



IXUS BULK

X-RAY SORTER

Interested in a free demonstration
with your own product or require more
information?
Please contact us directly.

The Ixus Bulk x-ray sorter provides the safest output when it comes to the removal of metal, stones, pits, glass and high density plastics from nuts, dried fruit, fruit, seafood and whole potatoes.

TECHNOLOGY THAT MAKES A DIFFERENCE

The Ixus Bulk scans product in bulk to detect foreign material dangerous to your customer. Metal, glass, small rocks -free flowing and embedded-, are detected by absorbing more x-rays than the good product. The Ixus Bulk can also divide products into different categories based on size and shape characteristics.

The type of x-ray source depends on the product, type of defect and capacity. The sorter has been engineered around the best performing x-ray detector, enabling an **unmatched resolution** in order to find the smallest defects at **high throughputs**. The Ixus Bulk is equipped with precise air ejectors or solid high speed pneumatically operated flaps, to provide higher ejection accuracy, lower false reject and increased efficiency for more consistent sorting.

BENEFITS

- **Superior safety**
- **Yield increase**
- **Easy to integrate**
- **Flexible**
- **Unparalleled throughput**
- **Brand protection**

VERSATILE SOLUTION

The Ixus Bulk is very **flexible and easy to integrate** into the production line and can be used as a complementary sorter or as a stand-alone machine. Installing an x-ray sorter at the beginning of the line will decrease the incoming defect load significantly and will facilitate further processing. At the furthest end of the line, it will minimize the risk to find unwanted objects in your final product, just prior packaging.



WORKING PRINCIPLE

The product passes on a horizontal conveyor belt between an industrial x-ray source and an x-ray detector. X-rays are absorbed by the product and by the foreign bodies. The absorption rate is higher for denser or thicker objects. When foreign bodies are detected, they will be rejected by powerful air guns while the good product continues on its way.

DIMENSIONS AND SPECIFICATIONS*

Model	Dimensions				Utilities	
	Width	Length	Height	Infeed elevation	Power	Air
IXUS BULK 420	923 mm (36")	2250 mm (88.5")	2200 mm (86.5")	1324 mm (52")	1 ph+N 1.5 kVa	87 - 101.5 psi 6-7 bar
IXUS BULK 570	1162 mm (46")	2250 mm (88.5")	2200 mm (86.5")	1324 mm (52")	1 ph+N 1.5 kVa	87 - 101.5 psi 6-7 bar
IXUS BULK 800	1785 mm (70")	2435 mm (96")	2320 mm (91")	1261 mm (50")	1 ph+N 1.5 kVa	87 - 101.5 psi 6-7 bar

*Information shown for reference and may change depending on the actual application.