

Folding Carton

RESULTS Report

Carton Company Eliminates Customer Complaints from Carton Windows with Valco Melton WindowChek

A Carton Company Struggles with Multiple Complaints Per Week

Nearly every production order that included carton windows would ship with out-of-specification windows, leading to customer complaints such as window skew, wrinkles, dogears, and even missing windows. The company urgently needed a solution to address all these issues.

Valco Melton WindowChek System Detects Issues that Standard Sensors Can't

Sensors could only detect missing windows, but Carton Company needed a more advanced detection system to address their quality issues.

After installing Valco Melton's WindowChek system on the Heiber+Schröder window machine and the Bobst EXPERTFOLD with GenieCut, they significantly reduced defective products from shipping to customers.

Customer Complaints per Month



PROJECT PAYBACK LESS THAN 1 YEAR

- Focus on using the latest camera and software technology to detect issues
- Operators now rely on cameras to run the machine
- Carton Company's customers have praised their improved quality



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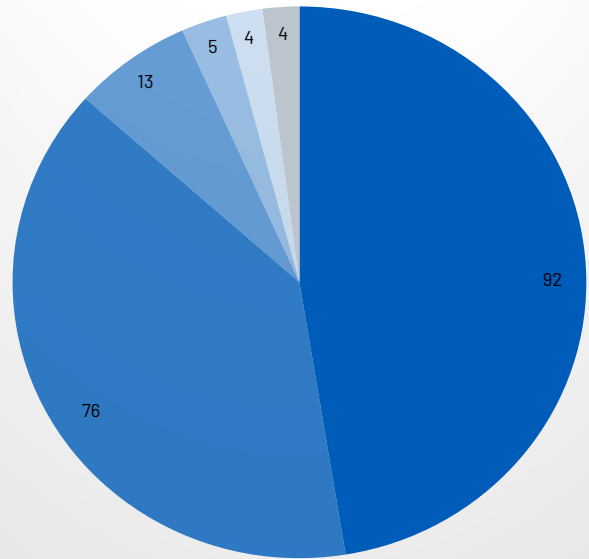
RESULTS Report

WindowChek Demonstrates Power of Camera Technology

Defect Type	Cameras	Sensors
Window Present	✓	✓
Window Position	✓	~
Window Tolerance	✓	✗
Window Skew	✓	~
Wrinkles	✓	✗
Folded Corner	✓	~
Glue Present	✓	✗
Glue Position	✓	✗
Glue Tolerance	✓	✗

WindowChek Order Statistics

✓ 54059 (99.61%)
 ✗ 199 (0.37%)
 ? 12 (0.02%)



- Glue outside window error..... (46.23%)
- Glue height error..... (38.19%)
- Window position Y error..... (6.53%)
- Window not detected error..... (2.51%)
- Glue Y position error..... (2.01%)
- Window height error..... (2.01%)

