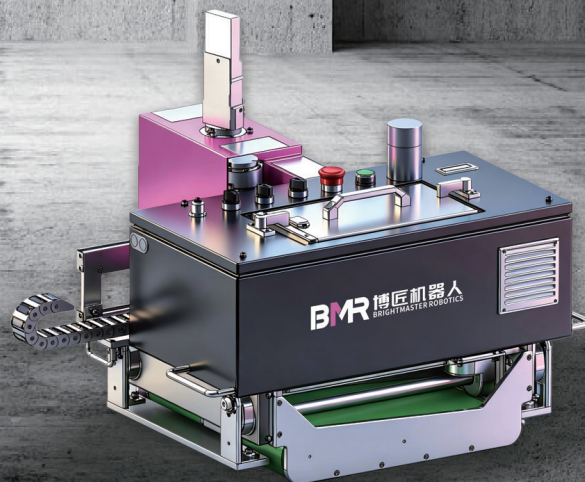


BRIGHT MASTER
ROBOTICS

One-Touch Floor Screeding Millimeter-Level Precision

Floor Screeding Robot



Industry Pain Points

During traditional mortar floor screeding, the following challenges commonly arise due to the characteristics of dry-mixed mortar, construction methods, project schedules, and site management.

High Labor Intensity

Prolonged squatting during screeding;
Susceptible to lumbar muscle strain;

Unstable Quality

Construction quality
Dependent on worker skill level;

Low Efficiency

Pre-installed screed guides required;
Requires repeated straightedge finishing;

The Floor Screeding Robot provides an intelligent construction solution for projects through one-touch operation by improving construction precision, increasing construction efficiency, and reducing labor intensity.

Product Introduction*

The Floor Screeding Robot can be used in applications such as residential construction, public building flooring, metro station flooring, and floor screeding after underfloor heating installation; this product achieves one-touch fully automatic operation through a remote controller and is designed to perform dry-mixed mortar screeding operations.

Technical Highlights: Independently developed integrated intelligent motion control algorithms, laser measurement and positioning technology, and real-time control technology.

High Quality

Flatness: 2 m/3 mm

High Efficiency

Theoretical productivity $\geq 130\text{m}^2/\text{h}$

Intelligent

One-touch fully automatic operation, positioning, area measurement, and equipment status monitoring

Main Parameters*

Specification	Value
Dimensions (L × W × H)	Length ≤ 790 mm, Width ≤ 730 mm, Height ≤ 660 mm
Weight	65kg
Operating Power	300W
Construction Precision	2m/3mm
Theoretical Productivity	≥130m ² /h
Screeding Thickness	0~10cm
Power Supply	48V 25AH
Endurance	≥6h
Fast Charging Time	≤3h
IP Rating	IP54
Operating Environment	-5~40°C

Application *

- Large-scale public building floor screeding, floor heating backfill screeding, old residential community renovation(indoor floor refurbishment), transportation hub platform flooring, and commercial interior fit-out floor screeding



Service Commitment

Free installation and operation training, free remote technical support and consulting services, and lifetime on-site service⁽¹⁾; 1-year warranty for the complete machine⁽²⁾; 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. High-quality accessories and consumables are available for customer purchase.



Official Website: <https://en.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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