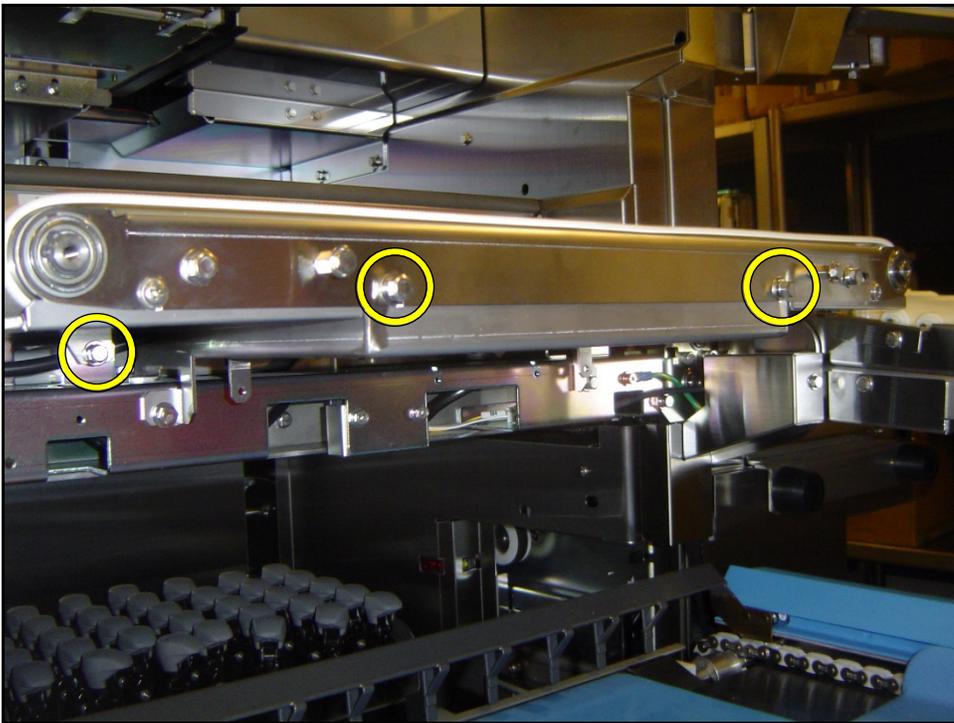


Figure 5. Exit Conveyor Mounting Bolts

9. Disconnect four external cables from the camera board P-1107A: XJ9, XJ10, XJ11, and XJ14. See Figure 6.

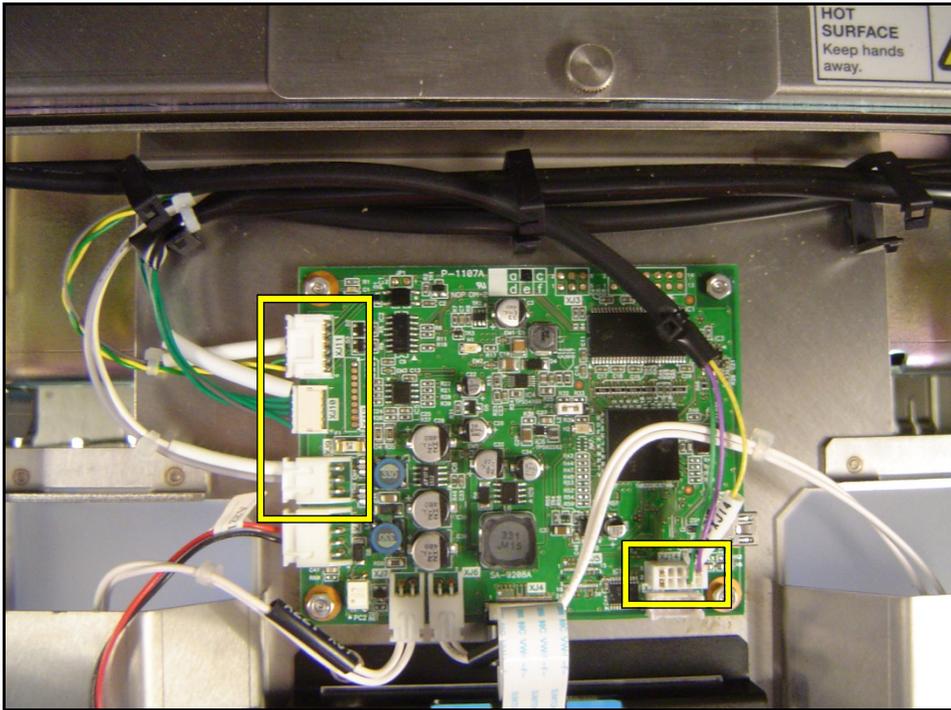


Figure 6. Camera Board P-1107A

10. Loosen the two lower 8mm bolts and remove the two upper 8mm bolts. Then slide the camera housing up and off. See Figure 7.



Figure 7. Camera Housing Mounting Bolts

Reattachment

1. Mount the camera housing and reattach four cables to the P-1107A camera board.
2. Mount the white exit conveyor assembly and covers.
3. Carefully insert the infeed conveyor onto the rails.
4. Install the two socket head stopper bolts to secure the infeed conveyor.
5. Reconnect the five cables on the left side of the infeed conveyor and mount the cover.
6. Push the infeed conveyor into position and tighten the two side knobs.
7. Power up the WM-Ai wrapper and verify normal operation.
8. Recalibrate the tray detection camera and redetect the trays if necessary.



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