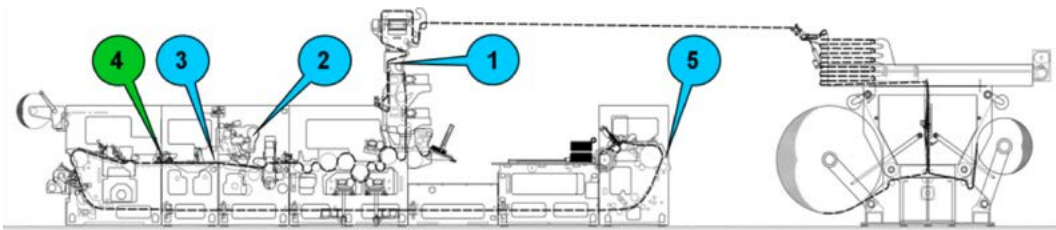


# Machine type W+D 627



## Inline quality control on the side-flap gumming



- 1 Detection of the paper splice (Option)
- 2 Detection of the window material splice
- 3 Inspection window patch after patching section (Option)
- 4 Nozzle gumming for side flaps (Nordson) with inspection
- 5 Discharging

Inline quality control on the side-flap gumming

### Description of modification

The quality control system enables monitoring of the gumming in the paper web and window material splices, as well as the side seam application and of the window position and placement. A further option is the monitoring of the seal gum application. Depending on your machine equipment, the defective envelopes can be either discharged or marked. The nozzle gumming system for side flaps are retrofitted or exchanged. The various monitoring options are all linked and evaluated with the Nordson Logicom-System. The system is also equipped with defect memory that is useful for later fault analysis.

### Brief description

Inspects product stream for defective envelopes. Detection of faulty envelopes based on the inspection of incorrect side flap gumming; splices or missing patches.

### Advantages

- / Improves the quality of envelopes delivered to your customers
- / Increased reliability during the inserting process
- / Competitive edge with documented quality control system
- / Automatic cull at reject gate of defective envelopes

Description of side seam detection	Overview options
Verifies the starting point of the gum line is correct	Cull gate to automatically discharge defective envelopes from the product stream
Verifies the gum line ends at the correct position	Seal gum application that is monitored by three sensors (one on each edge and one in the center of the seal gum pattern)
Verifies a complete line of adhesive is applied	Window patch material detection for a tandem patch unit

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**Winkler+Dünnebier GmbH (W+D)**, part of global equipment manufacturer Barry-Wehmiller and its BW Converting Solutions platform of five industry leading brands, specializes in the design and manufacture of high-performance converting machinery for the tissue, nonwovens, hygiene, package-printing and bag-converting industries worldwide.

With more than 100 years of experience, W+D is the only engineering company to cover the entire envelope mail production value chain: from converting, printing and value ad enhancement systems for the manufacturing of envelopes to highly intelligent mail inserting technology. All with the aim to produce the most complex and personalized letter mail packages for postal system intake. Whether you produce envelopes for transactional mail, direct mail, lightweight e-commerce or special packaging made of paper – we are your solutions partner.

**For more about W+D, visit [w-d.de](http://w-d.de).**

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