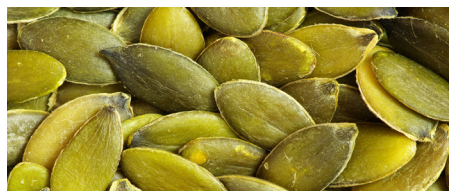


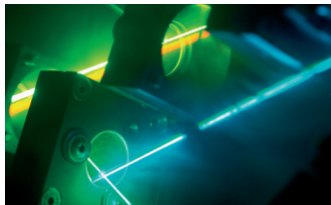


TOMRA 3C

OPTICAL SORTER



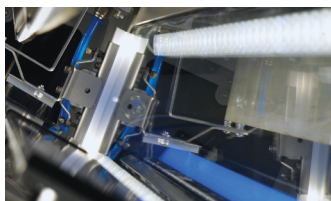
After years of global teamwork, laser technology is introduced to the market of conventional sorting with the **TOMRA 3C**. Addressing your daily challenges in seeds, grains, beans, pulses and nuts sorting, the sorter's optimal and reliable performance ensures your products meet the highest standard for food safety and quality. Every element is designed to increase the machine's ease of use, leading the way in user experience.



SUPERIOR GLASS AND FOREIGN MATERIAL REMOVAL
Dual laser induced scattering



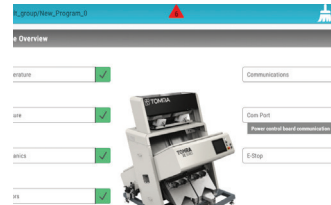
REMOVING SUBTLEST COLOR AND SHAPE DEFECTS
Double-sided RGB cameras combined with high intensity, focused LED lighting



OPTIMAL PERFORMANCE GUARANTEED
Intelligent auto cleaning



MINIMAL BREAKAGE AND FAST MAINTENANCE
Soft landing chute with tool-free removal



OPTIMAL EFFICIENCY AND INTUITIVE TUNING
Application specific tuning parameters with award-winning GUI, TOMRA ACT



MINIMIZED DOWNTIME
Remote and on-screen alerts

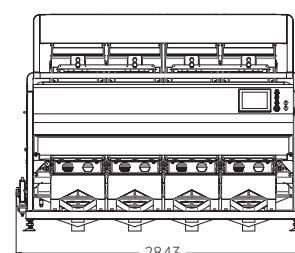
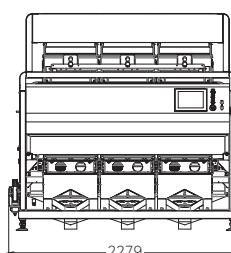
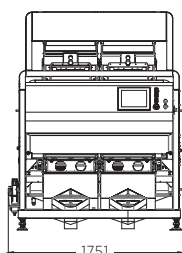
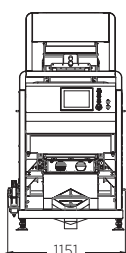
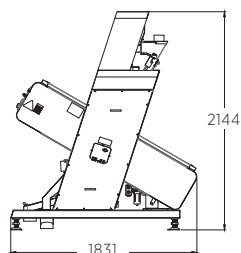


LOW FALSE REJECTION
High speed valve with direct nozzle connection

WORKING PRINCIPLE

The produce falls from the hopper onto the shaker pan, spreading evenly on the infeed chute. Dual laser and double-sided cameras inspect the produce on both sides. A few milliseconds later, the intelligent ejection system rejects all defects. The good product continues its way via the accept chute, while the defects are diverted via the reject chute.

DIMENSIONS AND SPECIFICATIONS*



CAPACITY (T/h*)

1.2 - 1.8

2.4 - 3.6

3.6 - 5.4

4.8 - 7.2

POWER (kVA)

0.4

0.7

1.1

1.4

AIR (m³/h)

< 190

< 380

< 560

< 760

*The max. flow rate depending on product type, IDL and the application of a single or dual-sort arrangement, with single or double reject recycling



SUNFLOWER SEEDS



White kernels



Cross contamination



Cobbles



Insects



Breakage



Cockleburrs



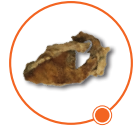
Glass



Droppings



Contaminated



Flower bed parts



Plastics



Stems



Mold



Rosins



Paper



PUMPKIN SEEDS



Sclerotia



In-shell



Stones



Droppings



Half in-shell



Mold



Soil



Plastics



Unripe



White seeds



Lime stone



Stems



Contaminated



Scratches



Glass



WATERMELON SEEDS



Red bottom



Kernels



Plastics



Glass



White bottom



Corn



Metals



Attached seeds



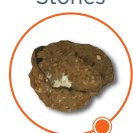
Stones



Wood



White seeds



Soil



Watermelon skin



You are a Resource Revolutionary.

Crossing boundaries

TOMRA 3C

Everything you expect from conventional sorting... and more

As a technology leader, TOMRA continues to be a pioneer in sensor-based sorting in the food, recycling, mining and other industries.

TOMRA's food sorters are not only the most efficient solution to sort your product, they are also a smart way to invest in your food business.

If you are interested in a free demonstration with your own product or if you need more information, please contact us directly.



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