

Quality Assurance System

DOUBLE FEEDS

The doubles station uses an ultrasonic sensor to reliably detect for double thickness as the product passes through it. This device is non-contact and easy to set-up. In the case of a double feed, the system can be programmed to shut down the sealer or reject the double at the delivery section.

GAP PRO™

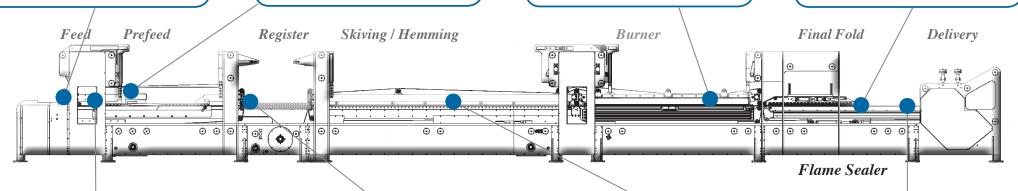
GapPro measures the gap or space between each carton. An alarm will sound if the cartons are too close or too far apart.

HEM OUT

This station detects if the hem is out of position after the hem has been folded.

BARCODE

This station monitors every carton for mixed product prevention. The most common sensor device is a 1D barcode scanner. If required, this station may be equipped with a 2D barcode camera. The carton will be rejected if the code cannot be read or if it is different than the programmed code.



SKEWED CARTON

This station detects and rejects a carton that is not going through the machine straight. Our system can also detect movement from side to side and a short or long carton front to back.

FITMENT CUT OUT

This station detects if the pour spout knockout has been removed and that the fitment cutout is in the proper location.

HEM CUT THROUGH

This station detects if the skiving operation cut through the paper leaving a void in the hem. The system will also measure the entire length of the hem to make sure it is the proper length and without gaps.

REJECTION

If a carton does not pass inspection at any station, it is automatically rejected using the patented RejectTrak $^{\text{TM}}$ tracking system and Ejector.