

# IX-EN-2493-C

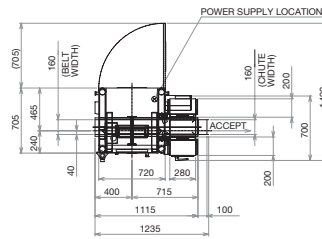
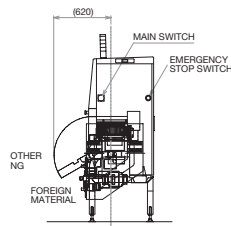
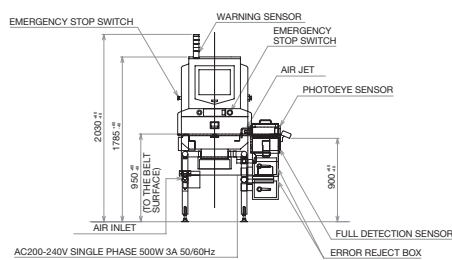
Latest X-ray inspection technology, developed specifically to meet the rigorous requirements of the high speed flow wrapping sector.

Unique split conveyor and contactless curtain design gives the smallest footprint possible and ensures a consistent product flow whilst maintaining the highest safety standards. Designed with enhanced inspection technology, this system gives an unrivalled return on investment.

- ▲ Reliable inspections suitable for flow wrap lines
- ▲ Easy to set up and integrate into your production
- ▲ User-friendly 15" touch screen control
- ▲ Additional functionality and rejection for quality defects, such as part or broken bars, are included as standard



## Dimensions



## Specifications

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Tunnel aperture	Width	160mm
	Height	30mm
Construction	Material	SUS304 (Polished surface)
	IP Rate	Conveyor chamber: IP66 / Enclosure: IP54 (IP65, option) (*1)
Machine dimensions	1115mm(L) x 745mm(W) x 1735mm(H) (*2) (Floor to Signal Tower: 1980mm)	
Machine weight	265kg	
Conveyor	Dimensions	1115mm(L) x 160mm(W)
	Belt height	900mm +/- 50mm (*3)
	Speed	10-120m/min
	Loaded weight	5kg
Product length	20-200mm	
Minimum spacing between products	30mm	
Power supply	Single phase: AC200-240V 50/60Hz 500W (*4)	
X-ray	Tube voltage	30/35/40/45/50/55/60/65/70/75kV
	Tube current	1-3mA
	Output	Max: 150W
Line sensor	0.4mm	
X-ray protection	Split conveyor, retention blocks, 30mm cut curtains (*5)	
X-ray emissions	Machine meets local regulations	
Working environment	Temperature	0-33°C (*6)
	Humidity	30-85%RH

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(\*1) Except for the cooling unit.

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

(\*3) Other heights are optional.

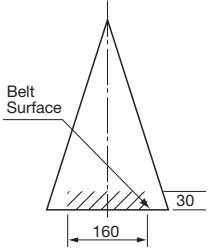
(\*4) There are cases that the input voltage is fixed, dependent on the integrated reject unit or an optional unit. 500W is applied where there is no specific ancillary.

(\*5) The material of protection curtain is tungsten. The curtains are detachable.

(\*6) If the room is hotter than 33°C, the air conditioner shall be upgraded as a chargeable option. In that case the maximum permissible temperature is 40°C.

Technical information is based upon information available at the time of Print - 02/2024. Confirmation is provided via a sales enquiry. Photographs and application images may not be exact representations.

# Ishida Global standard X-ray series



Product Size (mm)	
Height (*1)	Width
0	160
10	160
20	160
30	160

### 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 an approximate value.

## Ishida X-ray integrated solutions

Our systems are ergonomically designed. Rejects for both foreign body and quality defects are directed to the front of the machine to separate lockable bins for easy operator access. This X-ray inspection system can be easily integrated into your production line.

## 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

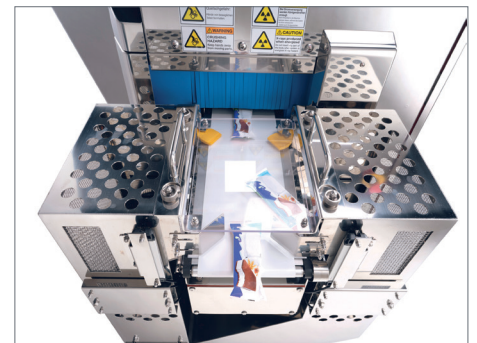
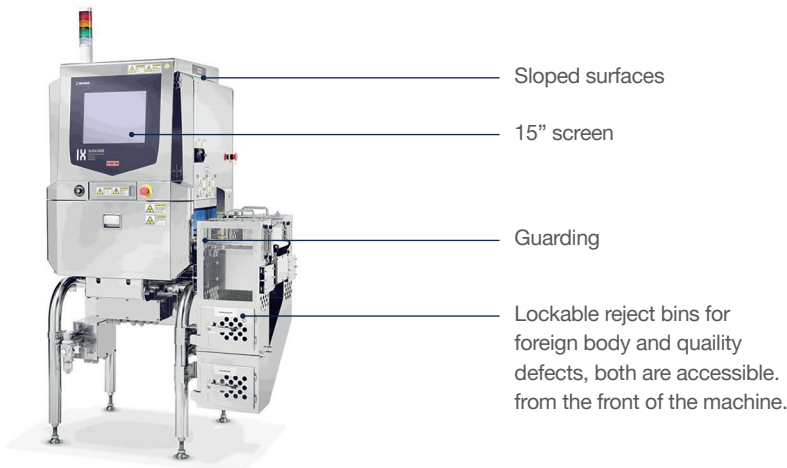
### Cost savings due to no product recalls and customer complaints

▲ 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 control
- ▲ 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



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