



REDWAVE, a division of BT-Wolfgang Binder GmbH

Contact

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Size of company: M

Field of activity: Green Resources, More Green

Section:

Advance through progress!

REDWAVE is your reliable partner for innovative and economical solutions in the recycling industry.

We guarantee the most advanced sorting solutions to ensure the maximum yield of your recycling system.

The REDWAVE **grading machines** ensure high efficiency and high output rates in the highest purity throughout the entire sorting process.

Turnkey systems and sensor-based sorting systems for the recycling of:

1. glass recycling
2. Plastic Sorting
3. paper sorting
4. metal sorting
5. Waste sorting and processing
6. Single Stream Waste Treatment
7. RDF
8. electronic waste

9. industrial waste
10. Wood
11. Online quality control system

For a healthy environment!

Products & Services

REDWAVE plastic sorter

Different types of plastic are sorted according to different colors or by material type (eg PET, HDPE, PP, PVC, ...)

REDWAVE Paper sorter

In order to obtain the highest purity in the Deinking product, unwanted paper as well as paper-free products are sorted out from the paper stream

REDWAVE glass sorter

High-quality brown, white and green glass is won by the sorting process, as well as contaminants (ceramics, stones, porcelain, metals, lead glass, ...).

Success story

Recyclinginnovation - hydroelectric turbine from residual waste

The new "REDWAVE XRF sorting machine" is integrated into the new Mayer disposal facility, which ensures the highest degree of purity and accuracy in sorting. For the first time, materials such as copper and aluminum from residual waste, which have hitherto been regarded as unsortable in alloys, can be separated into high-quality secondary raw materials and further processed into hydroelectric turbines. The individual metals function as their own small message stations, which emit a distinctive energy signature and are evaluated by sensors..

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