

Introducing the RH-CRH Series: Mitsubishi Electric's Compact and Versatile Robots



**Meet the RH-CRH Series:
10CRH & 20CRH.**

Powerful performance packed in a compact robot – built for smart integration and productivity.

Compact & Space-Saving	Simple Design, Powerful Impact
<ul style="list-style-type: none">• Fits into tight spaces with ease.• Customizable for Your Needs.• Choose what fits your application.	<ul style="list-style-type: none">• Engineered for cost & performance efficiency.• Easy Integration & Setup.• Install with less hassle.
Batteryless Motor Advantage	Simplify Automation with RH-CRH Series Compact.
Zero battery maintenance. Zero downtime.	<i>Efficient. Reliable.</i> Let's talk about how it fits into your production line!

Compact, Efficient, and Designed for Versatility

Mitsubishi Electric proudly presents the **RH-CRH Series**, featuring the 10CRH and 20CRH models — advanced robots engineered to deliver exceptional performance within a compact design. These robots are specially crafted to offer both flexibility and efficiency, making them ideal for a wide variety of industrial applications, especially where space is at a premium.

Compact Design with Enhanced Adaptability

One of the standout features of the RH-CRH Series is its **miniaturized and lightweight design**. The reduction in size does not compromise performance but rather enhances the robot's ability to integrate seamlessly into diverse manufacturing systems and environments. The robot's arm is equipped with a compact cover that simplifies servicing, leading to smoother maintenance procedures and reduced downtime, ensuring higher productivity.

Wide Range of Application Variants

Understanding that every application has unique requirements, Mitsubishi Electric offers a **broad lineup of RH-CRH models**. This variety allows customers to select the best-suited robot for their specific operational needs. Whether the task involves assembly, material handling, or precise positioning, the RH-CRH Series adapts effectively to optimize results across multiple industries.

Simplified Structure for Greater Efficiency

Efficiency is not only about speed but also about smart design. The RH-CRH Series achieves **weight reduction and cost savings** by minimizing the number of parts within the robot body. This streamlined structure reduces complexity in the surrounding system design, leading to increased reliability and consistency in operation. The simpler construction supports enhanced productivity by minimizing potential points of failure and maintenance efforts.

Easier Integration and Setup

To support rapid deployment and flexible system design, the RH-CRH Series comes with **user wiring and air piping pre-installed inside the robot arm**. This thoughtful design eliminates extra setup steps and makes installation faster and more straightforward. Furthermore, the controller supports a generous number of input/output points—32 inputs and 32 outputs—allowing for flexible integration with a variety of peripheral equipment and automation systems.

Batteryless Motor for Maintenance-Free Operation

A key innovation in the RH-CRH Series is the use of a **batteryless motor**, which removes the need for routine battery replacement. This not only lowers maintenance requirements but also eliminates the risk of origin loss or the need for recalibration caused by battery failure. The result is a more stable, dependable operation that reduces downtime and maintenance costs.

Conclusion

Mitsubishi Electric's RH-CRH Series robots stand out as compact, versatile, and efficient solutions designed to meet the demands of modern manufacturing environments. Their smart design choices—such as a simplified structure, batteryless motors, and easy integration features—make

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them an excellent choice for companies looking to boost productivity while minimizing downtime and maintenance costs.

For industries facing space constraints without wanting to compromise on performance and reliability, the RH-CRH Series offers an innovative and dependable robotic solution.

Contact us here for more information <https://bit.ly/43NgPoX>

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