

Quick Start Guide For Uniprint121EB Models

Print-and-Apply Labeler | Brand New From Factory

Scope

This procedure applies to **brand-new machines straight out of the box**. Not repairs, not refurbished units.

For further troubleshooting and documentation please see our [UPS Support Site](#).

1. Physical Setup

1. Remove packaging

- Remove all shipping materials and restraints.
- Mount and secure machine to frame
- Verify nothing is obstructing the arm, peel bar, or print engine.

2. Connect required cables

- Umbilical
- Ethernet
- Air line

3. Power on the machine

- Turn on the main power.
 - Make sure the printer is on.
 - Verify system boots normally.
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2. Profile Selection

1. Verify label type

- Confirm the label stock being used (thick vs smart).

2. Select the correct profile

- Choose the profile that matches the label type.
[This process is documented here.](#)
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3. Load Labels Into Print Engine

1. **Swing open the applicator arm.**
 2. **Open the printer head.**
 - Do not close the applicator arm yet.
 3. **Load label roll**
 - Install label roll correctly on the feed reel.
 - Feed labels through the print engine following the correct path.
 - Close the printer head, the takeup motor should run to confirm you are doing this correct.
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4. Verify Print Engine Operation (Head Open)

1. **Manually feeds the labels for single label test**
 - Feed labels with the applicator arm still open.
 - Observe label travel through the print engine.
2. **What you are checking**
 - Tracking
 - Feed consistency
 - Peel behavior
3. **Acceptable behavior**
 - Clean break at the peel bar
 - No label offset
 - No “tongue” hanging over the peel bar
 - No sideways drift or skew

If further help is needed, please select the correct Operators Manual at the end of this document.

5. Close Applicator Arm and Verify Label Presentation

1. **Close the applicator arm**
2. **Feed labels onto the head**
 - Observe label path as it transitions from:
Print engine → Applicator head
3. **What you are checking**
 - Label height relative to the head
 - Entry angle onto the arm
4. **Common failure modes**
 - Too low: label hits head and crinkles

- Too high: second label overlaps and pulls back
- Misaligned: inconsistent stacking

[For adjustment of the actuator arm click here.](#)

6. Verify Extension and Stacking

1. **Enter feed / maintenance mode (if required)**
 - Extend applicator to observe behavior.
2. **Check stacking position**
 - Labels should stack cleanly.
 - No curling, bunching, or pullback.
3. **Arm adjustment**
 - On a brand-new unit, arm height should already be correct.
 - Adjust only if clearly necessary.

[For adjustment of the actuator arm click here.](#)

7. Apply Test Packages

1. **Test with no package**
 - Verify extension and application behavior.
2. **Test with small package**
 - Confirm placement accuracy.
3. **Test with large package**
 - Confirm consistent placement.

Acceptance criteria

- Labels hit target locations.
 - No misfeeds.
 - No tracking errors.
 - Consistent application cycle.
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8. Ready for Production

The machine is considered **ready to run** when:

- Correct profile is selected
 - Print engine feeds cleanly
 - Label breaks cleanly at peel bar
 - Labels feed correctly onto the head
 - Applicator extends properly
 - Labels apply accurately to packages
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Technician Quick Checklist (Condensed)

- ☐ Umbilical, Air and Ethernet (with the correct IP address) are connected.
 - ☐ Correct profile selected
 - ☐ Labels loaded correctly
 - ☐ Print engine feeds clean (head open)
 - ☐ No tracking or peel issues
 - ☐ Head closed, feed onto applicator verified
 - ☐ Extension and stacking verified
 - ☐ Small + large package tests passed
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Links to Operation Manuals:

[UniPrint121EB SSLAW/SSHSLA 1.0 Operator Manual](#)

[UniPrint121EB SSLAW 2.0 Operator Manual](#)

[UniPrint121EB SSHSLA 2.0 Operator Manual](#)

[UniPrint121EB ALA 1.0 Operator Manual](#)

[UniPrint121EB ALA 2.0 Operator Manual](#)