



Waste Wood Sorting

We transform waste wood into recycled wood materials for a sustainable future.

Our wood sorting solution

For more than 10 years, TOMRA has pioneered the sensor-based sorting of wood from the world's most complex waste streams. As a leader in the purification and sorting of wood chips by material type, our sensor technologies and data-driven software support the sustainable production of wood-based panels.

Step 1

X-TRACT™

High-throughput purification
of waste wood



Harnessing the power of x-ray transmission (XRT) technology, X-TRACT™ measures the atomic density of materials to detect waste wood and remove impurities like inert materials, metals, and glass. With a **capacity of up to 30 metric tons per hour** depending on the material stream, X-TRACT™ delivers exceptional results in waste wood sorting.

Your benefits at a glance

Sensor-based sorting technology

- Enhance purity levels
- Consistent quality of output
- Enables 100% recovered wood panels

Step 2

AUTOSORT™ with GAIN™ technology

Intelligent waste wood sorting
by material type



As a complementary solution to AUTOSORT™, GAIN™ deep learning technology utilizes neural networks to differentiate wood chips based on material type. The sorting system effectively separates Wood A from Wood B and recovers MDF from processed wood. It is the ideal solution for creating non-processed wood fractions with **up to 95% purity levels**.

Lower operational expenditures

- Reduced labor requirements
- Significant energy savings
- Mitigates risk in sourcing & pricing wood

Environmental benefits

- Reduces GHG emissions
- Less deforestation
- Landfill reduction



We bring waste wood full circle

Curious
to know
more?

Get in touch!

TOMRA Recycling
Otto-Hahn-Straße 2-6
56218 Mülheim-Kärlich
Germany

www.tomra.com/recycling