

JETVision

Increase job integrity and quality with industry-leading vision technologies

Errors in the production process can seem almost endless. From duplicate pieces, to items with missing information or poor quality, there are many challenges that can cost hundreds of thousands of dollars in wasted time, materials and potential penalties from missed deadlines. While manual quality checks can help alleviate this problem, they are time consuming and subject to error.

You need technology that will quickly confirm that items are error-free and meet postal and regulatory requirements. BÖWE Group's JETVision® systems provide the most comprehensive selection of machine vision modules ranging from simple operations to very complex integrity and quality-control systems. These modules use superior symbol recognition technology to read one- and two-dimensional barcodes, as well as image patterns and font-independent OCR symbologies. JETVision can also test mailpieces to ensure that they comply with the latest USPS® requirements. In addition, JETVision operations can share data and job information with other ADF management systems such as BÖWE Group's BÖWE One® software suite.

Flexible configurations

The JETVision product family has been designed with many flexible configurations to meet a variety of budgets and application needs.

JETVision Express has a universal mounting kit. The kit includes



JETVision Express

standard mounting brackets for easy installation on new, legacy and 3rd party systems

The JETVision Platinum system is designed with an envelope transport for letters, 6" x 9" and flats envelopes. It can also be used on legacy or third-party systems, for reading at the back-end of an inserter, or in a manual operations department.

New versions of the JETVision family are always under development to meet the industry's changing application needs.



JETVision Platinum

Implementation

JETVision is compatible with:

- System and non-system inserters (both BÖWE Group and other vendors' inserters)
- Folders
- Collators
- Inkjet systems
- Labelers
- Binding equipment
- Cutters
- Bursters, and more

JETVision operations

JETVision can be configured with one or many operations:

Verification package

- **Ensure an address has not been masked**—The Address Verify operation confirms that all mailpieces have a visible address, eliminating the mailing of non-addressed documents
- **Identify out-of-sequence jobs**—The Sequence Verify operation alerts an operator that a job is out of sequence, enabling the operator to locate items that are missing, out of order or incorrectly assembled
- **Confirm that items use the correct base material stock**—The Format Verify operation alerts the operator if the materials used do not match the defined stock for a job, preventing work from having to be redone or a customer from receiving wrong information

Postal package

- **Identify mailing breaks by applying visible marks to mailpieces**—The system reads a pre-printed symbol on an envelope and then activates an envelope marker to mark the outside of an envelope with the Postal Break operation. This mark can indicate a postal code break or represent a break in material that requires special handling by the operator
- **Verify a meter mark or stamp has been applied to your envelope**—Using the Indicia Verify operation, the system can verify the presence or absence of meter imprints
- **Verify postal barcodes, including Intelligent Mail® barcodes (IMB)**—Postal Verification can ensure that the piece will satisfy postal quality standards

Printer Control package

- **Print a personalized message**—Using information read on the control item, the Read and Print operation provides the interface to many different printer modules like Printegrity™, Scitex, Buskro and others

Database package

- **Eliminate all control marks and provide machine control**—The Database Sequence operation, in conjunction with Database Indexing, allows unique information to be read from an item and uses the information to automatically retrieve instructions from a database on how to process each item

Matching package

- **Read and match multiple pieces of information to verify every item is assembled with full integrity**—As data is read at the primary position, the Matching operation uses it to compare and validate that multiple pieces of data read on a single item or information read in multiple locations matches. If the match is not valid, the system is instructed to fault and stop for the operator to take corrective action, or the item can be diverted later in the process with a complete audit trail

Image Output package

- **Generate images or all, or select, items**—The Image Output operation automatically generates compressed images for easy search and retrieval

Additional operations

- **Validate the number of pages and inserts in a closed envelope**—The Content Verify module ensures the accuracy of every finished mailpiece by detecting

the number of enclosed materials by using zero impact sensing technology. Content Verify can handle dynamic or fixed page counts, including the addition of targeted marketing inserts

- **Ensure every mailpiece is properly sealed**—Envelope Seal Detection can inspect final mail piece assembly for improper envelope sealing – resulting in higher integrity and quality control of confidential account information. The Envelope Seal Detection module works with a wide range of envelope sizes and types, and is designed to detect even partial seals



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