

Customer Requirements Drive the Need for Automation.

AUTOMATION SPOTLIGHT - LABEL INSPECTION

THE ISSUE

X Packaging - a major player in the blow-molded bottle industry - has been supplying their largest customer with labelled detergent bottles to be filled and eventually sold at a major box store. Multiple times over a 6-month time period, the box refused shipments because of poor label quality.

STANDARD RESPONSES ARE UNPRODUCTIVE

In response to their key customer complaints, X Packaging required 2 people per shift - one on each side of the line - to inspect both the front and back labels as the bottles pushed down the line. In total, they hired 4 people to ensure 24/7 production.

Right out of gate, the hiring plan showed its weaknesses. The line was shutdown multiple times due to one or more of the inspectors not showing up to work. When the workers were manually inspecting products, they were catching big flaws on the bottles but missing small issues such as wrinkles, tears, and blisters obscuring important information on the labels. Complaints and returned shipments kept coming, it became clear - **More Labor was NOT the Answer.**

AUTOMATION RESOLVES THE PROBLEM

The plant manager reached out to Michael H. at kmV to discuss the challenges they faced and invited him to come to the plant to watch their process in action (**Applied Automation audit**). Through the Applied Automation Audit, X Packaging leaders and kmV found that kmV's iSight 20/20 Label Inspector+ system fit their needs perfectly. The turnkey vision solution would easily inspect the front and rear labels. With kmV's **Smart A.I. Tools**, not only was the plant able to spot gross label placement issues, they were able to identify wrinkles, bubbles, and tears on the labels that human inspectors would never be able to spot.

kmV Offers Real Impacts on Real Business.



Issues

- Refused shipments because of poor product labeling.
- Labor Shortages

Solution

- Applied Automation Audit
- kmV's iSight 20/20 Label Inspector+

Business Results

- 100% Product Inspection
- Elimination of Label and Spout Errors
- ROI in 6 Months (4 positions)
- Ordered standard kmV Solution to solve issue

Authorized distributor:

