

RUIJIE UBC Recycling System

Up to 5000 kg/h

TURN CANS INTO CASH



The RUIJIE Recycling System for UBC (Used Beverage Cans) is designed for processing loose or baled aluminium cans to be used as an alternative to virgin aluminium.

Aluminium is used in many modern products like pots and pans, building materials and beverage cans. By recycling the aluminium in the UBC, up to 95% of the energy used in production can be reduced compared to production with virgin aluminium, proving aluminium recycling a profitable business!

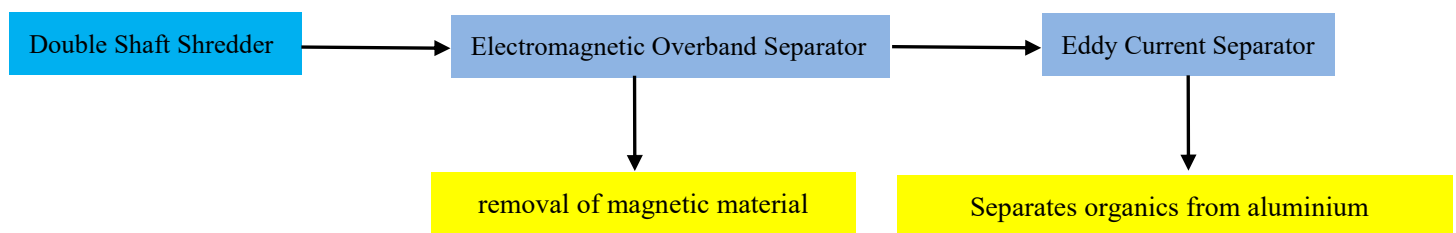
To ensure the product is pure, the cans can be downsized with the RUIJIE UBC Recycling System where ferrous metals, zinc, brass, organics, etc. is removed from the aluminium fraction. Furthermore, the density of the processed aluminium is higher, thus reducing the transportation costs.

Depending on the specific customer requirements, the RUIJIE UBC Recycling System can be tailored to fit the demand. The modular build enables the possibility of upscaling production in the future.

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Example of low capacity UBC recycling system (up to 500 kg/h)

RUIJIE UBC Recycling Process Flow Chart



Company Profile

Guangxi Ruijie Slag Equipment Manufacturing Co., Ltd. is headquartered in Beiliu City, Guangxi. It is a professional manufacturer of Renewable Resource Sorting Equipment that integrates research & development, manufacturing, sales, installation and after-sales service. It mainly produces five series of products including Gravity Sorting Machine, Crushing Machine, Magnetic Separation Machine, Screening Machine and Conveying Machine.

Focusing on the field of renewable resources recycling & utilization, the company has rich industry experience and unique technological advantages. It has a high-quality team of professionals who can customize slag deep processing equipment and comprehensive practical solutions and services to the customer's needs, providing a one-stop service with high quality and high satisfaction.



We specialize in the production of magnetic separation, eddy current separation, screening, and other machinery and equipment, and we are able to provide customers with material recovery solutions and related equipment for many industries such as environmental protection, mining, electric power, sand and gravel aggregates.

Since its establishment, it has always adhered to operating in accordance with the laws and regulations, continuously improving its independent innovation ability as its core competitiveness, and promoting the healthy, stable, and sustainable development of the enterprise. Nowadays, its products are widely used in various industries such as non-ferrous metal recycling, mines, building materials, plastics, glass, etc. Excellent equipment, exquisite technology, attentive service and thoughtful after-sales guarantees have been highly recognized by customers and the market.

In order to continuously improve and optimize the efficiency of resource recovery and reuse, it devotes itself to the continuous development & application of new technologies and strives to provide its customers with better products and services. It has maintained stable development trends as always, actively expanded market space in multiple areas, contributed to the recycling and utilization of renewable resources, and created a green and sustainable ecological



environment.

It takes "turning waste into treasure, making the environment better" as its mission, adheres to the corporate values of "integrity, concentration, pragmatism, innovation, sharing, win-win", implements the corporate spirit of "struggle and enterprising, efficient execution, dare to take responsibility, keep improving, strive for first-class forever", and continuously advances towards the vision of "becoming an international environmental protection technology leading enterprise". In the future, it will continue to invest more in research and development, strengthen technological innovation and improve management systems. At the same time, it will continue to strengthen its domestic & foreign market development capabilities and rapid response capabilities, further optimize our existing product structure, enhance our brand influence and main product market share. Ruijie Equipment is willing to go hand in hand with people from all walks of life to create a new future of environmental protection!