

DERUTU



#MORE INTELLIGENT #WORLD FOR CONSTRUCTION

More intelligent world for construction

2024 Newest Intelligent
Plastering Machine



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plastering master: a new generation of
automatic plastering wall machine
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Parameter	DM technology intelligent plastering machine
Plastering Height	320cm (support customization to 500cm)
Plastering Width	120cm (can choose 80cm、150cm)
Work Efficiency	4 m ² /min
Operating Voltage	48V /storage battery
Main Motor	servo motor
Targeting	Microcomputer vertical instrument
Size(length, width height)	110*70*193cm
Weight	About 175kg



Description

Wall plastering master DM series can work with gypsum or mortar spraying machines to realize automatic and rapid smoothing after spraying, reducing the punching before spraying and manual smoothing after spraying. It is an efficient choice for all kinds of gypsum and mortar plastering.

DERUTU Automatic Plastering Machine

- High quality: the vertical flatness error of the plastered wall is within two mm; no hollowing and cracking
 - ✓ Fast speed: about 4m²/min, replace 10 traditional skilled workers
 - ✓ Labor saving: no need to recruit and manage a large number of people, a beginner can start quickly
 - ✓ Saving time: stable electrical appliances, long continuous working time to ensure efficiency and the construction period
- High output: mechanized construction saves costs, increases profits, and reduces the risk of work-related injuries

Core Technology

- ① Small and light, can be used in small areas such as internal and external corners, doors, windows and holes
- ② Microcomputer automatic leveling system without punching ribs, the error within 2mm
- ③ Siemens PLC + imported servo motor + industrial control LCD screen, automatic control and adjustable speed
- ④ not limited by the voltage and power supply of the construction site, no need to pull wires to connect to the power supply. The 48V super large battery lasts for more than 10 hours
- ⑤ Electric brake by one-button locking, no need for ceiling fixing, universal for interior and exterior walls, convenient and quick
- ⑥ Patented independent suspension chassis, easy to move on the uneven construction ground
- ⑦ The plastering scraper device with patented design, integrates smoothing, filling and scraping together
- ⑧ The host, track, and scraper are snap-connected (patented technology), no screws are needed, so the application efficiency is high
- ⑨ The hoist track is made of 6063 aluminum alloy plate, and the error is guaranteed to be within 0.05mm
- ⑩ Patent lifting safety protection device to prevent accidental machine damage caused by machine lifting
- ⑪ Install mobile phone interconnection, remote monitoring machine position, switch time, running time and data collection and storage
- ⑫ sensor failure warning function, wear and tear of consumables can be monitored, maintenance reminders, plastering area, maintenance time and other data can be stored and monitored by chip

Applicable materials and items

- Cement Mortar
- Finished Mortar
- Self-mixed Mortar
- Anti-cracking Mortar
- Lightweight Gypsum
- Heavy Gypsum
- Polymer Mortar
- High Ductility Mortar
- Public Construction projects
- House Construction Project
- Office Buildings
- Industrial Plant
- Warehouse, etc

Parts List

- ✓ Host
- ✓ Pole (can be customized height)
- ✓ Toolbox



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 Focus on providing overall solutions for wall construction



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