

Transforming the quality control process

The BOBST **Digital Inspection Table Folding Carton 106** enables a leap forward to our vision of zero fault packaging. As well as cutting costs, makeready time and waste, its accuracy helps to eliminate expensive, reputation-damaging recalls.

You benefit from a fully digital and paperless quality control process with instantly projected digital overlays, 3x 4k projectors providing incredible resolution and pixel density (up to 6 pixels per mm). Data is automatically captured and shared at every stage, and production improvements delivered through data driven insights.

Operators are empowered to work smarter and faster, with productivity boosted by a reduction in makeready times and errors. Quality processes across Printing, Cut to Print, Creasing, Patching, Hot Foil Stamping, Braille and Embossing and Quality Reporting are all improved. It seamlessly integrates with HMI/SPHERE, allowing operators to directly control and adjust machine parameters.

This game-changing solution delivers enhanced productivity and sustainability, continuous improvement, and customer confidence, with reliability, accuracy and efficiency.

Features

- 1,300 x 790 mm maximum sheet size
- 3x 4k Projectors (up to 6 pixels per mm)
- 20MP photographic Quality Records of all checks
- Three lighting modes:
 - 2x Calibrated D50 5,000 Kelvin LED tube lights
 - Bright backlight to check die-cut sample gaps and illuminate defects
 - Braille and embossing light bar (optional)
- Integrates seamlessly with HMI/SPHERE (optional)
- Support for a growing list of 3rd party integrations
- Automatic data capture and reporting, ready to be shared



Benefits



Improving profitability and productivity

- Reducing expensive recalls and reruns
- Cutting makeready time
- Data driven and continuous production improvements and quality



Digital Quality Control

- Fast, accurate, predictable and reliable quality
- Impactful, data driven insights drive improvements
- Optimize manual processes with digital workflows
- Significant savings, reducing costs and increasing sustainability



Customer confidence

- Deliver consistent high-quality
- A step closer to delivering Zero Fault Packaging to your customers
- Maximize relationships with new and existing clients

Specifications

Machine Dimensions: (W x H x D):
2,220 x 2,650 x 1,000 mm / 88 x 105 x 40 in

Minimum Access: +550 mm / +22 in
(right side and front)

Approximate Weight: (est. 850 kg)

Network: 1x Wired Ethernet (CAD File Access on Customer Network and Internet for Remote Support)

Additional power and network are required for integration of customer PC (e.g. spectrometer)

If the BOBST Sphere Machine HMI integration is selected, then an additional power and etherCAT cable capable of reaching the HFS/die-cutter will be provided

Installation requirements (typical): 2 days for 1-2 BOBST Field Service Technicians and 1 customer technical representative for set up & training