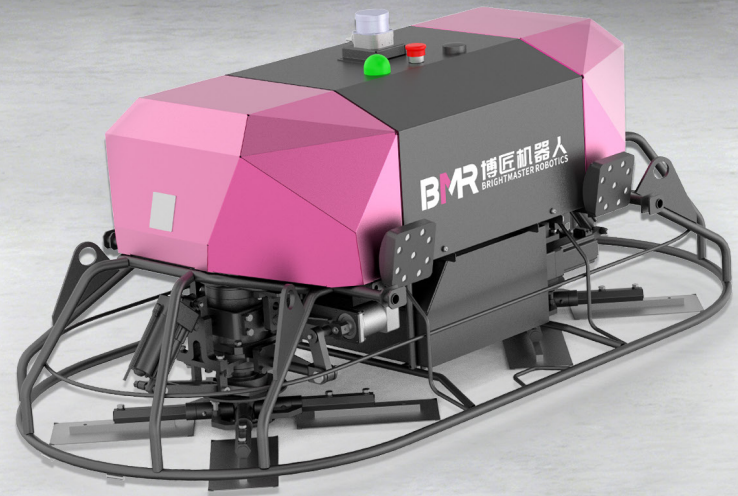


Easy Operation Efficient Finishing

Concrete Finishing Robot



Product Introduction*

The concrete finishing robot is suitable for large-area concrete finishing and polishing operations in basements, plazas, factories, airports, shopping malls, and similar scenarios. The product supports both fully automatic and remote-control modes, enabling automatic construction on cast-in-place concrete surfaces, including large-area concrete compaction, slurry lifting, surface finishing, and polishing. Technical Highlights: SLAM mapping, fully automatic navigation system, integrated intelligent motion control algorithms, and real-time control technology.

Labor Saving



Operation via remote control (1 person, 1 machine) or fully automatic construction mode can reduce the need for one traditional finishing worker.

High Efficiency



The 80 model achieves 300–400 m²/h per single operation.

High Quality



Improved surface compactness, wear resistance stability, and surface smoothness of the finished floor.

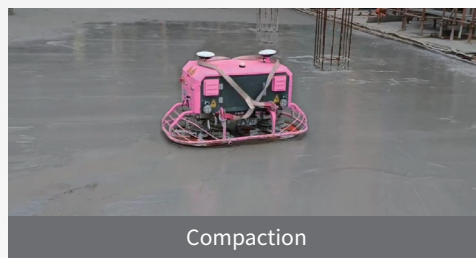
Intelligent



SLAM mapping, automatic path planning, automatic navigation, and unmanned automatic construction.



Slurry Lifting



Compaction



Finishing

Main Parameters*

Product Name	Concrete Finishing Robot 80SZ
Finishing Disc Diameter	800mm
Weight	340kg
Dimensions (LxWxH)	1600x900x1310mm
Single-pass Operating Efficiency	≥300m ² /h
Blade Rotation Speed	0~150r/min
Automatic Operation Navigation Deviation	≤200mm
Power Supply	48V 160AH
Operating Endurance	≥4h
Charging Time	≤4h
Operating Temperature	0~45°C

Application Cases*

- To date, the concrete finishing robot has been applied in projects such as China Railway Construction Engineering Group Guangzhou Baiyun Station, Shaanxi Ankang Jinzhoufu, Changsha (Hunan), Qingyuan Sports Center, Huizhou Dapo, Qingcheng Yanhu County, Chaozhou Yunlu Lanting, Jiangmen Tangxia, Dongguan Yuexi Garden, and Daliang Borui'en Aluminum Formwork Factory, with a cumulative operating area exceeding 25,000 m².
- The construction quality meets qualified requirements through combined concrete construction using four products (intelligent follow-up concrete placing pump, concrete leveling robot, concrete smoothing robot, and concrete finishing robot). Compared with traditional construction methods, subsequent structural layer leveling is reduced, saving approximately 28% in standard floor construction costs, with significant economic and social benefits.

(*Robot construction costs, in addition to robot-related costs, are also affected by factors such as on-site project conditions, proficiency of human-robot collaboration, and construction management level. Actual project data shall prevail.)



China Railway Construction Engineering Group
Guangzhou Baiyun Station Project



Foshan Beijiao Riverside Road Project



Qingcheng Yanhu County Project

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.)



BMR Official Website



BMR Tik Tok



BMR LinkedIn