FSCAN Food Inspection System 9500D(H)

X-ray Automatic Vision Inspection System

Company:	**Dong Phuong Hn**
Date:	25 Oct. 2022
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XAVIS

FSCAN Food Inspection System

X-ray Automatic Vision Inspection System

General system overview

Output Signal
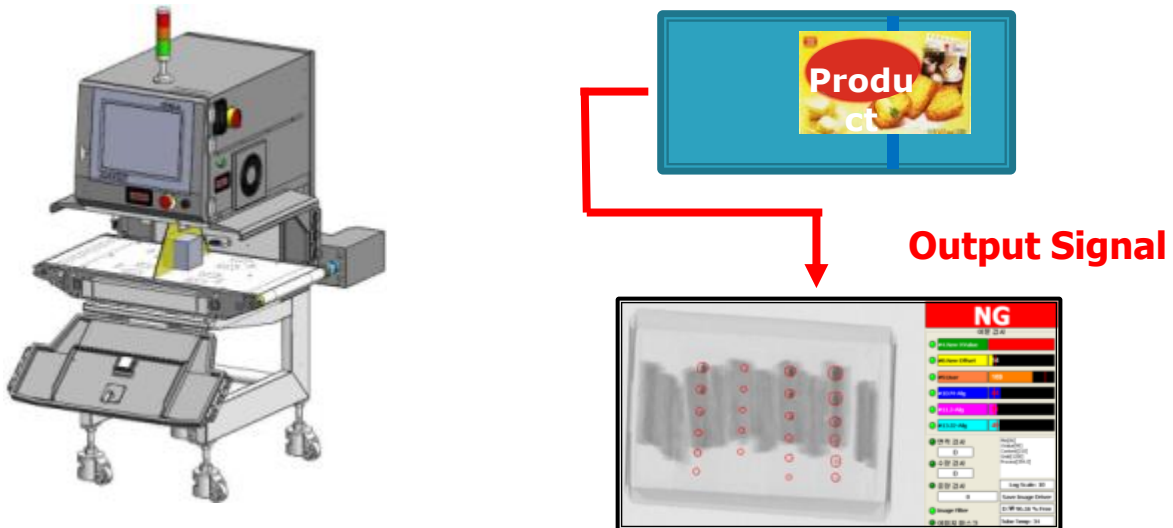
- X-rays are connected to the production-line by the conveyor belt.
- X-ray beaming to the detector and image analysis enables to detects the presence of any contaminant in the product.
- Any irregularity of X-ray machine can be diagnosed by Xavis using remote connection through USB internet or WI-FI. – Real time service

XAVIS Service center

<Online support program>

XAVIS
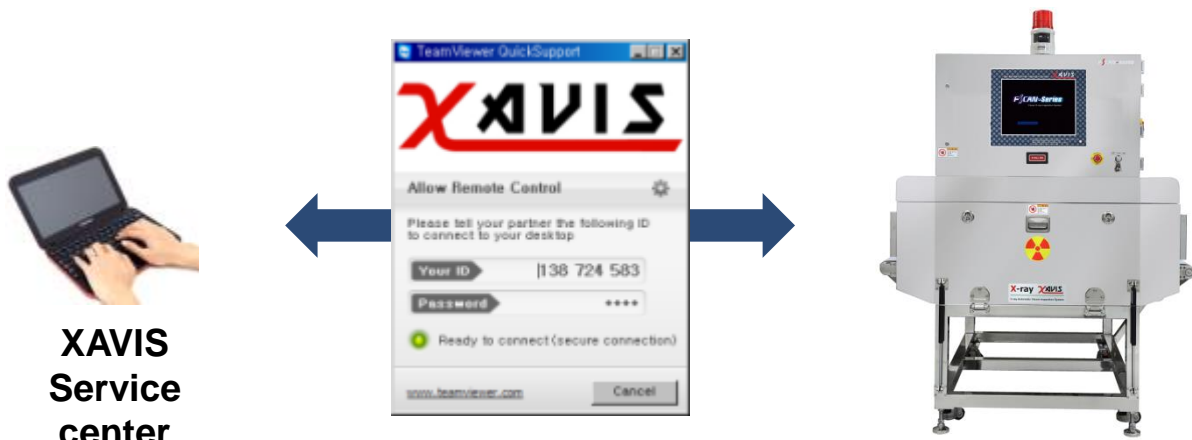
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X-ray **A**utomatic **V**ision **I**nspection **S**ystem

Why X-ray inspection system?

Brand protection

customers will trust the products

Food safety

The food is free of foreign substance and safe to eat

Cost savings due to no products recalls and customer complaints

Fewer recalls and customer complaints lead to less fines.

- **Data management**

  Provides reports on defective and good products inspected by X-ray. Reports can be categorized into annual, monthly, weekly and daily reports and saved as an Excel file.
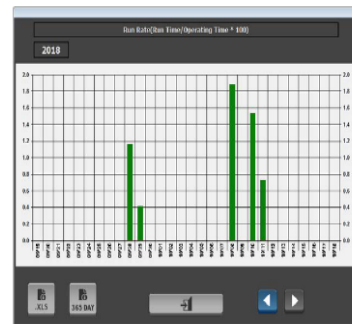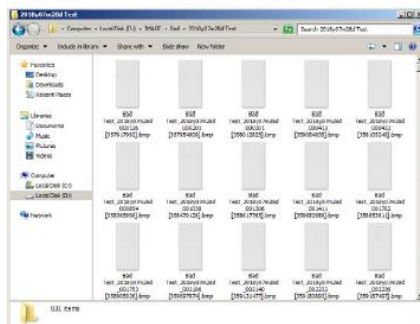
- **Image management**

  Save all produced images for post-tracking management

- **Data analysis**

  Information on production and operation of the product can be seen on a various type of chart.
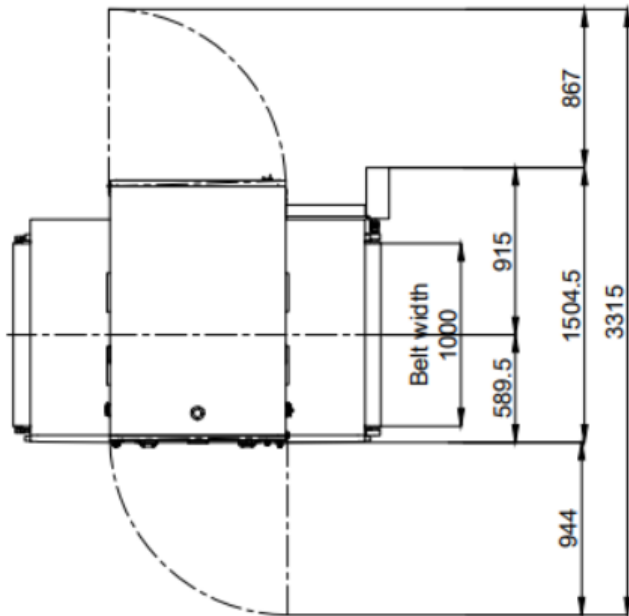
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External Dimensions – 9500D(H)

Dectction area
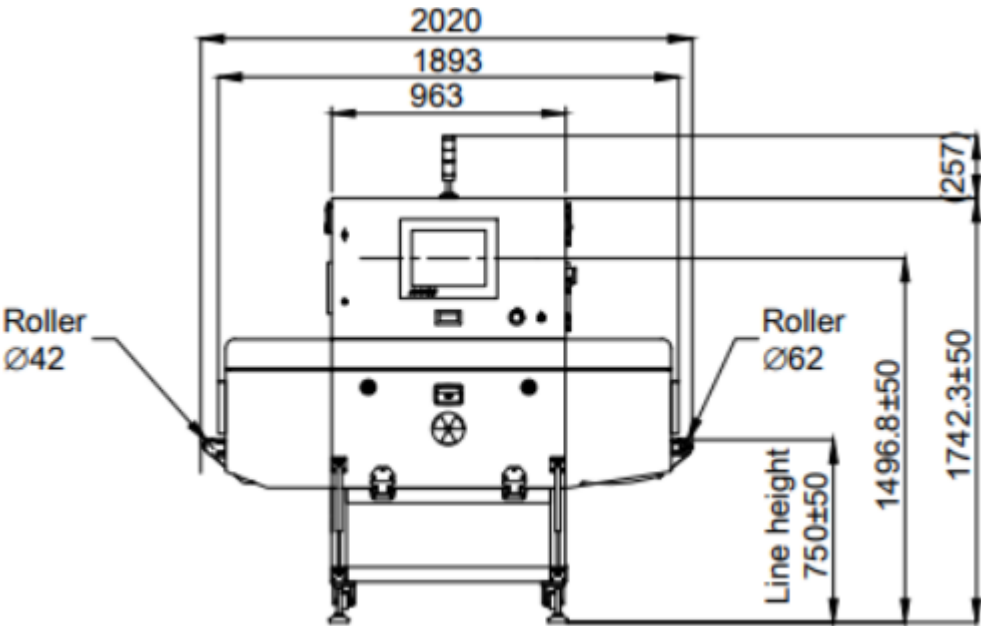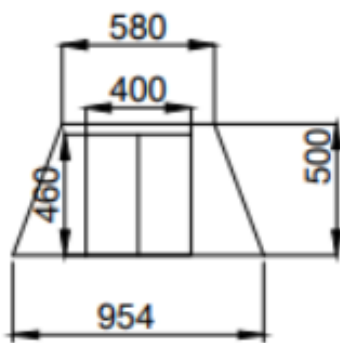
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Protection class – 9500D(H)

※ Upper part
- IP55 with cooling fan
- IP65 with AC excluding vent of AC
  (AC: IP34)

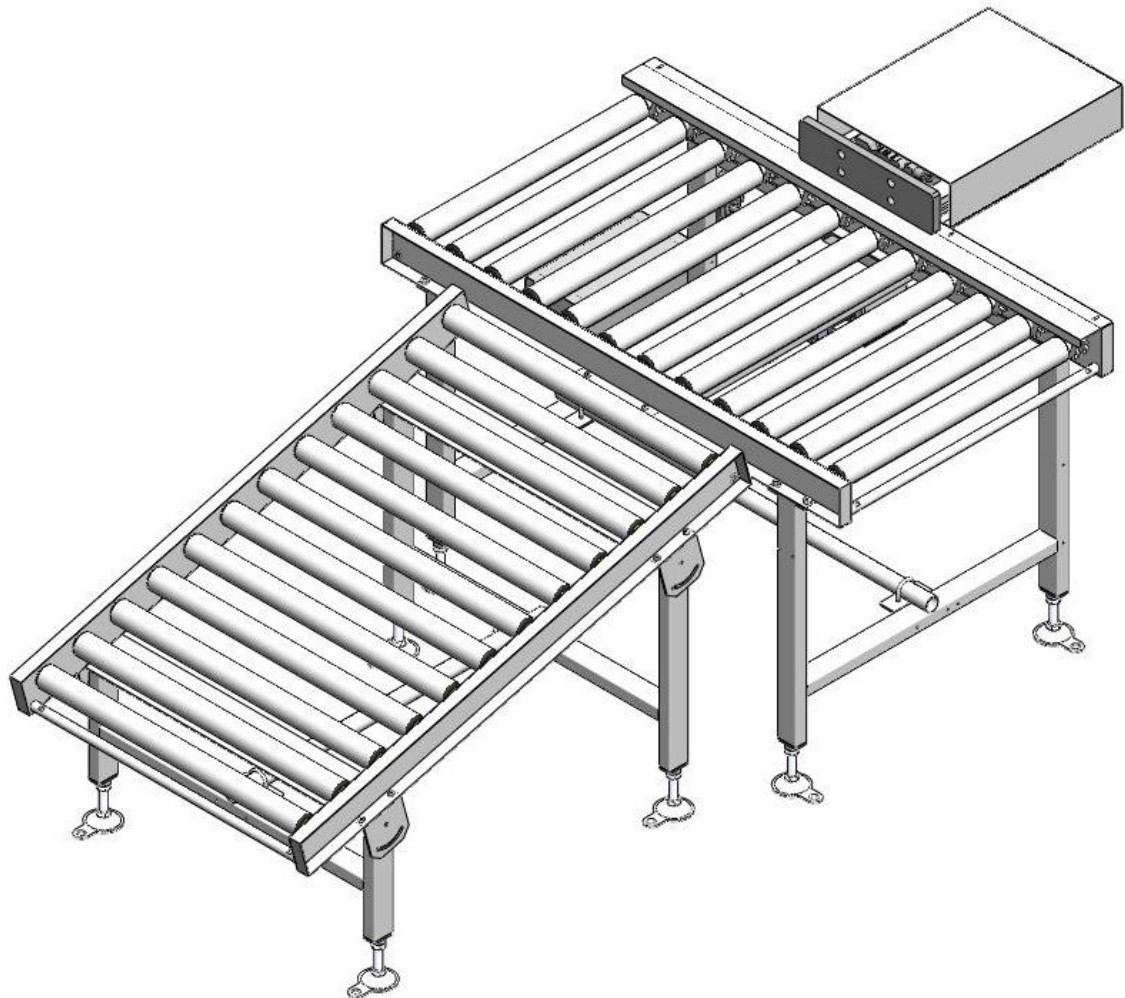※Lower part(conveyor): IP66

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Automatic Reject (※ Optional)

Pusher type with roller

※ Additional Options
- Combination rejector (with reject confirmation function)
- Air conditioner
- Adjusting belt height (Maximum 900mm)
- Increasing belt speed
- Increasing tunnel height
- Lockable rejector bin

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Specifications – 9500D(H)

X-ray tube	MAX. 120kV, 4.0mA, 480W	
Detector	Maximum detecting width	954 mm
	Maximum detecting height	460 mm
Conveyor	Speed	7.5 ~ 25 M/M
	Width	1,000 mm
	Maximum product weight	25 kg
Tower lamp	3 colors	
Control computer	Industrial computer	
Monitor	15"~17" Touch screen	
Interface	Possible to store at USB port	
Product register function	Possible to register max. 10,000 models of product	
Masking function	Image of product, function of image brightness (16 kinds)	
Product management	Daily/Month/Model product capacity analysis	
Equipment management	MTBF, MTTR, Error log, Error analysis	
Teaching	Auto teaching , Manual teaching	
Image management	Image Save/Analysis [Defect size measurement]	
Protection class	Conveyor in & out IP66 Body IP55 with cooling fan (IP65 with AC excluding vent of AC) (AC: IP34)	
Washing	Easy to clean	
X-ray leakage	Maximum 1 µSv/h or less	
Power requirements	AC220V, 50/60Hz, 1.5kVA	
Weight	Approx. 730 kg	
Temperature	0°C ~ 35°C	

※ All specifications are subject to change without prior notice
※ Sensitivity is dependent on the material as well as size and array of examined object
※ The height of belt level: 800±50mm (option for adjusting belt height, max. 900mm)
※ Options available for increasing belt speed, tunnel height and product weight

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