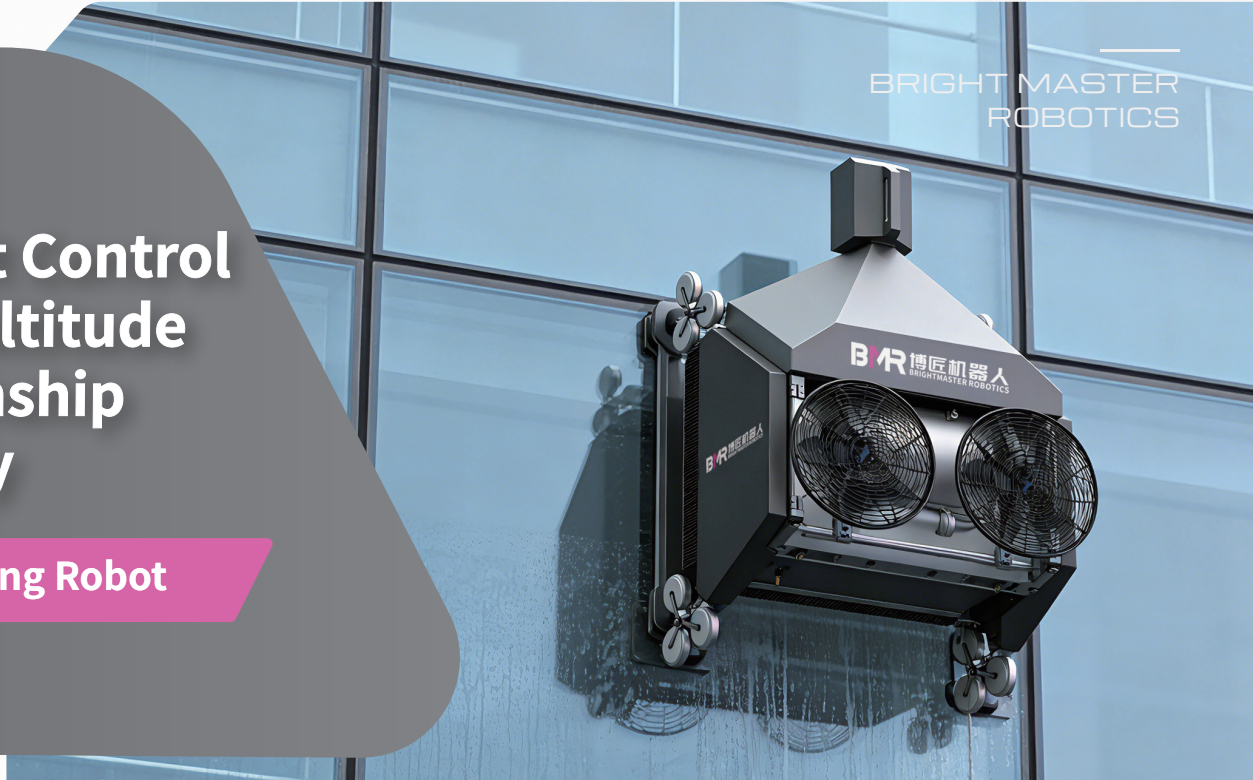


Intelligent Control for High-Altitude Craftsmanship for Quality

Facade Cleaning Robot



Product Introduction*

The Facade Cleaning Robot MQ200 is a fully automatic cleaning robot designed for high-rise and ultra-high-rise buildings. By integrating a model of "ground-based manual control + autonomous high-altitude operation + AI intelligent detection," it achieves unmanned, intelligent, and standardized curtain wall cleaning. Its primary application scenarios include flat and large-curved glass and metal curtain walls, making it suitable for commercial office buildings, hotels, urban landmarks, and more.

The robot is equipped with a redundant safety system that significantly reduces safety risks associated with high-altitude operations. Its modular obstacle-crossing mechanism enables it to navigate most architectural facade decorations. Additionally, it features an AI vision system for intelligent path planning and cleanliness assessment. What's more, its integrated wastewater recovery unit can prevent secondary pollution to the surrounding environment.

High Efficiency



Comprehensive cleaning efficiency: 350m²/h

High Quality



Precise control of cleaning parameters, AI vision for identifying wall features, obstacles, and cleanliness levels.

High Coverage



Modular obstacle-crossing solution achieves comprehensive coverage of over 80%*.

High Safety



Replacing manual high-altitude operations; reducing construction safety risks.

Path Planning



Proprietary path planning software; automatically generates robot construction paths; convenient and efficient application.

Intelligent



Fully automatic operation; automatic generation of cleaning reports.

Main Parameters*

Total Weight	≤ 80 kg	Operating Slope	0-90°
Construction Scenarios	Flat and large-curved glass, metal and stone curtain walls	Moving Speed	0-0.2 m/s
Working Height	≤200m	Cleaning Efficiency	≥350 m ² /h
Operating Voltage	220V	Obstacle Crossing Height	≤400 mm
Water Supply Method	Surface water supply	Cleaning Width	1000 mm
Overall Coverage Rate	≥80%	Protection Level	IP 54

Application Cases*

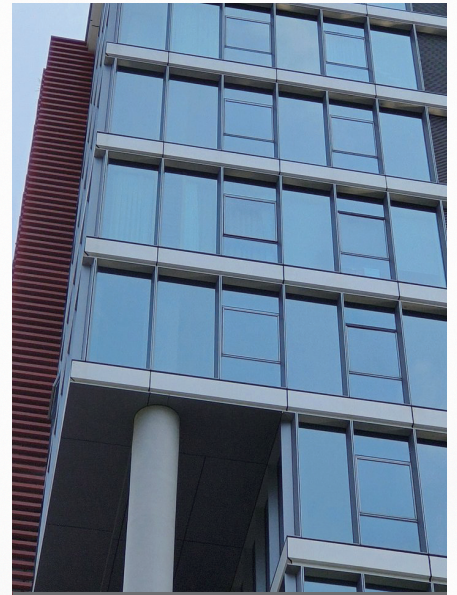
- The applicable working scenarios for the Facade Cleaning Robot MQ200 are shown in the pictures below.



Vertical Feature Curtain Wall



Large Flat Glass Curtain Wall



Horizontal Feature Curtain Wall

Service Commitment

Free one-time on-site delivery, installation, and on-site guidance for new machines⁽¹⁾; free installation and operation training; free remote technical support and consulting services; lifetime on-site service⁽²⁾; 1-year warranty for the complete machine⁽³⁾; 5-year spare parts supply guarantee; 7x24-hour service hotline; on-site service within 24 hours in stationed cities and 48 hours in other cities (excluding remote areas), or on-site service as agreed.

Notes: (1) One free on-site installation service is included. (2) During the warranty period, warranty-covered items are serviced free of charge; services beyond the warranty period or non-warranty items are provided at a charge. (3) Accessories and consumables are not covered by the warranty. High-quality accessories and consumables are available for customer purchase.

 Official Website: <https://www.bm-robot.com>

 Service Hotline: **400 988 2007**

(*Data are sourced from the BRIGHT MASTER ROBOTICS Laboratory. The final right of interpretation belongs to BRIGHT MASTER ROBOTICS. As technology is continuously updated, BRIGHT MASTER ROBOTICS reserves the right to modify its products. If technical parameters or product functions are changed, no further notice will be given. The actual delivered product shall prevail.)



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