

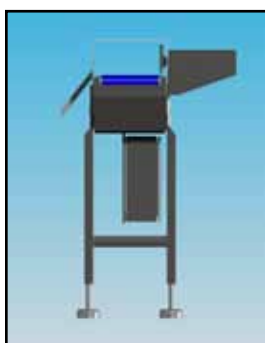
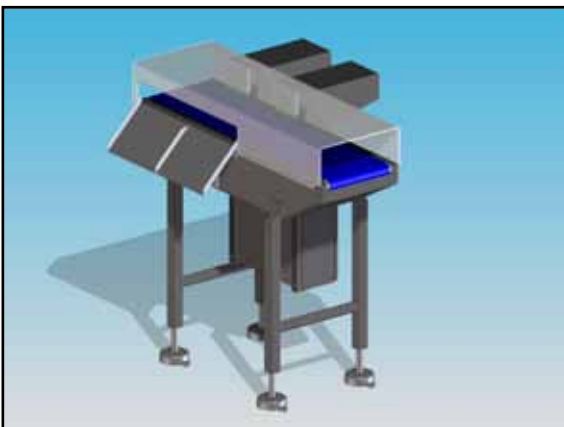
DVC'S DOUBLE REJECTOR

When inspecting your sealed products, it is key that **incorrect packages are rejected and pushed out** of the belt as quickly as possible. So you don't lose any valuable time in your production.

The Double Rejector of DVC can do this for you. It is a high-speed rejecter that can push out **up to 200 products per minute**.

The rejecter is designed to complete the functionality of the Seal Inspector 3 (SI-3). When the SI-3 has decided to reject a product, DVC's double rejecter pushes this rejected product from the belt.

- Respectively 2 rejecters and 2 chutes have been mounted in order to be able to define 2 different error groups.
- It is also possible to use the DVC double rejecter stand alone or in combination with other equipment. A timer will be added in the cabinet for this purpose.
- The belt rotation direction of this double rejecter is standard defined from right to left (front side). By changing the location of the cylinders and chutes it can be used for operation in opposite direction (left to right).
- The transparent cover offers the possibility to check the functionality in a protected way.



Products

- | | |
|-------------------------------|--------|
| • Number of products per min. | 200 |
| • Product length | 240 mm |
| • Product width | 220 mm |

Transporter

Dimensions of the belt

- | | |
|----------|--|
| • Length | 1000 mm |
| • Width | 250 mm |
| • Height | 850 mm, +/- 50 mm;
other heights possible |

Frame

- Hygienic stainless steel with adjustable feet

Chutes

- | | |
|------------|------------------------|
| • Number | 2 |
| • Width | 250 mm |
| • Location | Opposite the rejectors |

Pneumatics

Cylinders

- | | |
|------------|--|
| • Number | 2 |
| • Type | Festo DZH |
| • Stroke | 160 mm |
| • Location | at 160 and 420 mm, measured from
the left side, opposite the chutes |

Valves

- | | |
|----------|-----------------------------------|
| • Number | 2 |
| • Type | Festo 5/2, mounted below the belt |

Other

- | | |
|---------------------|-------|
| • Air pressure unit | Festo |
| • Waterfilter | Festo |
| • Lubrication unit | Festo |

DVC'S DOUBLE REJECTOR

Driving

• Type motor	Drum motor, TM100B25CR
• Location motor	Mounted below the belt
• Belt stability	Passive control
• Belt speed	75 m / min max.
• Belt direction	From right to left

Control

• Cabinet	Stainless steel
• Belt speed adjustment Options (stand alone)	Frequency control
• Power supply	24 V DC, for the purpose of the valve spools
• Input	Photocell
• PLC	Timer: adjustable delay and pulse-length

Finish

• Look and feel matches Seal Inspector
• Location emergency on the front of the cabinet
• Visibility cabling minimized

Interfaces

Connection Pneumatics

• Pneumatic	⊙ 8 mm
• Pressure	5 Bar min., 10 Bar max.
• Mains power	230 V AC, 200 Watts
• Floor anchoring	4 M 12 Bolts (because of the bumping movements)

Floor space

• Length	1000 mm
• Width	775 mm (total, including width of chutes and cylinders)

With Seal Inspector

• Electrical connection	Multi-cable with bayonet lock
- Serial communication	- Belt speed indication Belt speed adjustment
- Control	- Pulse to control the relays of the valve spools - Polarity 0 – 24V - Timer: adjustable delay and pulse-length
• Air-splitter	Standard type ⊙ 8 mm

Contact

If you require more information or are interested in a demonstration, please contact us at:



- Telephone : +31 (0)76 54 40 588
- E-Mail : sales@machinevision.nl
- Website : www.sealinspector.com | www.labelinspector.com