



TOMRA



X-TRACT™

POWER MEETS PRECISION

FUTURE-FORWARD INNOVATION

RELIABILITY YOU CAN COUNT ON



THE ULTIMATE CONTROL IN ALUMINUM SORTING

New X-TRACT's™ improved design and machine intelligence bring major advancements in aluminum sorting. The machine instantly separates super lights and heavy metals in a single step with multi-density channels that use software-defined ranges to classify materials at high throughput speeds.

Thanks to its Dual Processing Technology, the new X-TRACT™ provides even more capacity per meter width and effectively sorts the most complex mixed materials, including adjacent and overlapping objects. Through simultaneous object and area processing, its data-driven decision-making capability gives you the flexibility to choose between high purity and/or high recovery sorting.

Whether sorting fines or large grains, new X-TRACT™ provides unrivaled performance and high precision sorting for shredders, heavy media plants, smelters, and refiners alike.



DUAL PROCESSING TECHNOLOGY



MULTI-DENSITY CHANNELS



HIGH OPERATIONAL FLEXIBILITY

Modular component design enables more operational flexibility and easy upgrades while minimizing capital expenditures.



SENSOR & SOFTWARE DEVELOPED BY TOMRA

Sustainably designed to provide outstanding performance and longevity, while reducing long-term operational costs.



EXTENDED WARRANTY X-RAY SOURCE & SENSOR

Improved x-ray setup, separated generator and source, and sensor shielding ensure long-term performance and stability.



Zorba



Twitch



Production scrap



Profiles & sheets

THE NEXT GENERATION IN ALUMINUM SORTING

With a long-standing legacy in exceptional performance, new X-TRACT™ not only raises the bar in metal sorting but has the power to transform the industry. By combining breakthrough innovations and software-driven intelligence, the sorting system gives you the ultimate control in sorting aluminum from super lights and heavy metals.



NEW High Power X-Ray Source

Variable power up to 1000 W to process multiple applications and grain sizes

NEW Catcher Hood

Safer access and faster maintenance

NEW Extraction Ports

Removes dust and reduces air turbulence

OPTIMIZED Separation Chamber

Reduces bouncing of ejected material

NEW Valve Blocks

TS1500 for mid to large grains
TS380+ for fines to mid grains

NEW XRT Sensor

Sharper detection and shorter integration times for higher throughput

NEW High-Speed Sorting

Belt speeds up to 3.8 m/s and increased capacity per meter width

IMPROVED S-Chute

Reduces rolling objects on high-speed belt

ENHANCED Sensor Shielding

Ensures long-term performance and stability

TAKING PERFORMANCE TO THE NEXT LEVEL

We strive to continually optimize sorting performance to give you a distinct competitive edge. And we don't stop there – we go the extra mile to ensure the highest service levels. Our comprehensive service portfolio is designed to meet the unique needs of your business and avoid costly downtimes, but it also offers advanced digital services to gain greater insight into your material flows and sorting performance.



TOMRA Insight

Cloud-based monitoring and sorting data platform that gives you full access to your machine's performance metrics.



TOMRA Care

Our suite of services and support to offer you maximum care from planning to performance optimization.

A SHINING LEGACY

TOMRA XRT TECHNOLOGY

As a leader in the resource revolution, we continue to enable metal recyclers and smelters to produce low carbon aluminum. New X-TRACT's™ advanced technology takes aluminum recovery and processing to new heights by reducing product loss and creating high purity fractions.

Secondary aluminum processed by our sorting machines has proven to increase the amount of recycled content that can be melted and significantly reduce energy and gas costs for refiners.

Green aluminum





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