



TOMRA

TOMRA 5X

Revolutionary insights with just one look



TOMRA 5X

The TOMRA 5X is a revolutionary X-ray sorting machine from TOMRA Food that will change the way you see your product. It integrates never-before-seen contrast and resolution - resulting in incomparable visibility. You can now reduce waste, reclaim value, and improve your bottom line - with just one look.

The TOMRA 5X uses boundary-shattering AI technology and comprehensive business intelligence to deliver unparalleled insights - giving you the tools to secure higher yields of top-quality products with greater confidence.

It's easy to use, easy to maintain, easy to clean — and easy to see the difference it will make in your business.

TOMRA 5X

**Your produce has
never been seen like
this before**

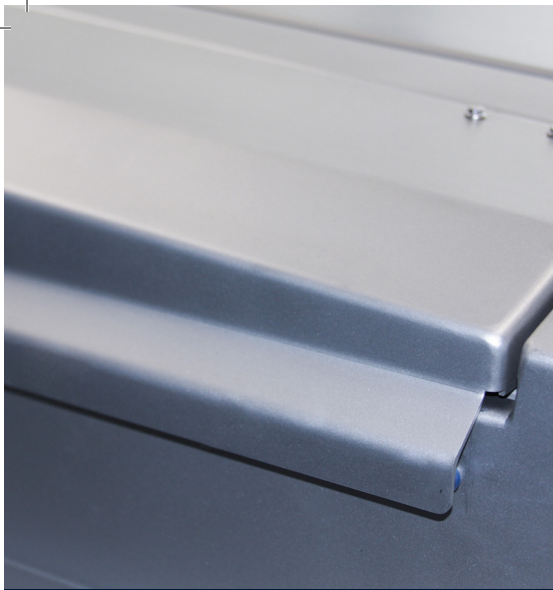


The TOMRA 5X consistently sorts with tremendous accuracy at high product volumes to detect foreign material that could be dangerous for your customer. Metal, glass, small rocks & high-density plastics - free-flowing and embedded, all absorb more x-rays than the good product and is the method behind their detection. Through improved product handling and individual air ejectors, the sorter precisely rejects that critical FM and maximizes your yield quality.

The TOMRA 5X increases good product yields on the line and keeps them out of the reject bin with the AI inspecting for internal quality and removing shriveled nuts and insect damage from eg. in-shell nuts. It reduces the workforce required and the software crunches unique data allowing you to increase capacity.

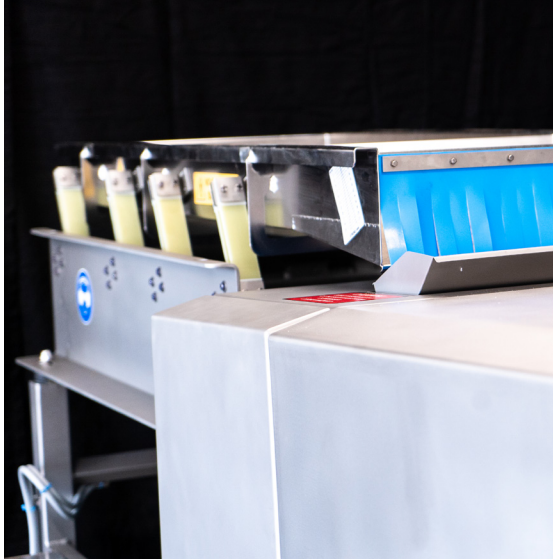
The deep learning brought with AI takes out the guesswork in setting up the unit and runs better with each batch processed. That, combined with the award-winning TOMRA Act user interface, is a dream come true for both operators and managers alike.

The TOMRA 5X brings maximum food safety with its hygienic design, improves your yield, and saves time and costs associated with rework.



Precision

Advanced X-ray for dense object & internal defect detection combined with individual air ejection for high precision removal.



Performance-Efficiency

AI, Smart machine learning for advanced performance & yield.



Sanitation

Improved accessibility & design for optimal maintenance.



Ease of Use

Easier to use thanks to TOMRA ACT.



Capacity

Increased capacity & optimized product flow.

TOMRA 5X



Increased capacity & optimized product flow

Improved accessibility & design

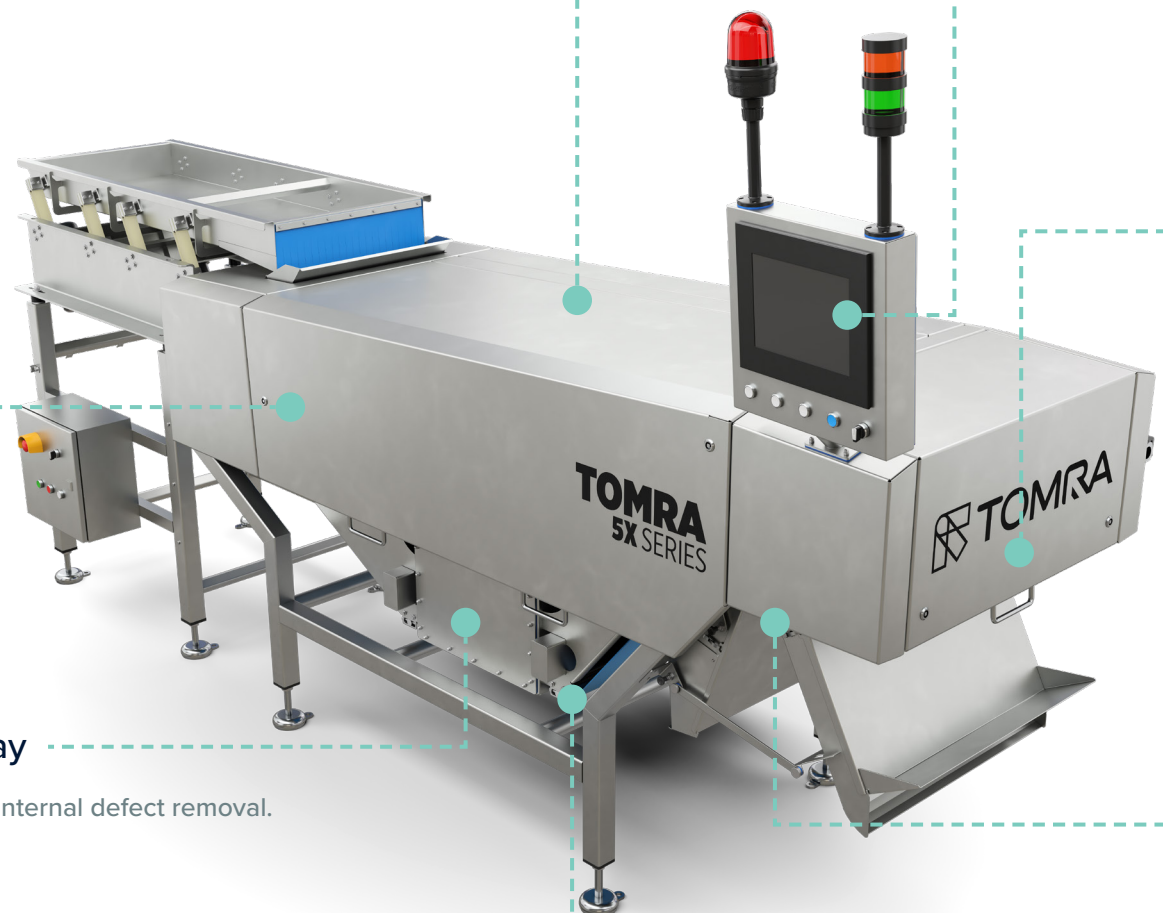
For optimal sanitation and maintenance.

Advanced X-ray

For dense object & internal defect removal.

Quick belt release

For optimal cleaning conditions.



TOMRA ACT

Easy to use interface.



AI, Smart machine learning

For advanced performance and yield.



Individual air ejection

For high precision removal of defects.





Minimal training required

Faster cleaning

Higher customer satisfaction

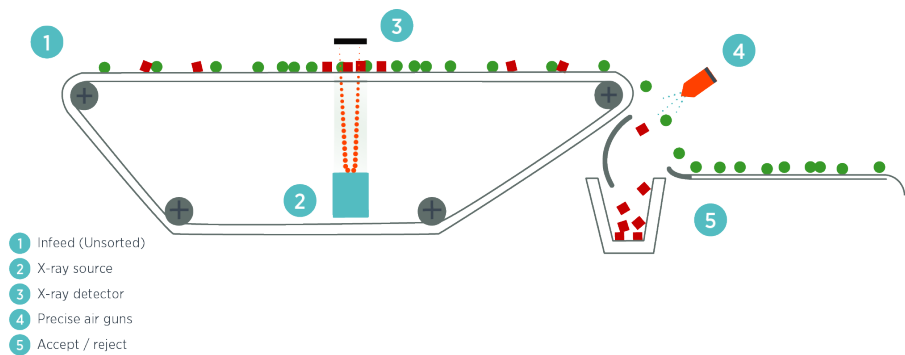
Increased uptime

High yield - optimal food quality

Working Principle

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 and will differentiate between certain internal defects.

When foreign bodies and/or internal defects are detected, they will be rejected by powerful and precise air guns while the good product continues on its way.



Dimensions and Specifications*

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

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



The high level of accessibility, the machine's ease of use, and increased capacity delivered to the operation were significant for us. On top of that, the increase of yield while maintaining the stringent specifications of our customers was the biggest leap forward. Being in grade for embedded pits in cherries was never that easy.

Mr. Jan Danilczuk | Owner – CEO, Uren Novaberry sp. Z o.o, Poland



Transforming global food
production to maximize food safety
and minimize food loss by making
sure Every Resource Counts.

Food. Recycling. Mining. Collection.

Interested in a free demonstration with your own product or require more information?
Please contact us directly. www.tomra.com/food

