

## Model 124 – Ream Inspection/Rejection



### Precise, accurate inspection of wrapped reams and automatic, in-line rejection of defective reams

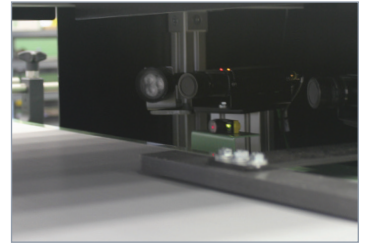
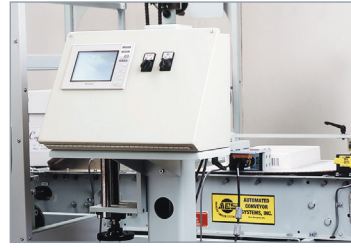
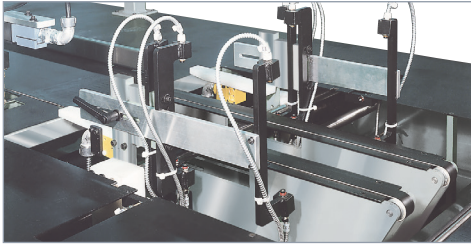
The Model 124 protects your product quality: eight pairs of fiber optic eyes scan every ream edge-to-edge for loose or trailing labels, loose or improper wrap, or out-of-package sheets. Defective reams are automatically rejected in-line and diverted to a storage conveyor before they get into the case. Options include a laser end fold system.

- Precise inspection of all reams with electric eye technology
- Up to 150 reams per minute can be scanned
- Defective reams are automatically rejected in-line and diverted to a storage conveyor
- Simple machine operation including handwheel adjustment for ream length
- Touch screen interface
- Single speed drive motor and programmable logic controller
- Options include vision system, missed label detection & laser end fold system

#### Ideal for...

- All converters of standard paper ream sizes

## Model 124 – Ream Inspection/Rejection



### Inspection ensures product quality

#### Precise inspection of up to 150 reams per minute

The Model 124 ream inspector ensures consistent ream quality. It inspects each ream, before they get into the case, for possible defects like loose flaps, open girth seal, pulled out tuck, trailing labels or out-of-package sheets. In case a defective ream is detected, it will be automatically rejected in-line and diverted to a storage conveyor.

#### Simple operation with touch screen interface

A touch screen simplifies machine operation. The Model 124 is a self-contained machine with PLC. Its open design allows for complete access and easy maintenance. The operator will be warned once the reject conveyor is full.

#### Option: Missed label detection system

The optional infrared missed label detection system inspects for presence of hot melt labels.

#### Option: Label vision system

An optional vision system inspects for presence and correct placement of a label. The stand alone system requires no special software and is easy to set up. Tolerances are adjustable.

#### Option: Laser end fold system

Two laser units inspect all or part of each wrapped-ream end-fold, providing an additional inspection for optimal ream quality. The stand-alone unit with dedicated PLC is added upstream of Model 124 and offers a visual determination of poor quality or faulted reams based on ream-fold angles, double folds, and other wrapping qualities. Non-conforming reams will trigger rejection on the Model 124 ream rejector.

Various wrapping materials and ream sizes can be handled by the system - including quick order changeovers in less than 5 minutes. A touch screen system for operator control, setup and adjustment of inspection tolerance levels greatly facilitates operation.

### Technical Data

Package size range	10" - 20.5" / 254 - 520 mm (length) 7" - 14" / 178 - 360 mm (width) 0.75" - 5" / 19 - 127 mm (height)
Production speed	up to 150 reams/minute

### Options

- Missed label detection
- Label "vision" system
- Laser end fold system

### System solutions for ream inspection/rejection Model 124

This reliable ream inspector/rejector can be part of a complete sheeting and packaging line, it is easily combined inline with

- Various WillPemcoBielomatik cut-size (e.g. SLK Procut) or digital-size (e.g. SHM Dicut) sheeter models
- Further WillPemcoBielomatik packaging machines
  - Ream wrapper
  - Ream stacker/accumulator
  - Case packer/lidder

**WillPemcoBielomatik (evolved from the renowned brands E.C.H. Will and Pemco as well as the paper processing product line of Bielomatik) stands for leading integrated technology for paper and board mills and paper and stationery converters.**