

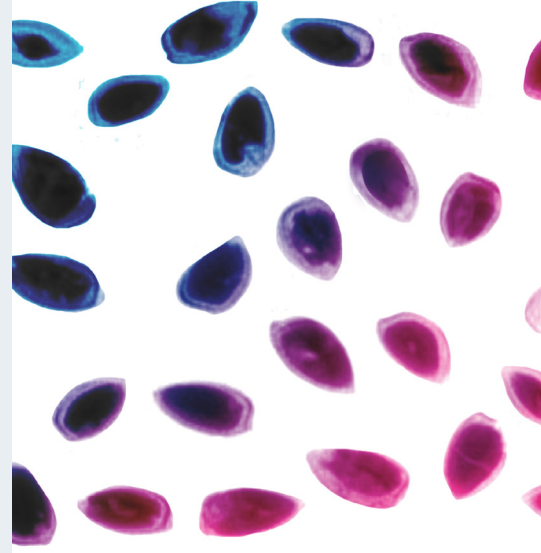


TOMRA



TOMRA 5X  
Optical Sorter

Identify and remove foreign materials with just one glance with the TOMRA 5X. Designed to help you meet and exceed food safety standards, this x-ray sorter integrates unique contrast and resolution – resulting in outstanding visibility of foreign material.



## Enhanced Technology

Reduce your Good-in-Bad. Spot metal, glass, bones, small rocks, and high-density plastics at a glance. And offer your operators an easy to use and easy to clean sorting machine.

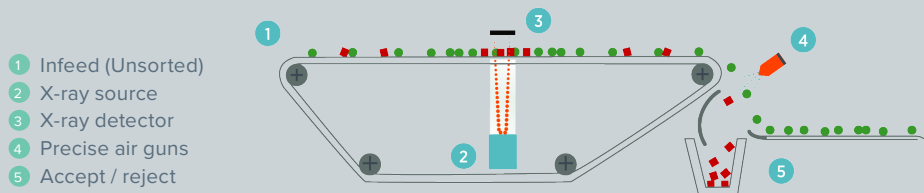
The TOMRA 5X combines the unique properties of x-ray sensors with TOMRA's belt handling innovations to consistently sort with accuracy even at high product volumes.

Because foreign material is clearly visible at a glance, the user interface is designed for minimal intervention from operators — with few adjustments and features simple, color-coded settings.

The TOMRA 5X delivers maximum food safety and optimized productivity with its innovative technology, hygienic design, and intuitive interface.

## Working Principles

A feed shaker or hopper uniformly spreads the product into the TOMRA 5X. The product passes on a horizontal conveyor belt between an advanced 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 such as foreign material. When foreign material is detected, it will be rejected by powerful and precise air guns while the good product continues on its way.



## Drivers



### Precision

X-ray for object detection combined with individual air ejection for high precision removal



### Performance - Efficiency

Outstanding detection performance combined with stable, high-capacity belt handling for performance combined with efficiency



### Sanitation

Improved accessibility & design for optimal maintenance



### Ease of use

Intuitive interface with clear and color coded settings



### Capacity

Increased capacity & optimized product flow

## Dimensions and Specifications\*

Model	Dimensions						Utilities	
	Width	Length	Height	Infeed Elevation (Without Shaker)	Infeed Elevation (Shaker)	Infeed Length (Shaker)	Power	Air
<b>TOMRA 5X 570</b>	1366mm	2677mm	2255mm	1314mm	1490mm	3969mm	1,5kVA	6-9 bar
<b>TOMRA 5X 1000</b>	1829mm	2800mm	2232mm	1377mm	1553mm	4407mm	2kVA	6-9 bar

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

Interested on more information? Please contact us directly.

[www.tomra.com/food](http://www.tomra.com/food)



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