



Guangxi Ruijie Unveils High-Efficiency Eddy Current Separator for Superior Metal Sorting

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**GUANGXI RUIJIE UNVEILS
HIGH-EFFICIENCY**

**EDDY CURRENT SEPARATOR
FOR SUPERIOR METAL
SORTING**



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Guangxi Ruijie Slag Equipment Manufacturing Co., Ltd., a pioneer in industrial sorting technology, proudly announces the launch of its latest **Eddy Current Separator**. Designed to deliver unmatched efficiency in separating non-ferrous metals such as aluminum, copper, and other alloys, this innovative machine sets a new benchmark in the recycling and material processing industry.

Revolutionizing Metal Separation with Cutting-Edge Technology

In today's fast-evolving recycling industry, achieving high-purity metal separation is crucial for maximizing material value and operational efficiency. Guangxi Ruijie has responded to this challenge with a robust and reliable **Eddy Current Separator**, equipped with next-generation technology to optimize the separation process.

With increasing global demand for efficient metal recovery, businesses need solutions that offer precision, durability, and ease of use. Guangxi Ruijie's separator features a high-power motor that drives the rotor at up to 4,000 RPM, ensuring superior performance in material recovery applications.

Key Features That Set the Ruijie Eddy Current Separator Apart

Guangxi Ruijie has incorporated several industry-leading features into its **Eddy Current Separator**, ensuring maximum efficiency and reliability:

- **Automatic Oil Injection System:** Provides timely and precise lubrication to bearings, reducing wear and preventing unexpected failures.
- **Stainless Steel Construction:** Guarantees durability and corrosion resistance, making the machine ideal for long-term industrial use.
- **Over-Temperature Alarm:** Actively monitors bearing temperature and triggers an alarm if overheating is detected, preventing potential breakdowns.
- **Cloud Monitoring System:** Enables real-time tracking of machine performance, allowing operators to optimize workflows remotely.
- **N52 NdFeB Rotor Magnet:** Provides high magnetic force and superior heat resistance, ensuring long-lasting performance without the risk of demagnetization.
- **Durable Coating:** A high-temperature baked finish ensures strong adhesion, preventing rust and corrosion for prolonged operational life.

Industry Applications and Benefits

The **Eddy Current Separator** is designed to cater to a diverse range of industries, including:

- **Metal Recycling:** Efficient separation of aluminum and copper from mixed waste streams.
- **Automotive Recycling:** Recovery of valuable metals from shredded vehicles.
- **Electronics Waste Processing:** Effective extraction of non-ferrous metals from discarded electronic components.
- **Municipal Solid Waste Management:** Enhancing sorting efficiency in waste processing facilities.

By integrating this technology, businesses can achieve higher purity metal recovery, increased operational efficiency, and reduced labor costs.

Guangxi Ruijie's Commitment to Innovation

"At Guangxi Ruijie, we continuously push the boundaries of technology to deliver solutions that maximize efficiency, sustainability, and profitability for our customers," said Company Spokesperson, at **Guangxi Ruijie Slag Equipment Manufacturing Co., Ltd.** "Our Eddy Current Separator is engineered with precision to ensure seamless metal separation and minimal downtime, making it an essential investment for industries relying on high-performance recycling processes."

Market Impact and Future Outlook

The launch of this **Eddy Current Separator** comes at a time when the global demand for sustainable waste management solutions is at an all-time high. With industries increasingly prioritizing environmentally friendly practices, this innovative metal separator is expected to play a significant role in reducing landfill waste and maximizing resource recovery.

Availability and Ordering Information

The Ruijie **Eddy Current Separator** is now available for purchase globally. For inquiries about pricing, customization options, and delivery schedules, visit, <https://www.ruijie-equipment.com/product-category/magnetic-separation-machine/eddy-current-separator/> or contact our sales team at sales **R01@ruijie-equipment.com**

About Eddy current separator

[Guangxi Ruijie Slag Equipment Manufacturing Co., Ltd.](#) is a leading industrial sorting equipment manufacturer, specializing in innovative solutions for metal recycling and waste processing. With a commitment to engineering excellence and sustainability, the company has established itself as a trusted provider of cutting-edge separation technology worldwide. A leader in industrial sorting technology, Guangxi Ruijie Slag Equipment Manufacturing Co., Ltd. is pleased to announce the release of their newest **Eddy Current Separator**. This cutting-edge device raises the bar for recycling and material processing since it is made to separate non-ferrous metals like copper, aluminum, and other alloys with unparalleled efficiency.

[More about Eddy current separator](#)

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