

SORTING SOLUTIONS FOR
**CONSTRUCTION
AND DEMOLITION
WASTE**

REDWAVE[®]





Construction is considered one of the most waste producing industries due to its volume. This means that construction, renovation and demolition debris is highly varied in its composition and requires specific technologies to process the material in order to recover the valuable fragments for subsequent recycling. Achieving high recovery rates, and increasing the value of C&D debris, is possible with REDWAVE's sensor-based sorting technologies.

THE C&D RECYCLING INDUSTRY DESERVES SOLUTIONS THAT MATCH ITS HIGH STANDARDS

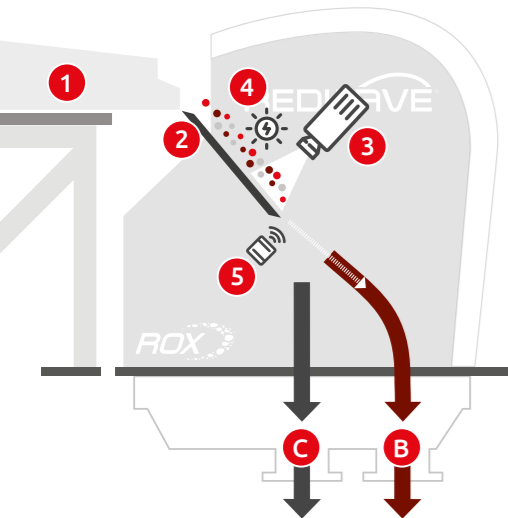
WHY CHOOSE REDWAVE?

- Advanced and accurate sorting technology
- High quality sorting increases the value of your material
- Maximum throughput, durability and performance
- High recovery rates
- High quality results meet the requirements and demands of the market
- More than 25 years of experience working with heavy materials
- To increase your business opportunities in the recycling industry



The sorting tests with samples of our material at REDWAVE gave a good prospect for the project. The sorting results in operation of the new plant are topping the tests which is more than satisfactory.

Florian Schoiswohl, Project Manager at euroTalc



REDWAVE ROX: POWERFUL SORTING

Operating principle REDWAVE ROX double-sided detection

- 1 Vibration conveyor channel
- 2 Material slide
- 3 Camera
- 4 Lighting unit
- 5 Valve unit
- B Ejected material
- C Passing material



EXPERTISE AND TECHNOLOGIES:

- FEEDING | CRUSHING | SCREENING | CONVEYING
- REDWAVE SENSOR-BASED SORTING TECHNOLOGY



APPLICATION AREAS:



The most **POWERFUL MACHINE** for the heaviest types of waste



REDWAVE ROX was developed for sorting of various challenging heavy materials such as minerals, ores, metals and stones.

The machine's accuracy and capacity to process heavy materials make it a proven system ready for the challenges.

The robust industrial design with its stable detection quality and intelligent sorting technology ensures high selectivity with high throughput rates at the same time.

ADVANTAGES OF REDWAVE ROX

- Sorting of C&D waste into recyclable fractions
- Combined systems (colour and material recognition)
- Sorting of heavies and light fractions
- Single side or double side detection
- Capable of sorting wet and dry materials
- Working width up to 2,000 mm
- High throughput at maximum output rate



LOCATIONS



1 HEADQUARTERS AUSTRIA

REDWAVE
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2 SUBSIDIARY GERMANY

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