

AUTOSORT™ *PULSE*

Dynamic LIBS solution for sorting
aluminum scrap by alloy.



TOMRA

Profit from a dynamic, scalable advantage

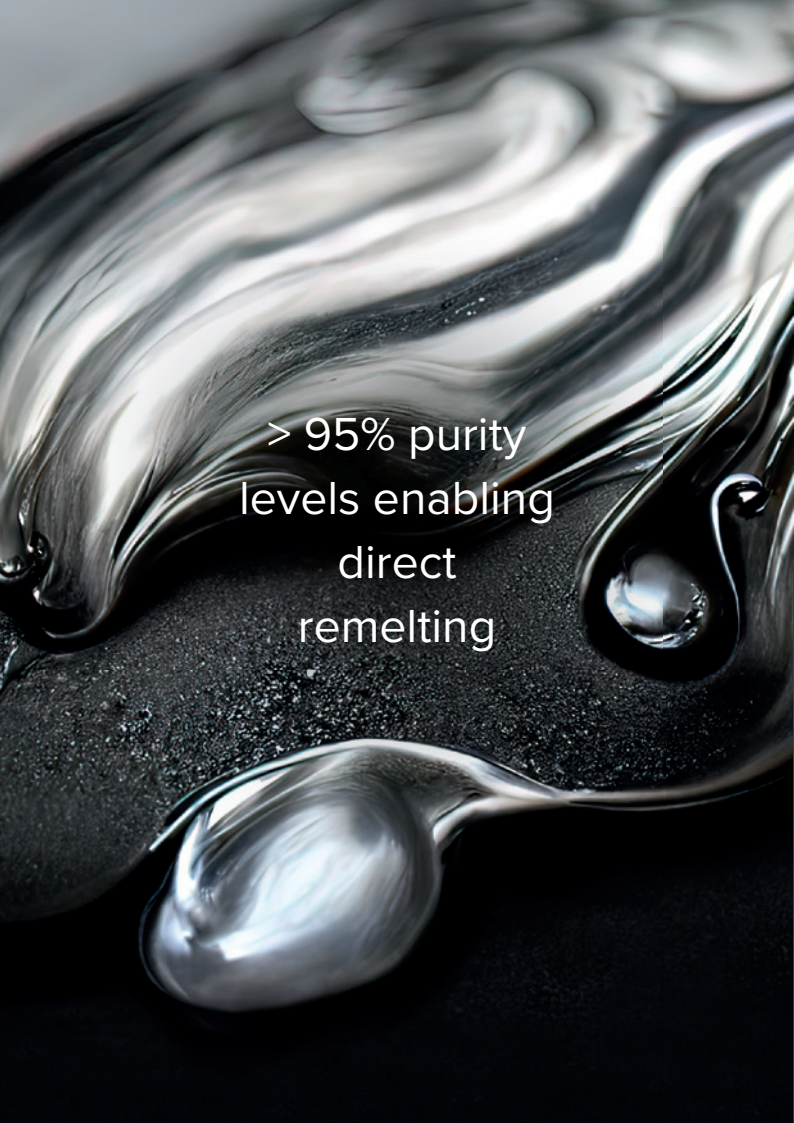
When it comes to decarbonizing aluminum, TOMRA's comprehensive knowledge of metal recycling and sorting technology offers you unmatched expertise. The all-new AUTOSORT™ *PULSE* **redefines LIBS technology** for aluminum scrap sorting.

Our dynamic LIBS technology was specially developed to offer **versatile, high-precision sorting** necessary for sustainable growth. With the additional TOMRA Insight service, you can also benefit from **data-driven optimization** of sorting processes.

To **advance aluminum alloy recycling**, AUTOSORT™ *PULSE* features a powerful combination of sensors and AI-based tools. The sorting system delivers outstanding performance without additional material handling equipment. It also leverages **artificial intelligence** to detect overlapping and adjacent objects, which enables higher throughput and maximizes yield.



Find out more!



> 95% purity
levels enabling
direct
remelting

Outstanding performance
in separating 5xxx and 6xxx
aluminum alloys

Technological
force in
decarbonization

Exceptionally
high
throughput



Designed for maximum yield

Dynamic LIBS technology

High-precision sorting of aluminum by alloy types.

Bulk infeed system

High-throughput sorting across a wide range of applications.

3D object scanning

Object and shape recognition for higher sorting accuracy.

Dynamic focus mode

Multiple single-point scans for sharper detection of materials in any condition.

Object singulation

AI-based detection of adjacent and overlapping objects.

Data-driven performance

Connects with TOMRA Insight for advanced statistics and tools.

Dynamic LIBS. Seeing is believing.

Alloy sorting with impressive results.



Put our machines to the test.
With your material.

Our global team of metal processing experts will happily answer your questions and work with you to find the best sorting solution for your requirements.



[Book a test today!](#)