

# IX-GN-5523

## X-ray inspection for large sized products

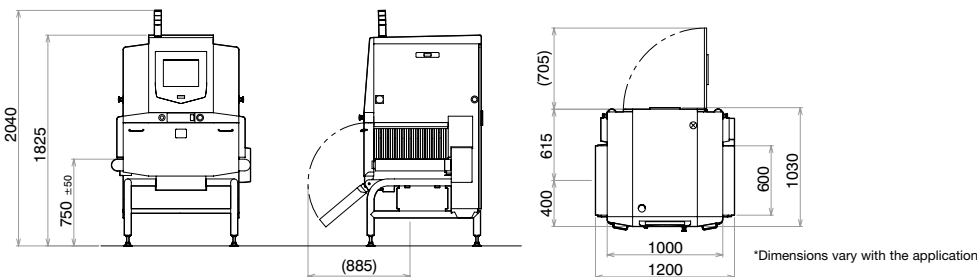
Highest sensitivity and latest sophisticated X-ray inspection system for large sized products.

Designed to detect the wide range of contaminants in large and heavy products, the proven and highly enhanced technology provides unbeatable inspection sensitivity and advanced product assurance.

Ishida X-ray inspection system IX-EN-5523 can be used at any stage in your production line to identify with the greatest accuracy when foreign bodies are contaminating your product, thus protecting your brand and reassuring your customer.



Dimensions



### Specifications

### IX-GN-5523

Tunnel aperture	Width	550mm
	Height	270mm
Construction	Material	SUS304 (Polished surface)
	IP Rate	Conveyor chamber: IP66 / Enclosure: IP54 (*1)
Machine dimensions	1200mm(L) x 1030mm(W) x 1825mm(H) (*2) (Floor to Signal Tower: 2040mm)	
Machine weight	500kg	
Conveyor	Dimensions	1200mm(L) x 600mm(W)
	Belt height	900mm +/- 50mm (*3)
	Speed	5-30m/min (optional 10-60m/min) (*4)
	Loaded weight	25kg (30kg optional) (*4)
Product length	up to 1000mm (*5)	
Minimum spacing between products	30mm (*5)	
Power supply	Single phase: AC200-240V 50/60Hz 12A 1900W (*6)	
X-ray	Tube voltage	40-100kV
	Tube current	1-5mA
	Output	Max: 350W
Line sensor	0.4mm	
X-ray protection	Protective curtains (*7)	
X-ray emissions	1micro Sv/h or less	
Working environment	Temperature	0-35°C (*8)
	Humidity	30-85%RH

Ishida Europe pursues a policy of continual improvement due to technical development. We therefore reserve the right to deviate from information and specifications in this publication without notice.

(\*1) Except the cooling unit.

(\*2) This dimension shall be applied in case of 900mm belt height.

(\*3) Other heights optional.

(\*4) In the case where higher weight or speed options are selected other specifications may vary.

(\*5) This dimension should be followed under Snap-Mode only. In case of Bulk-Mode, not applied.

(\*6) There are cases that input voltage is fixed depending on integrated rejector unit or optional unit. 1900W is applied where there is no specific ancillary.

(\*7) The material of protection curtain is tungsten, and curtain is detachable.

(\*8) If the room is hotter than 35°C, the air conditioner shall be arranged as a chargeable option. In this case, the maximum temperature is 40°C.

Technical information is based upon information available at the time of Print - 05/2018. Confirmation is provided via Sales enquiry. Photographs and application shots may not be exact representations.

# Ishida Global standard X-ray series

## Benefits of an X-ray inspection system

X-ray inspection has several key benefits, especially for food producers, that are fundamentally linked to safety and quality:

### Brand protection

- ▲ Customers will trust the product

### Food safety

- ▲ The food is free of foreign bodies and safe to eat

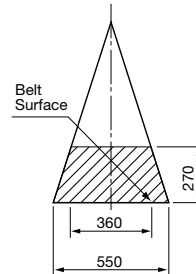
### Cost savings due to no product recalls and customer complaints

- ▲ Fewer recalls and customer complaints lead to less fines

### Can do much more than just finding foreign bodies:

- ▲ Counting components
- ▲ Weight estimation
- ▲ Checking fill level
- ▲ Detecting flaws such as missing or broken items
- ▲ Measuring product size
- ▲ Sealing control

All these functions in one machine lead to a cost-effective and efficient performance



### Inspection area

The figures show the permissible inspection range. Portions of the product which are not within the shaded area are not irradiated.

(\*1) The inspection width against the height is approximate value.

Product Size (mm)	
Height (*1)	Width
0	550
10	542
20	535
30	528
40	521
50	514
60	507
70	500
80	493
90	486
100	479
110	472
120	465
130	458
140	451
150	444
160	437
170	430
180	423
190	416
200	409
210	402
220	395
230	388
240	381
250	374
260	367
270	360

## Ishida X-ray integrated solutions

Our systems are ergonomically designed, from the reject bin position to the different types of reject units, to be easily integrated into your production line without disruption.



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