

DERUTU

#MORE INTELLIGENT #WORLD FOR CONSTRUCTION

2025 Newest Leading Pro Model
Plastering Machine DM



The new generation of DM Wall Master
DERUTU.COM



SPECIFICATION

Plastering height	4.2m (Height Customizable)
Plastering width	110cm (Scraper width is optional)
Work Efficiency	4m ² /min
Operating voltage	DC48V (Battery)
Battery quantity	Two sets
Motor type	750W servo motor
Positioning method	Microcomputer vertical instrument
Product size	120×69×205cm
Product weight	252kg



DM WALL MASTER SERIES

The Derutu "Plastering Master" DM Leading PRO smart plastering machine is the result of multiple rounds of design optimization. It employs a "spray-then-level" application process. When paired with a Derutu sprayer, it ensures the plaster layer is thoroughly compacted and leveled, effectively eliminating common defects like hollow spots at the source. It is an efficient choice for mechanized plastering of various mortars and gypsum.

2025 NEW UPGRADE

- ※New model with new shape and more stable structure
- ※Quick and automatic vertical positioning, adjustable lifting speed
- ※New brake system, enhanced terrain adaptability
- ※Single-person single-machine operation
- ※In line with acceptance standards
- ※Intelligent touch screen operation, expandable IoT interface

TECHNICAL ADVANTAGES

1. Microcomputer automatic leveling, the vertical flatness error of the wall can be controlled within 2mm;
2. Siemens PLC + imported servo motor + industrial control LCD screen, automatic control and adjustable speed;
3. Patented scraper design, and scraping and multiple finishing in one, good wall plastering effect, no hollowing and cracking;
4. The lifting track adopts a special structure 6005T alloy profile, with a vertical error of ± 0.01 mm;
5. Battery power supply, not limited by the power supply on the construction site, one backup and one use, long battery life of more than 12 hours;
6. IoT module can be installed and data acquisition structure is provided;
7. Small size, light weight, easy to move;
8. Modular design does not require disassembly and assembly, free entry and exit of the construction hole, easy to operate by one person;
9. The electric drive brake is locked with one button, no ceiling fixation is required, and it is universal for internal and external walls;
10. Simple operation, inexperienced workers can quickly operate and use it.

APPLICABLE RAW MATERIALS

- Cement Mortar
- Finished Mortar
- Self-mixed Mortar
- Anti-cracking Mortar
- Lightweight Gypsum
- Heavy Gypsum
- Polymer Mortar
- High Ductility Mortar

PRODUCT COMPOSITION

- ✓ HOST MODULE
- ✓ TRACK MODULE
- ✓ SCRAPER MODULE
- ✓ IOF MODULE (OPTIONAL)



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Specialized in integrated wall construction solutions



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*All data contained in this document is sourced from Derutu Laboratory, updated as of 2026. All texts and images are for reference only. Product configurations (including technical parameters) shall be subject to the delivered machine in kind. For more information about Derutu robots, please scan the QR code above.