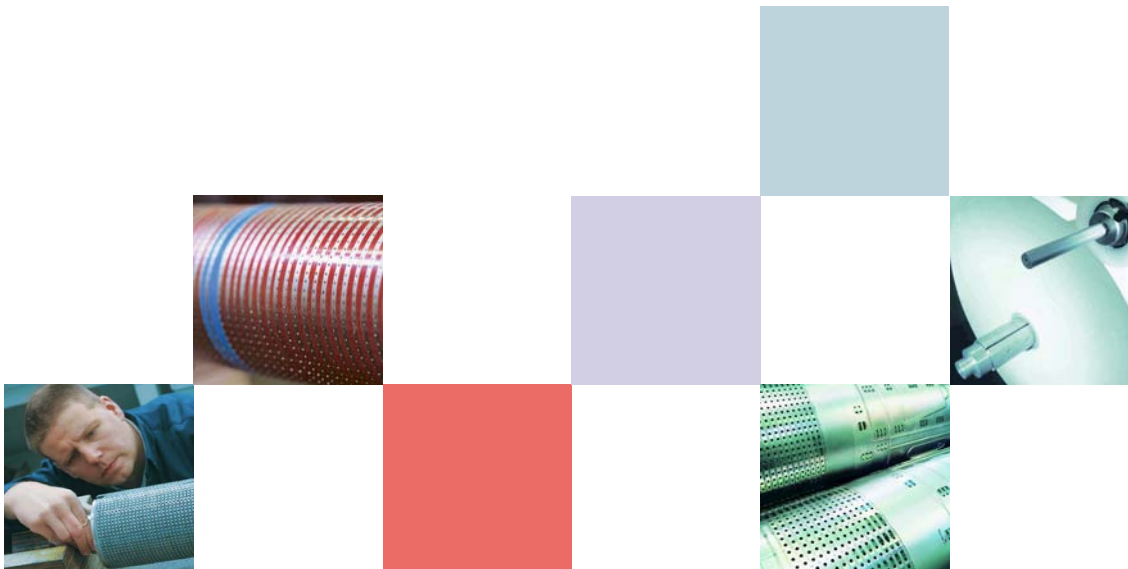


Overview IQS System for W+D Envelope Machines

Cooperation W+D / Nordson

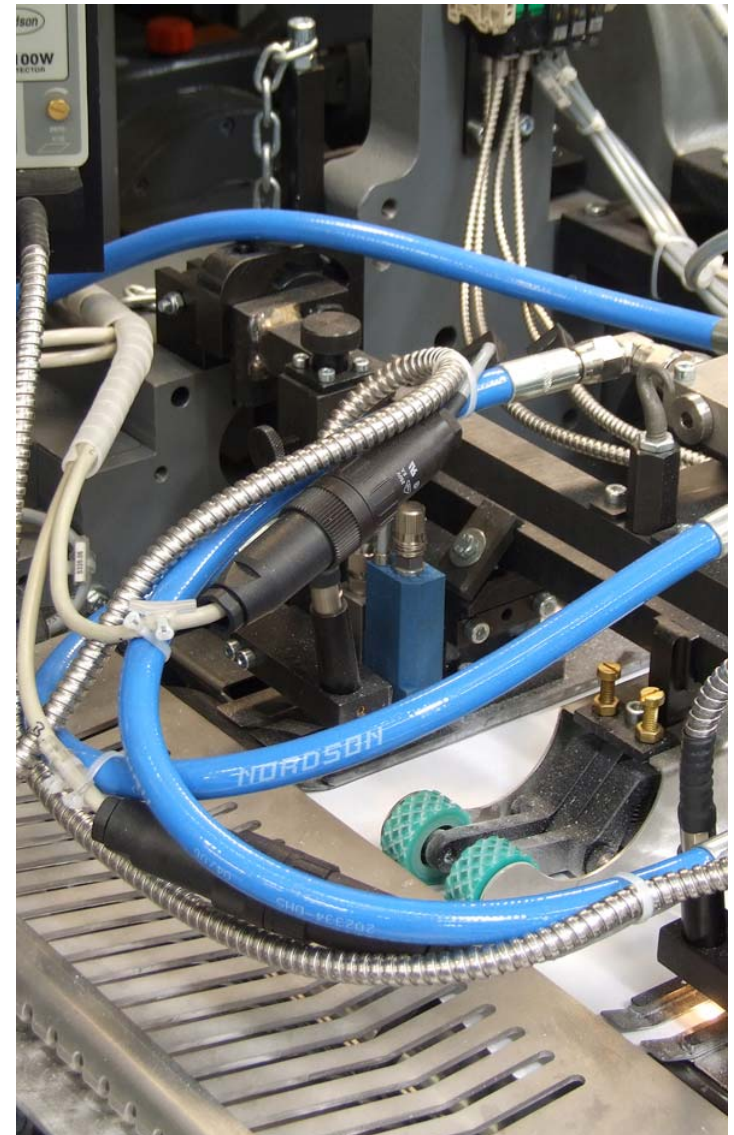


PART OF YOUR SUCCESS

IQS system

Detection Targets:

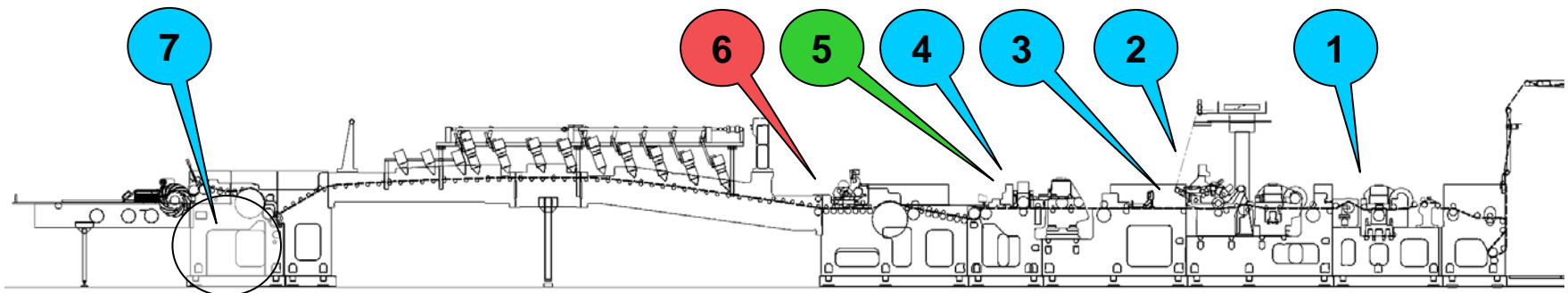
- Detection of faulty envelopes based on the inspection of the following criteria at W+D 202 RE and W+D 627 machines:
 1. Paper splice
 2. Window material splice
 3. Window patch placement incorrect
 4. Side flap gumming incorrect
 5. Seal flap gumming incorrect
- Discharge of the detected incorrect products
- Retrofit of further W+D machines in development



Base IQS system for W+D 202

Location and function of the inspection points

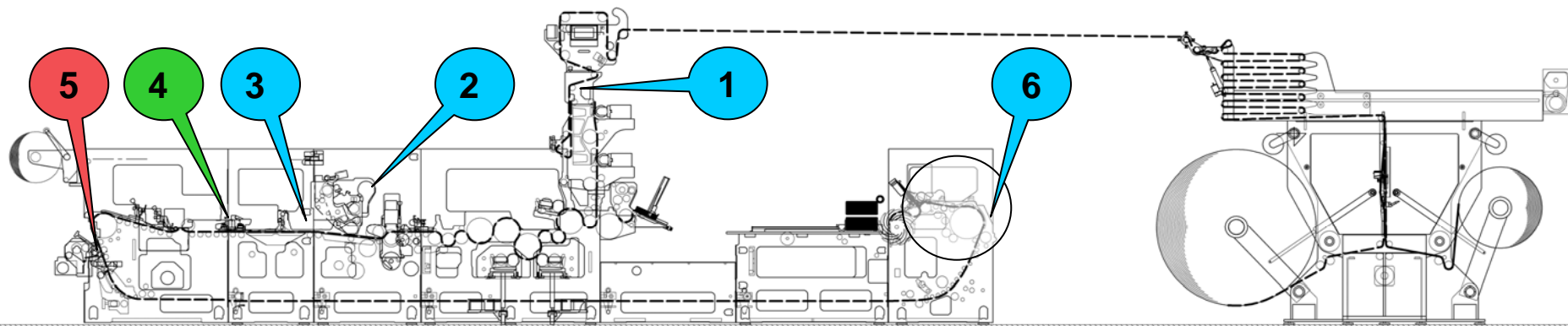
- ① Detection of the paper splice
- ② Detection of the window material splice
- ③ Inspection window patch after patching section
- ④ Inspection window patch after separation cut
- ⑤ Nozzle gumming for side flaps (Nordson) with inspection
- ⑥ Inspection of the seal flap gumming (as an option)
- ⑦ Discharging



Base IQS system for W+D 627

Location and function of the inspection points

- ① Detection of the paper splice
- ② Detection of the window material splice
- ③ Inspection window patch after patching section
- ④ Nozzle gumming for side flaps (Nordson) with inspection
- ⑤ Inspection of the seal flap gumming (as an option)
- ⑥ Discharging



Customer benefits:

- **Support of an automated production process**
- **Increase of the productivity by means of fastest fault detection**
- **Minimized waste**
- **Cost reduction for quality control**
- **Improvement of a trouble-free process of the envelope machines**
 - = **Reduction of the complaint costs**
 - = **Promotion of a higher customer satisfaction**
- **Competitive advantage by means of documented quality control**
 - = **Possibility to certify**
- **IQS system open for further developments**