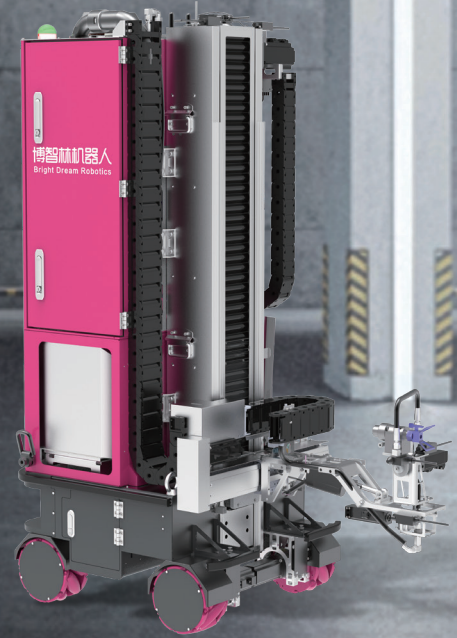


# Indoor Coating Robot 320

*More than a Step Faster  
More than a Level Smarter*



## Industry Pain-points



The Indoor Coating Robot 320 can work at a no illumination area. It can give out an intelligent construction solution through automation in focus on the ways of improving working efficiency and quality, reduce potential risk of high level working, solving labour problem, and lower the capital cost

## Production Information

The Indoor Coating Robot 320 is an automatic spraying robot for emulsion paint, widely used in residence, apartment, hotel, office and other scenarios for indoor emulsion paint construction. The spraying scope covers indoor walls, bay windows, beams, ceilings, gypsum lines and other structures. This robot has functions like primer and topcoat spraying, automatic path planning, parameter control, APP remote monitoring, and off-line simulation analysis, and achieves fully automatic spraying of both primer and top paint through its automatic operation mode. It has been honored as "High-tech Product of Guangdong Province", "China Patent Excellence Award", and has been evaluated as an "International Leading Level" in comprehensive technical level.



### High efficiency

The overall spraying efficiency is 120m<sup>2</sup>/h, which is about 5 times that of manual roller coating, and can operate continuously for a long time\*



### High coverage

Automatic operation on indoor walls, ceilings, bay windows, etc., with a combined maximum coverage of 100%\*



### Labor Saving

Compared with traditional construction, the reasonable combination of indoor paint and decoration robots can effectively save labor in construction



### High quality

Precise spraying process and parameter control to ensure uniform paint surface and good appearance



### Intelligent

Automatic path planning, remote monitoring, and fully automatic spraying operations can realize unmanned construction

## Key Specifications\*

Total Weight	≤350kg	Max. Spraying Efficiency	180m <sup>2</sup> /h
Overall Dimensions	1050x690x1780mm	Spraying Height	≤3200mm
Battery Life	≥4h	Positioning Accuracy	±20mm
Charging Time	≤2.5h	Height of Surmountable Obstacle	≤20mm
Bucket Volume	60L	Width of Surmountable Trench	≤50mm
Moving Speed	≤0.5m/s	Climbing Angle	≤6°

## Application Cases\*

- The Indoor Coating Robot 320 apply to YiYang DongCheng, ChaoZhou Intelligent Apartment, MaoMing ShuiDong Bay, ZengCheng ShiTan, ShanTou JinPing, YangJiang Intelligent Apartment and other Projects, of more than 700,000m<sup>2</sup> total Working Areas . Incompare with traditional painting and robotic painting, robotic painting can keep the consistency, high efficiency of paint performance.
- Less man power, reduce high working stress and improve workers healthy. Reduce construction period and cost saving with good paint performance.



ChaoZhou Intelligent Apartment



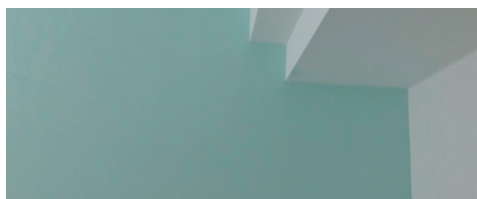
ZengCheng ShiTan



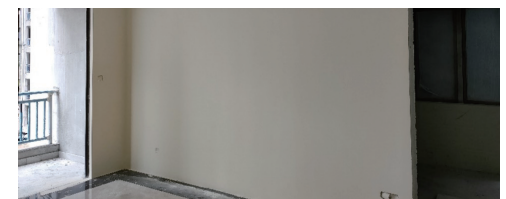
ShanTou JinPing



Finish Effect-Cream



Finish Effect-Colour



Finish Effect-White

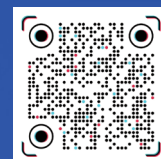
Official Website: <https://en.bm-robot.com/>

Service Tel : **400 988 2007**

(\*The data comes from Bright Dream Robotics and the final interpretation right belongs to Bright Dream Robotics )



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