

# Partners in Process Development



recover and reuse critical industrial  
materials with advanced recycling  
and treatment centrifuges

**Contact our application  
engineers for project  
development support inquiries at  
413.499.4818 or email us at  
sales@rr-centrifuge.com!**

## CLIENT CHALLENGE

- **Volume of Material Waste.** Despite efforts to increase recovery rates, the vast amount of electronics, plastics, and industrial waste generated globally is outpacing the capacity of effective recycling treatment solutions.
- **Value of Recycled Goods.** The value derived from the recovered materials and the environmental impacts must be balanced against the initial investment in facility systems and infrastructure and coupled with ongoing operational costs.



**Plastics recycling line with automated  
Model SA Filtering Centrifuge**

## PARTNERS SOLUTION

Continuously operating treatment systems for the separation, cleaning, and drying of materials from machine tooling operations, metal working facilities, and plastic component production lines with advanced automation and robotic handling systems markedly reduce processing times and operational costs. As a function of the application, Rousselet-Robatel integrates specialty centrifuges offering a substantial boost in efficiency and elevating the quality of treated products. This streamlining of the recycling process is pivotal in meeting the demand for sustainable solutions while optimizing resource utilization.

## PROCESS PAYOFF

- **Yield.** Quality and consistency of recovered materials is comparable to virgin materials even with high-volume applications.
- **Sustainable.** Environmental metrics include reductions in energy consumption, improved waste diversion, and decreased pollutant rates.
- **Proven.** Specialty centrifuges provide economic gains across all phases of the treatment line when cleaning, drying and recovering treated materials.

**Rousselet-Robatel** is your partner in process development. We are focused on delivering improvements within research labs and production facilities, and together with our clients, we transform the ordinary into the extraordinary.



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