

Stand alone conveyor with integrated inspection systems

Vimec has developed a stand-alone conveyor, which can be expanded with integrated inspection systems for dimensional, cosmetic and print inspection of pharmaceutical glass packaging.

Typically, the conveyor with integrated inspection systems is used for Statistical Process Control or incoming goods inspection.



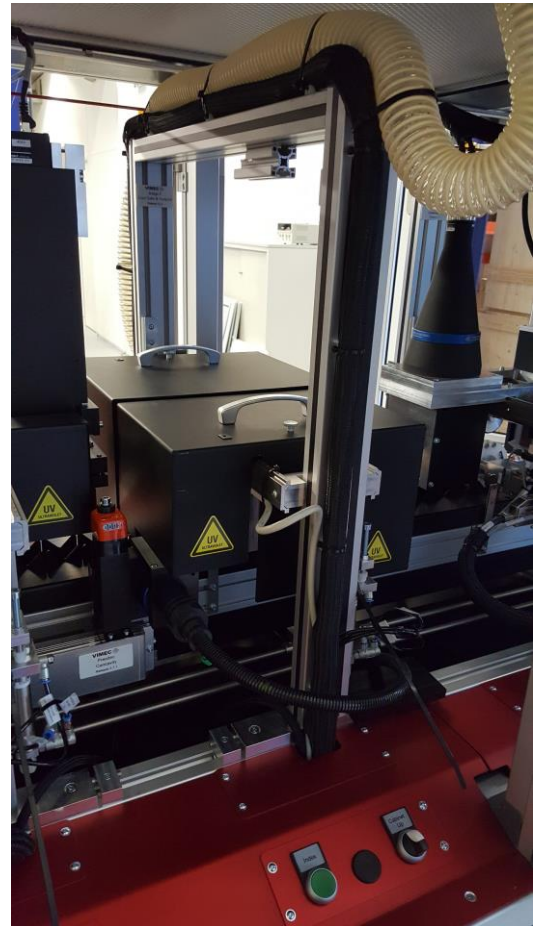
A closer look

The conveyor can be delivered within different lengths, up to the customer request. The conveyor includes a housing where the Vimec inspection systems are integrated. The housing shields the inspection systems from human interference and block ambient lighting. Doors placed on the front and back allow access to the inspection systems. Safety controls are integrated, to stop the operation in case of an emergency.

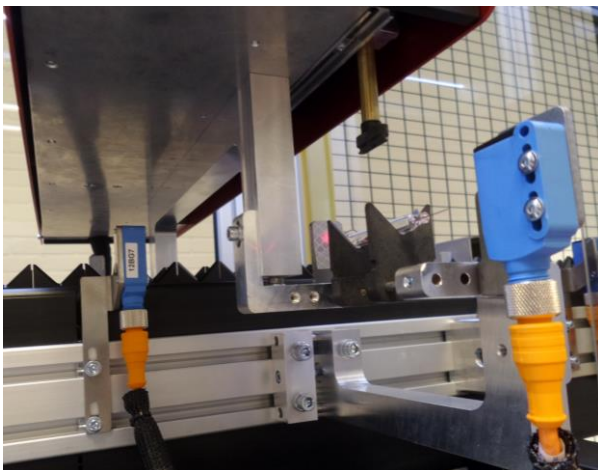
The conveyor contains a reject unit that handles the rejected products. The accepted products are left on the conveyor.

To show the settings of the conveyor and the inspection results of possible integrated inspection systems, the screen which presents the Graphical User Interface is mounted to a flexible arm. This allows the operator to locate the screen to the desired position next to the conveyor.

The Vimec conveyor reduces the total system footprint by eliminating the need for a standard control cabinet. The conveyor houses all the main components used for functioning of the conveyor and/or inspection systems. This means that all electrical components (power supplies, vision PC's and electrical/pneumatic controls) related to the conveyor and/or Vimec inspection systems are housed inside the conveyor unit.



Integrated Vimec inspection system

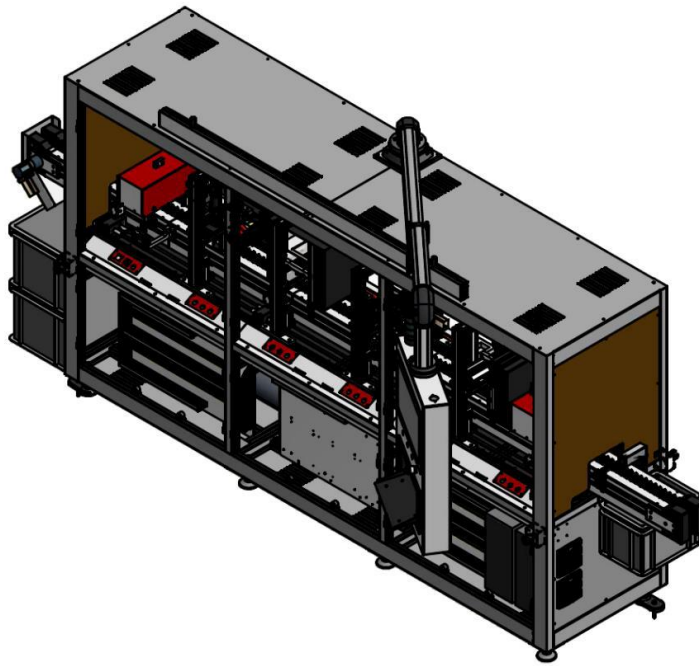


Integrated sampling station

Additional feature

The conveyor can be expanded with Sampling stations.

A product can be inserted into the conveyor by the sampling station at the beginning of the conveyor. When the inspection of this product is performed, a sampling station at the end of the conveyor takes out the inserted product. The inspection results of the sample product can be seen in the GUI.



Key figures Vimec Conveyor:



Max. 120 parts per minute



Vimec inspection systems



ISO sized products¹



Stand alone unit



Production optimization



Vimec VCenter software control

¹ Other sizes possible, please contact us!

Vimec Applied Vision Technology B.V.

With over 25 years experience in the specific market of packaging glass, we are dedicated to design, build and validate visual inspection systems. Vimec offers a multitude in measurement possibilities to cover all your inspection needs.

Interested?

Contact us for more information!



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